

- 1 Journal : Cement International
Year : 2018
Period : 5
Volume : 16
Title : Roller life extension of high pressure grinding
rolls with dynamic load sharing
Authors : Pischtschan, M. et al
Pages : 32-37
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43296

- 2 Journal : Cement International
Year : 2018
Period : 5
Volume : 16
Title : Seild-unloading cement carriers
Authors : Raemmele, M. et al
Pages : 38-43
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43297

- 3 Journal : Cement International
Year : 2018
Period : 6
Volume : 16
Title : Handling line for solid recovered fuel (SRF) at
Irish Cement Ltd. - a case study
Authors : Hamer, T. et al
Pages : 38-41
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43298

- 4 Journal : Cement International
Year : 2018
Period : 6
Volume : 16
Title : Modern mill and fan instrumentation for cement
plants
Authors : Conrads, H.
Pages : 46-49
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43299

- 5 Journal : Cement International
Year : 2018
Period : 6
Volume : 16
Title : Mercury in the German Cement Industry - a
balance
Authors : Harrab, H. et al
Pages : 50-61
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43300
- 6 Journal : Cement International
Year : 2019
Period : 1
Volume : 17
Title : Increase in energy efficiency and enhancement of
cement properties by means of seperate ultra-
fine grinding
Authors : Treiber, K and Fleiger, P.
Pages : 26-35
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43301
- 7 Journal : Cement International
Year : 2019
Period : 1
Volume : 17
Title : Efficient utilization of alternative fuels of
varying quality
Authors : Aufderheide, D. and Di Matteo, L.
Pages : 42-47
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43302
- 8 Journal : Cement and Concrete Composite
Year : 2019
Period : August
Volume : 101
Title : The future of construction
Authors : Seiler, P. H. and Duer, H.S.
Pages : 2-4
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43303

- 9 Journal : Cement and Concrete Composite
Year : 2019
Period : August
Volume : 101
Title : Mitigating steel corrosion in reinforced
concrete using functional coatings, corrosion
inhibitors and atomistic simulations
Authors : Balonis, M. et al
Pages : 15-23
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43304
- 10 Journal : Cement and Concrete Composite
Year : 2019
Period : August
Volume : 101
Title : Extending supplementary cementitious material
resources: Reclaimed and remediated fly ash and
natural pozzolans
Authors : Diaz-loya, I. et al
Pages : 44-51
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43305
- 11 Journal : Cement and Concrete Composite
Year : 2019
Period : August
Volume : 101
Title : The impacts of policies to reduce CO2 emissions
within the concrete supply chain
Authors : DI Filippo, J. et al
Pages : 67-82
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43306
- 12 Journal : Cement and Concrete Composite
Year : 2019
Period : September
Volume : 102
Title : Local Ca-structure variation and microstructural
characteristics on one-part activated slag
system with various activators
Authors : Jeong, Y. et al
Pages : 1-13
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43307

- 13 Journal : Cement and Concrete Composite
Year : 2019
Period : September
Volume : 102
Title : Construction of virtual interfacial transition zone (ITZ) samples of hydrated cement paste using extended stochastic optimization
Authors : KIm, S.-Y. et al
Pages : 84--93
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43308
- 14 Journal : Cement and Concrete Composite
Year : 2019
Period : September
Volume : 102
Title : Acoustic emission study of heat-induced cracking in fly ash- based alkali-activated pastes and lightweight mortars
Authors : Carabba, L. et al
Pages : 145-156
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43309
- 15 Journal : Cement and Concrete Composite
Year : 2019
Period : September
Volume : 102
Title : Durability of ettringite-based composite reinforced with polypropylene fibers under combined chemical and physical attack
Authors : Nguyen, H. et al
Pages : 157-168
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43310
- 16 Journal : Cement and Concrete Composite
Year : 2019
Period : September
Volume : 102
Title : Tailoring the thermal and mechanical properties of light weight cement-based composites by macro and micro fillers
Authors : Zeng, Q. et al
Pages : 169-184
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43311

- 17 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Investigation on the effectiveness of electrolyzed water in
controlling the early age properties of cement mortar
Authors : Chakraborty, S. et al
Pages : 1-11
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43312
- 18 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Effect of side-chain length in polycarboxylic
superplasticizer on the early-age performance of
cement-based materials
Authors : Wen, X.- d. et al
Pages : 26-32
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43313
- 19 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Experimental shear testing of timber-masonry dry
connections for the seismic retrofit of unreinforced masonry
shear walls
Authors : Riccadonna, D. et al
Pages : 52-72
Notes : E 4029-30
Addl Sbj : C1316
Cntrl No.: 43314
- 20 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Effect of electric arc furnace steel on the mechanical and
fracture properties of roller-
compacted concrete
Authors : Rooholamini, H. et al
Pages : 88-98
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43315

- 21 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Numerical modelling of the flow of self-consolidating
engineered cementitious composites using smoothed particle
hydrodynamics
Authors : Thanh, H.T. et al
Pages : 109-119
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43316
- 22 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Effects of combined expansive agents and supplementary
cementitious materials on the mechanical properties,
shrinkage and chloride penetration of self-compacting
concrete
Authors : Liu, K. et al
Pages : 120-129
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43317
- 23 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Experimental study on rheological properties and moisture
susceptibility of asphalt mastic containing red mud waste as
filler substitute
Authors : Zhang, J. et al
Pages : 159-166
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43318
- 24 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : A modified foam drainage test protocol for
assessing incompatibility of admixture combinations and
stability of air structure in cementitious composite (SHCC)
Authors : Wang, X. et al.
Pages : 174-184
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43319

- 25 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Bonding quality of cross-laminated timber:Evaluation of test methods on eucalyptus grandis panels
Authors : Dugmore, M. et al
Pages : 217-227
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43320
- 26 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Comparison on corrosion behaviour and mechanical Properties of structural steel exposed between urban industrial atmosphere and laboratory simulated environment
Authors : Wu, H. et al
Pages : 228-243
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43321
- 27 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Investigation of the CI-migration behavior of cement materials blended with fly ash or/and slag via the electrochemical impedance spectroscopy method
Authors : Dong, S. et al
Pages : 261-270
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43322
- 28 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Comparative study on the effect of organic and inorganic fiber on the anti-wheel impact performance of airport pavement concrete under Freeze-thaw Environment
Authors : Cui, Y. et al
Pages : 284-297
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43323

- 29 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Effects of calcined dolomite addition on
reaction kinetics of one-part sodium carbonate-
activated slag cements
Authors : Yang, T. et al
Pages : 329-336
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43324
- 30 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Monitoring of railway structures of the high
speed line BPL with bituminous and granular
sublayers
Authors : Khairallah, D. et al
Pages : 337-362
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43325
- 31 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Sustainable concrete for rigid pavement
construction using de-hydroxylated kaolinitic
clay: mechanical and microstructural properties
Authors : Busari, A. et al
Pages : 408-415
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43326
- 32 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Elevated temperature behavior of an iron-based
shape memory alloy used for prestressed
strengthening of civil structures
Authors : Ghafoori, E. et al
Pages : 437-469
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43327

- 33 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Fresh and rheological properties of glass fiber reinforced self-compacting concrete with nanosilica and fly ash blended
Authors : Guneyisi, E. et al;
Pages : 349-371
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43328
- 34 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Experimental assessment of geotextile serviceability lifetime as ballasted railway filter focusing on clogging phenomenon
Authors : Esmaeili, M. et al
Pages : 675-688
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43329
- 35 Journal : Construction and Building Materials
Year : 2019
Period : June
Volume : 211
Title : Strength and durability characteristic of alkali activated GGBS stabilized red mud as geo-material
Authors : Alam, S. et al
Pages : 932-942
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43330
- 36 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Laboratory investigation of phase change effect of polyethylene glycol on asphalt binder and mixture performance
Authors : Du, Y. et al
Pages : 1-9
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43331

- 37 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Rheological and mechanical properties of
microfine-cement-based grouts mixed with
microfine fly ash, colloidal nanosilica and
superplasticizer
Authors : Zhang, S. et al
Pages : 10-26
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43332
- 38 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Behaviour of concrete filled glass fibre-
reinforced polymer tubes under static and
flexural fatigue loading
Authors : Aslani, F. et al
Pages : 57-76
Notes : E 4029-30
Addl Sbj : C1316
Cntrl No.: 43333
- 39 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Experimental investigation on the effect of pore
characteristics on clogging risk of pervious
concrete based on CT scanning
Authors : Zhou, H. et al
Pages : 130-139
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43334
- 40 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Performance improvement to ash-cement blocks by
adding ultrafine steel slag collected from a
supersonic steam-jet smasher
Authors : Duan, S. et al
Pages : 140-148
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43335

- 41 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Influence of bonded mortar of recycled concrete aggregates on interfacial characteristics - porosity assessment based on pore segmentation from backscattered electron image analysis
Authors : Kim, Y. et al
Pages : 149-163
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43336
- 42 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Effect of retarders on the early hydration and mechanical properties of reactivated cementitious material
Authors : Zhang, L. et al
Pages : 192-202
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43337
- 43 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Free and restrained plastic shrinkage of cementitious materials made of engineered kraft pulp fibres
Authors : Booya, E. et al
Pages : 236-246
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43338
- 44 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Rubber and plastic wastes as alternative refused fuel in cement industry
Authors : Hashem, F.S. et al
Pages : 275-282
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43339

- 45 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Influence of microencapsulated phase change materials (PCMs) on the chloride ion diffusivity of concretes exposed to freeze-thaw cycles: Insights from multiscale numerical simulations
Authors : Nayak, S. et al
Pages : 317-328
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43340
- 46 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Effect of calcium hydroxide on fresh state behavior of sodium carbonate activated blast furnace slag pastes
Authors : Akturk, B. et al
Pages : 388-421
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43341
- 47 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Experimental study on the effect of basalt and glass fiber on behavior of open-graded friction course asphalt modified with nano-silica
Authors : Tanzadeh, R. et al
Pages : 467-475
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43342

** - Keywords

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- 48 Journal : Journal A FConstruction and Building Materials
Year : Year B 2019
Period : Period C July
Volume : Volume D 212
Issue : Issue E
Title : Title H MS
Sub Ttl : Sub Ttl J
Authors : Authors KR S

Keywords : KeywordsN S
Pages : Pages P
Rep/Tr. : Rep/Tr. R
Notes : Notes SR
Sbj Code : Sbj CodeTR
Addl Sbj : Addl SbjUR
Supp.Flq : Supp.FlqZ
Abstract :
Cntrl No.: 43343

- 49 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Conservation of disappearing traditional
manufacturing process for chinese grey brick:
Field survey and laboratory study
Authors : Zhao,P. et al
Pages : 531-540
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43344
- 50 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 212
Title : Hygrothermal and mechanical characterisation of
novel hemp shiv based thermal insulation
composites
Authors : Hussain, A. et al
Pages : 561-568
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43345
- 51 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 213
Title : Effects of pozzolanic and non-pozzolanic
nanomaterials on cement-based materials
Authors : Xiao, H. et al
Pages : 1-9
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43346

** - Keywords

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Articles Check List

- 52 Journal : Construction and Building Materials
Year : 2019
Period : July

Volume : 213
Title : Behaviors of hybrid beams composed of seawater sea-sand concrete (SWSSC) and a prefabricated UHPC shell reinforced with FRP bars
Authors : Dong, Z. et al
Pages : 32-42
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43347

53 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 213
Title : Effects of extreme environmental exposure conditions on the mechanical behaviour of traditional carpentry joints
Authors : Poletti, E. et al
Pages : 61-78
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43348

54 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 213
Title : 2D numerical investigation on damage mechanism of recycled aggregate concrete prism
Authors : Wang, Y. et al
Pages : 91-99
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43349

55 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 213
Title : Comparison between cement paste and asphalt mastic modified by carbonaceous materials: Electrical and thermal properties
Authors : Arabzadeh, A. et al
Pages : 121-130
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43350

** - Keywords

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Articles Check List

56 Journal : Construction and Building Materials
Year : 2019
Period : July

- Volume : 213
 Title : Estimation of the optimum content of fly ash in concrete composite base on the analysis of fracture toughness tests using various measuring systems
 Authors : Golewski, G. L.
 Pages : 142-155
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43351
- 57 Journal : Construction and Building Materials
 Year : 2019
 Period : July
 Volume : 213
 Title : Experimental investigation of blending phenomena in intergranular zones of recycled asphalt mixtures using customized infrared imaging and stage extraction methods
 Authors : Vassaux, S. et al
 Pages : 234-245
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43352
- 58 Journal : Construction and Building Materials
 Year : 2019
 Period : July
 Volume : 213
 Title : High-volume use of limestone in ultra-high performance fiber-reinforced concrete for reducing cement content and autogenous shrinkage
 Authors : Kang, S.-H, et al
 Pages : 292-305
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43353
- 59 Journal : Construction and Building Materials
 Year : 2019
 Period : July
 Volume : 213
 Title : Effect of steel fibers on the performance of concrete made with recycled concrete aggregates and dune sand
 Authors : Kachouh, N. et al;
 Pages : 348-376
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43354

- 60 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 213
Title : Effect of fire exposure on physico-mechanical and microstructural properties of concrete containing high volume slag cement
Authors : Shumuye, E. D. et al;
Pages : 447-458
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43355
- 61 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 213
Title : Effect of tartaric acid and phosphoric acid on the water resistance of magnesium oxychloride (MOC) Cerment
Authors : Chen, X. et al;
Pages : 528-536
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43356
- 62 Journal : Construction and Building Materials
Year : 2019
Period : July
Volume : 213
Title : Damage and degradation mechanism for single intermittent cracked mortar specimens under a combination of chemical solutions and dry-wet cycles
Authors : Han,T. et al ;
Pages : 567-581
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43357
- 63 Journal : Construction and Building Materials
Year : 2019
Period : August
Volume : 217
Title : Improvement of early-age properties of silico-alumino-phosphate geopolymer using dead burnt magnesia
Authors : Wang, Y.-S. et al;
Pages : 1-11
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43358

- 64 Journal : Construction and Building Materials
Year : 2019
Period : August
Volume : 217
Title : Investigating the effect of amorphous carbon powder on the moisture sensitivity, fatigue performance and rutting resistance of rubberized asphalt concrete mixtures
Authors : Ziari, H. et al;
Pages : 62-72
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43359
- 65 Journal : Construction and Building Materials
Year : 2019
Period : August
Volume : 217
Title : Mechanical and microstructural properties of alkali-activated slag and slag+ fly ash mortars exposed to high temperature
Authors : Celikten, S. et al;
Pages : 50-61
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43360
- 66 Journal : Construction and Building Materials
Year : 2019
Period : August
Volume : 217
Title : Manufactured structural timber building materials and their durability
Authors : Singh, T. et al;
Pages : 84-92
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43361
- 67 Journal : Construction and Building Materials
Year : 2019
Period : August
Volume : 217
Title : Effects of micro-nano-lime (CaCO₃) particles on the strength and resilience of road clay beds
Authors : Tanzadeh, T. et al;
Pages : 193-201
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43362

68 Journal : Journal A FConstruction and Building Materials
Year : Year B 2019
Period : Period C August
Volume : Volume D 217
Issue : Issue E
Title : Title H MS
Sub Ttl : Sub Ttl J
Authors : Authors KR S
Keywords : KeywordsN S
Pages : Pages P
Rep/Tr. : Rep/Tr. R
Notes : Notes SR
Sbj Code : Sbj CodeTR
Addl Sbj : Addl SbjUR
Supp.Flq : Supp.FlqZ
Abstract :
Cntrl No.: 43363

69 Journal : Cement and Concrete Research
Year : 2019
Period : April
Volume : 118
Title : The effect of curing regimes on the mechanical
properties, nano-mechanical properties and
microstructure of ultra-high performance
concrete
Authors : Shen , P. et al;
Pages : 1-13
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43364

70 Journal : Cement and Concrete Research
Year : 2019
Period : April
Volume : 118
Title : Numerical method to model the creep of recycled
aggregate concrete br considering the old
attached mortar
Authors : Guo, M. et al;
Pages : 14-24
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43365

** - Keywords

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71 Journal : Cement and Concrete Research
Year : 2019
Period : April

Volume : 118
Title : Early-state water migration characteristics of
superabsorbent polymers in cement pastes
Authors : Yabg, J. et al;
Pages : 25-37
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43366

72 Journal : Cement and Concrete Research
Year : 2019
Period : April
Volume : 118
Title : Effect of carbonation on the pore solution of
mortar
Authors : De Weerd, K. et al;
Pages : 38-56
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43367

73 Journal : Cement and Concrete Research
Year : 2019
Period : April
Volume : 118
Title : Capillary imbibition in mortars with natural
pozzolan, limestone powder and slag evaluated
through neutron radiography, electrical
conductivity, and gravimetric analysis
Authors : Alderete, N. et al;
Pages : 57-68
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43368

74 Journal : Cement and Concrete Research
Year : 2019
Period : April
Volume : 118
Title : Dissolution rate spectra of B-dicalcium silicate
in water of varying activity
Authors : Brand, A.S. et al;
Pages : 69-83
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43369

** - Keywords

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Articles Check List

75 Journal : Cement and Concrete Research
Year : 2019
Period : April
Volume : 118

- Title : Comparison of electrical and self-sensing properties of Portland cement and alkali-activated slag mortars
- Authors : Rovnanik, P. et al;
- Pages : 84-91
- Notes : E 4029-30
- Addl Sbj : C 1316
- Cntrl No.: 43370
- 76 Journal : Cement and Concrete Research
- Year : 2019
- Period : April
- Volume : 118
- Title : Corrigendum to "Influence of set retarding admixtures on calcium sulfoaluminate cement hydration and property development" [J.Chem Concr.Res. 104 (2017)105-113]
- Authors : Burris, L.E. and Kurtis, K. E.
- Pages : 120-121
- Notes : E 4029-30
- Addl Sbj : C 1316
- Cntrl No.: 43371
- 77 Journal : Cement and Concrete Research
- Year : 2019
- Period : June
- Volume : 120
- Title : Exponentially aging functions coupled with time-dependent chloride transport model for predicting service life of surface treated concrete in tidal zone
- Authors : Petcherdchoo, A. and Chindaprasirt, P.
- Pages : 1-12
- Notes : E 4029-30
- Addl Sbj : C 1316
- Cntrl No.: 43372
- 78 Journal : Cement and Concrete Research
- Year : 2019
- Period : June
- Volume : 120
- Title : The addition of caesium to concrete with alkali-silica reaction: Implications on product identification and recognition of the reaction sequence
- Authors : Leemann, A. and Munch, B.
- Pages : 27-35
- Notes : E 4029-30
- Addl Sbj : C 1316
- Cntrl No.: 43373

- 79 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : Effect of supercritical carbonation on the
strength and heavy metal retention of cement-
solidified fly ash
Authors : Zha, X. et al;
Pages : 36-45
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43374
- 80 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : Natural hydraulic lime for blended cement
mortars: behavior from fresh to hardened states
Authors : Jaafri, R. et al;
Pages : 52-65
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43375
- 81 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : Thermodynamic modelling of temperature effects
on the mineralogy of Portland cement systems
containing chloride
Authors : Balonis, M.
Pages : 66-75
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43376
- 82 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : Material properties of cement paste and mortar,
modified with N-doped mesoporous carbon spheres
(NMCSS)
Authors : Mahmoud, H. et al;
Pages : 92-101
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43377

- 83 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : Experimental and numerical study of accelerated
corrosion of steel reinforcement in concrete:
Transport of corrosion products
Authors : Sola, E. et al;
Pages : 119-131
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43378
- 84 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : A study of bond between steel rebar and concrete
under a friction-based approach
Authors : Chiriatti, L. et al;
Pages : 132-141
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43379
- 85 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : Early hydration of ye'elimité: Insights from
thermodynamic modelling
Authors : Zajac, M. et al;
Pages : 152-163
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43380
- 86 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : Assessing the bond behaviour of corroded smooth
and ribbed rebars with acoustic emission
monitoring
Authors : Van Steen, C. et al;
Pages : 176-186
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43381

- 87 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : Effects of external multi-ions and wet-dry cycles in a marine environment on autogenous self-healing of cracks in cement paste
Authors : Liu, H. et al;
Pages : 198-206
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43382
- 88 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : Physical evidence of swelling as the cause of anomalous capillary water uptake by cementitious materials
Authors : Alderete, N. M. et al;
Pages : 256-266
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43383

** - Keywords

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- 90 Journal : Cement and Concrete Research
Year : 2019
Period : June
Volume : 120
Title : A phenomenological approach on the influence of paramagnetic iron in cement stone on 2D T1-T2 relaxation in single-side 1H nuclear magnetic resonance
Authors : Schulte Holthausen, R. and Raupach, M.
Pages : 279-293
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43385
- 91 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : Evaluation of effect of multi-varied atmosphereic curing conditions on compressive strength of bacterial (bacillussubtilis) cement

mortar
Authors : Abdulkareem, M. et al;
Pages : 1-7
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43386

92 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : The slurry and physical-mechanical performance
of autoclaved aerated concrete with high content
solid wastes: effect of grinding process
Authors : Cai, L. et al;
Pages : 28-39
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43387

93 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : A novel method for multi-scale carbon fiber
distribution characterization in cement-based
composites
Authors : Tong, Z. et al;
Pages : 40-52
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43388

** - Keywords

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Articles Check List

94 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : Evaluation of modulus of elasticity and modulus
of rupture of full-size wood composite panels
supported on two nodal-lines using a vibration
technique
Authors : Guan, C. et al;
Pages : 64-72
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43390

95 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 218

Title : Anslysis of thermal conductivity of porous
concrete using laboratory measurements and
microstructure models
Authors : Chen, J. et al;
Pages : 90-98
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43391

96 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : Research on the dynamic behaviour of the railway
ballast asseby subject to the low loading
condition based on a tridimensional DEM-FDM
coupled apporach
Authors : Li, L. et al;
Pages : 135-149
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43392

97 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : Core testing method to assess nonlinear behavior
of brick masonry under compression: A
comparative experimental study
Authors : Jafari, S. et al;
Pages : 193-205
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43393

** - Keywords

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Articles Check List

98 Journal : C onstruction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : Chloride permeability and the caused steel
corrosion in the concrete with carbonated
recycled aggregate
Authors : Liang, C. et al;
Pages : 506-518
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43394

99 Journal : C onstruction and Building Materials
Year : 2019

Period : September
Volume : 218
Title : Development of high-strength alkali-activated
pastes containing high volumes of waste brick
and ceramic powders
Authors : Luo, W. and Li, L.
Pages : 530-542
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43395

100 Journal : C onstruction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : Influence of severe climatic variability on the
structural, mechanical and chemical stability of
cement kiln dust-slag-nanosilica composite used
for radwaste solidification
Authors : Saleh, H. M. et al;
Pages : 556-567
Notes : E 4069-30
Addl Sbj : C 1316
Cntrl No.: 43396

101 Journal : C onstruction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : Properties and hydration behavior of Ti-
extracted residues-red gypsum based cementitious
materials
Authors : Zhang, J. et al;
Pages : 610-617
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43397

** - Keywords

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Articles Check List

102 Journal : C onstruction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : Experimental behavior and failure modes of
hybird beam-to-column connections with RC wing-
walls in Industrial Construction
Authors : Wang, B. et al;
Pages : 628-643
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43398

- 103 Journal : C onstruction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : Experimental study on direct tensile behaviour
of UHPFRC under high strain-rates
Authors : Cadoni, E. et al;
Pages : 667-680
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43399
- 104 Journal : C onstruction and Building Materials
Year : 2019
Period : September
Volume : 218
Title : Fatigue damage evolution model of asphalt
mixture considering influence of loading
frequency
Authors : Zhang, J. et al;
Pages : 712-720
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43400
- 105 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 219
Issue : 2
Title : Structural characteristics and cementitious
behavior of basic oxygen furnace slag mud and
electric arc furnace slag
Authors : Zhang, N. et al;
Pages : 11-18
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43402

** - Keywords

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Articles Check List

- 106 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 219
Issue : 2
Title : Full-scale investigation on the traffic load
influence zone and its dimesion for HMA layer in
inverted pavement
Authors : Han, Z. et al;
Pages : 19-30
Notes : E 4029-30

Addl Sbj : C 1316
Cntrl No.: 43403

- 107 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 219
Issue : 2
Title : Experimental tests for the characterization of
sisal fiber reinforced cementitious matrix for
strengthening masonry structures
Authors : de Carvalho Bello, C. B. et al;
Pages : 44-55
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43404
- 108 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 219
Issue : 2
Title : A novel design toolkit to assess asphalt-rubber
gap-graded mixture performance: Target
properties and parametric relationships
Authors : Venudharan, V. and Biligiri, K. P.
Pages : 56-68
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43405
- 109 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 219
Issue : 2
Title : Benefits of utilizations the recycle
polyethylene terephthalate waste plastic
materials as a modifier to asphalt mixtures
Authors : El-Naga, I. A and Ragab, M.
Pages : 81-90
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43406

** - Keywords

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Articles Check List

- 110 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 219
Issue : 2
Title : Nanosilica particles as structural buildup

- agents for 3D printing with Portland Cement pastes
- Authors : Mendoza Reales, O. A. et al;
 Pages : 91-100
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43407
- 111 Journal : Construction and Building Materials
 Year : 2019
 Period : September
 Volume : 219
 Issue : 2
 Title : Study on bending behaviors of severely pre-cracked RC beams strengthened by BFRP sheets and steel plates
 Authors : Qin, Z. et al;
 Pages : 131-143
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43408
- 112 Journal : Construction and Building Materials
 Year : 2019
 Period : September
 Volume : 219
 Issue : 2
 Title : The effect of fibers in the rheology of self-compacting concrete
 Authors : Alberti, M. G. et al;
 Pages : 144-153
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43409
- 113 Journal : Construction and Building Materials
 Year : 2019
 Period : November
 Volume : 224
 Issue : 1
 Title : Development of extended drucker-prager model for non-uniform FRP-confined concrete based on triaxial tests
 Authors : Mohammadi, M. et al;
 Pages : 1-9
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43411

** - Keywords

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Articles Check List

- 114 Journal : Construction and Building Materials
 Year : 2019

- Period : November
 Volume : 224
 Issue : 1
 Title : Effect of CaSO₄ on hydration and phase conversion of calcium aluminate cement
 Authors : Son, H. M. et al;
 Pages : 40-47
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43412
- 115 Journal : Construction and Building Materials
 Year : 2019
 Period : November
 Volume : 224
 Issue : 1
 Title : Preperation of microencapsulated phase change materials used graphene oxide to improve thermal stability and its incorporation in gypsum materials
 Authors : Zhang, Y. et al;
 Pages : 48-56
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43413
- 116 Journal : Construction and Building Materials
 Year : 2019
 Period : November
 Volume : 224
 Issue : 1
 Title : Investigation and practical application of a new cementitious anti-washout grouting material
 Authors : Li, S. et al;
 Pages : 66-77
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43414
- 117 Journal : Construction and Building Materials
 Year : 2019
 Period : November
 Volume : 224
 Issue : 1
 Title : Effect of aggregate type on the fatigue durability of asphalt mixtures
 Authors : Valdes-Vidal, G. et al;
 Pages : 124-131
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43415

- 118 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Investigation of the effect of recycled PET particles, shredded recycled steel fibers and metakaolin powder on the properties of RCCP
Authors : Noroozi, R. et al;
Pages : 173-187
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43416
- 119 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : A review of acoustic emission as indicator of reinforcement effectiveness in concrete and cementitious composites
Authors : Tsangouri, E. and Aggelis, D.G.
Pages : 198-205
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43417
- 120 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Chloride -induced corrosion of steel fiber near the surface of ultra-high performance concrete and its effect on flexural behavior with various thickness
Authors : Pyo, S. et al;
Pages : 206-213
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43418

** - Keywords

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- 121 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Research on the influence of sodium fatty

- alcohol polyoxyethylene ether sulfate on the
microstructure and properties of Portland cement
- Authors : LI, M. et al;
Pages : 214-225
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43419
- 122 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Experimental investigation and multiscale
modeling of reactive powder cement pastes
subject to triaxial compressive stresses
Authors : Zhang, K. et al;
Pages : 242-254
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43420
- 123 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : High performance cement composites with
colloidal nano-silica
Authors : Du, H. and Pang, S. D.
Pages : 317-325
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43421
- 124 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Comparison on accelerated carbonation of B-C2S,
Ca(OH)₂, and C4AF: Reaction degree, multi-
properties, and products
Authors : Wang, D. and Chang, J.
Pages : 336-347
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43422

- 125 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Interevent acoustic emission character of three-point-bending tests on concrete beams by the nearest neighbor distance
Authors : Ren, D. et al;
Pages : 359-371
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43423
- 126 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Study on the interlayer debonding and its effects on the mechanical properties of CRTS II slab track based on viscoelastic theory
Authors : Zhang, Y. et al;
Pages : 387-407
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43424
- 127 Journal : C onstruction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Experimental study on the effect of strain rates on the dynamic flexural properties of rubber concrete
Authors : Feng, W. et al;
Pages : 408-419
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43425
- 128 Journal : C onstruction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Water retention and drainage capability of expanded cork agglomerate boards intended for application in green vertical systems
Authors : Cortes, A. et al;
Pages : 439-446
Notes : E 4029-30
Addl Sbj : C 1316

Cntrl No.: 43426

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Articles Check List

- 129 Journal : C onstruction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Analysis of the interface bond properly between
the concrete and steel bar under textile
reinforced concrete confinement
Authors : Jing, L. et al;
Pages : 447-454
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43427
- 130 Journal : C onstruction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Comparision of four in-situ methods for the
determination of walls thermal resistance in
free-running buildings with alternating heat
flux in different seasons
Authors : Flores Larsen, S. et al;
Pages : 455-473
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43428
- 131 Journal : C onstruction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Effect of steel and polypropylene fibers on the
quasi-static and dynamic splitting tensile
properties of high-strength concrete
Authors : Guo, H. et al;
Pages : 504-533
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43429

** - Keywords

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- 132 Journal : C onstruction and Building Materials

Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Analysis of micro-structural damage evolution of concrete through coupled X-ray computed tomography and gray-level co-occurrence matrices method
Authors : Zhu, L. et al;
Pages : 534-550
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43430

133 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Cntrl No.: 43431

134 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Thermally-induced moisture transport in high-performance concrete studied by X-ray-CT and 1H-NMR
Authors : Stelzner, L. et al;
Pages : 600-609
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43432

135 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Thermal response and resistance optimization of various types of point-supported glass facades
Authors : Lu, W. et al;
Pages : 610-621
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43433

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Articles Check List

136 Journal : Construction and Building Materials
Year : 2019
Period : November

Volume : 224
Issue : 1
Title : A method to evaluate the segregation of compacted asphalt pavement by processing the images of paved asphalt mixture
Authors : Cong, L. et al;
Pages : 622-629
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43434

137 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Compressive strength assessment of recycled aggregate concrete using schmidt rebound hammer and core testing
Authors : Kazemi, M. et al;
Pages : 630-638
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43435

138 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Fresh and hardened properties of self-compacting concretes produced with diabase and gneiss quarry by-product powder as alternative fillers
Authors : Schankoski, R. A. et al;
Pages : 659-670
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43436

** - Keywords

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Articles Check List

139 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Smart bituminous material combining anti-icing and self-healing functions using electrothermal graphene microcapsules containing oily rejuvenator
Authors : Su, J. -F. et al;
Pages : 671-681
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43437

- 140 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Design of alkali-activated aluminium powder foamed materials for precursors with different particle sizes
Authors : Beghoura, I. and Castro-Gomes, J.
Pages : 682-690
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43438
- 141 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Experimental investigation on two new corn stalk biocomposites based in magnesium phosphate cement and ordinary portland cement
Authors : Wei, Y. et al;
Pages : 700-731
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43439

** - Keywords

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Articles Check List

- 142 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Bond behaviour of nano-silica-modified self-compacting engineered cementitious composite using response surface methodology
Authors : Achara, B.E. et al;
Pages : 796-814
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43440
- 143 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Aragonite formation induced by open cultures of microbial consortia to heal cracks in concrete: Insights into healing mechanisms and crystal polymorphs

Authors : Zhang, J. et al;
Pages : 815-822
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43441

144 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Physical and mechanical characterization of a
commerial rendering mortar using destructive
and non-destructive techniques
Authors : Aragon, G. et al;
Pages : 835-849
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43442

** - Keywords

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145 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : On the use of strain-hardening cementitious
composite covers to mitigate corrosion in
reinforced concrete structures
Authors : Fakhri, H. et al;
Pages : 850-862
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43443

146 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Characterisation of polymer cement mortar
composites containing carbon fibre or auxetic
fabric overlays and inserts under flexure
Authors : Asad, M. et al;
Pages : 863-879
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43444

147 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224

Issue : 1
Title : Corrosion protection of steel members using an
AI-Zn base sacrificial anode and fiber sheet in
an atmospheric
Authors : Kainuma, S. et al;
Pages : 880-893
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43445

148 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Evaluation of rejuvenator's effectiveness on the
reclaimed asphalt pavement incorporated stone
matrix asphalt mixtures
Authors : Devulapalli, L. et al;
Pages : 909-919
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43446

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Articles Check List

149 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Effects of the type of activator on the self-
healing ability of fiber-reinforced alkali-
activated slag-based composites at an early age
Authors : Nguyen, H.H. et al;
Pages : 980-995
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43447

150 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Experimental investigation into the post-breakage
performance of pre-cracked laminated glass plates
Authors : Zhao, C. et al;
Pages : 996-1006
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43448

- 151 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Rebar corrosion detection, protection, and rehabilitation of reinforced concrete structures in coastal environments: A review
Authors : James, A. et al;
Pages : 1007-1025
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43449
- 152 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 224
Issue : 1
Title : Geopolymer, green alkali activated cementitious material Synthesis, applications and challenges
Authors : Wu, Y. et al
Pages : 930-949
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43450

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Articles Check List

- 153 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Effects of aggregate mineral surface anisotropy on asphalt-aggregate interfacial bonding using molecular dynamics (MD) simulation
Authors : Chu, L. et al;
Pages : 1-12
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43451
- 154 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Rheological properties of bituminous mastics containing chemical warm additive at medium temperatures and its relationship to warm mix asphalt faitgue behavior
Authors : Mirzaaghaeian, E. and Modarres, A.

Pages : 44-54
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43452

155 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Investigation on dielectric properties and
microwave heating efficiencies of various
concrete pavements during microwave deicing
Authors : Liu, J.-I. et al
Pages : 55-75
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43453

** - Keywords

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Articles Check List

156 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Preparation of corrosion inhibitor loaded
zeolites and corrosion resistance of carbon
steel in simulated concrete pore solution
Authors : Yang, H. et al;
Pages : 90-98
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43454

157 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Development of a novel bio-inspired cement-based
composite material to improve the fire resistance of
engineering structures
Authors : Zhang, T. et al;
Pages : 99-111
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43455

158 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2

Title : Photocatalytic NOx abatement and self-cleaning performance of cementitious composites with g-C3N4 nanosheets under visible light
Authors : Yang, Y. et al;
Pages : 120-131
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43456

159 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Utilizing spent garnets as sand replacement in alkali-activated mortars containing fly ash and GBFS
Authors : Huseien, G.F. et al;
Pages : 132-145
Notes : E 4029-30
Addl Sbj : C1316
Cntrl No.: 43457

** - Keywords

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Articles Check List

160 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Development of thermal energy storage lightweight structural cementitious composites by means of macro-encapsulated PCM
Authors : Mohseni, E. et al;
Pages : 182-203
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43458

161 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Performance evaluation of stone mastic asphalt mixture with different high viscosity modified asphalt based on laboratory tests
Authors : Luo, Y. et al;
Pages : 214-222
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43459

162 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Hydration characteristics and microstructure of
magnesium phosphate cement in presence of Cu²⁺
Authors : Zeng, X. et al;
Pages : 223-233
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43460

163 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Influence of harvesting time and maceration
method of spanish broom (*Spartium junceum* L.)
fibers on mechanical properties of reinforced
cement mortar
Authors : Juradin, S. et al;
Pages : 243-255
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43461

** - Keywords

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Articles Check List

164 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Effect of partial replacement of cement with
prosopis juliflora ash on the strength and
microstructural characteristics of cement
concrete
Authors : Kathirvel, P. et al;
Pages : 273-282
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43462

165 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Prediction of compressive strength and portland
cement composition using cross-validation and
feature ranking techniques
Authors : Vakharia, V. and Gujar, R.

Pages : 292-301
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43463

166 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Effect of dolomite powder on the hydration and
properties of calcium sulfoaluminate cements
with different gypsum contents
Authors : Xu, J. et al;
Pages : 302-310
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43464

** - Keywords

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Articles Check List

167 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Effect of pumping and spraying processes on the
rheological properties and air content of wet-
mix shotcrete with various admixtures
Authors : Chen, L. et al;
Pages : 311-323
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43465

168 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Instantaneous monitoring the early age
properties of cementitious materials using PZT-
based electromechanical impedance (EMI)
technique
Authors : SU, Y-F. et al;
Pages : 340-347
Notes : E 4229-30
Addl Sbj : C 1316
Cntrl No.: 43466

169 Journal : Construction and Building Materials
Year : 2019
Period : November

Volume : 225
Issue : 2
Title : Field evaluation of the impact of environmental conditions on concrete moisture-related shrinkage and coefficient of thermal expansion
Authors : Mateos, A. et al;
Pages : 348-357
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43467

** - Keywords

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Articles Check List

- 170 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Influence of PET wastes on the environment and high strength concrete properties exposed to high temperatures
Authors : Alfahdawi, I.H. et al;
Pages : 358-370
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43468
- 171 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Strength properties and microstructural analysis of self-compacting concrete incorporating waste foundry sand
Authors : Sandhu, R.K. and Siddique, R.
Pages : 371-383
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43469
- 172 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : The effect of calcium stearate on mechanical and durability aspects of self-consolidating concretes incorporating silica fume/natural zeolite
Authors : Naseroleslami, R. and Nemati Chari, M.
Pages : 384-400
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43470

** - Keywords

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- 173 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Durability of new blended cements additioned
with recycled biomass bottom ASH from electric
power plants
Authors : Medina, J. M. et al;
Pages : 429-440
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43471
- 174 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Compressive strength and cracking of composite
concrete in hot-humid environments based on
microscopic quantitative analysis
Authors : Chen, G. et al;
Pages : 441-451
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43472
- 175 Journal : C onstruction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Numerical investigastion of phase change
materials (PCM) optimal melting properties and
position in nuilding elements under diverse
conditions
Authors : Lagou, A. et al;
Pages : 452-464
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43473

** - Keywords

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- 176 Journal : C onstruction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2

- Title : Effect of cyclic low temperature conditioning on stiffness modulus of asphalt concrete based on non-contact resonance testing method
- Authors : Bekele, A. et al;
- Pages : 502-509
- Notes : E 4029-30
- Addl Sbj : C 1316
- Cntrl No.: 43474
- 177 Journal : Construction and Building Materials
- Year : 2019
- Period : November
- Volume : 225
- Issue : 2
- Title : Microscopic & macroscopic characterization of beijing marble as a building material for UNESCO heritage sites: New insights into physico-mechanical property estimation and weathering resistance
- Authors : Liu, J.-b. et al;
- Pages : 510-525
- Notes : E 4029-30
- Addl Sbj : C 1316
- Cntrl No.: 43475
- 178 Journal : Construction and Building Materials
- Year : 2019
- Period : November
- Volume : 225
- Title : Analytical models for effective hydraulic sorptivity, diffusivity and conductivity of concrete with interfacial transition zone
- Authors : Baji, H. et al;
- Pages : 555-568
- Notes : E 4029-30
- Addl Sbj : C 1316
- Cntrl No.: 43476
- 179 Journal : Construction and Building Materials
- Year : 2019
- Period : November
- Volume : 225
- Title : Feasibility test and evaluation models of develop sustainable insulation concrete using foam and bottom ash aggregates
- Authors : Yang, K.-H. et al;
- Pages : 620-632
- Notes : E 4029-30
- Addl Sbj : C 1316
- Cntrl No.: 43477

- 180 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Title : Lime putty versus hydrated lime powder:
physicochemical and mechanical characteristics
of lime based mortars
Authors : Aggelakopoulou, E. et al;
Pages : 633-642
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43478
- 181 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Title : Three-dimentional particle model based numerical simulation
on multi-level compressive cyclic loading of concrete
Authors : Song, Z. et al;
Pages : 661-677
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43479
- 182 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Experimental investigation on axial compressive behavior of
ultra-high performance concrete (UHPC) filled glass FRP tubes
Authors : Tian, H. et al;
Pages : 678-709
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43480
- 183 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Effect of characteristics of chemical combined of graphene
oxide-nanosilica nanocomposite filler on properties of
cement-based materials
Authors : Hu, M. et al;
Pages : 745-753
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43481

- 184 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Optimization and characterization of cast in-situ alkali-activated pastes by response surface methodology
Authors : Mohammed, B. S. et al;
Pages : 776-787
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43482
- 185 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Fracture performance and numerical simulation of basalt fiber concrete using three-point bending test on notched beam
Authors : Sun, X. et al;
Pages : 788-800
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43483
- 186 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Evaluation of the mixed mode (I/II) fracture a toughness of cement emulsified asphalt mortar(CRTS-II) using mixture design of experiments
Authors : Najjar, S. et al;
Pages : 812-828
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43484
- 187 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Estimating asphalt mixture volumetric properties using seemingly unrelated regression equations approaches
Authors : Montoya, M. A. and Haddock, J.E.
Pages : 829-837
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43485

- 188 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Measuring the thixotropy of conventional concrete: The influence of viscosity modifying agent, superplasticiser and water
Authors : Kolawole, J.T. et al;
Pages : 853-867
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43486
- 189 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Potential of Macroencapsulated PCM for thermal energy storage in buildings: A comprehensive review
Authors : Rathore, P.K.S. and Shukla, S.K.
Pages : 723-744
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43487
- 190 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Influence of wetting-drying curing system on the performance of fiber reinforced metakaolin-based geopolymer composites
Authors : Arslan, A. A. et al;
Pages : 909-926
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43488
- 191 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Realistic 3D modeling of concrete composites with randomly distributed aggregates by using aggregate expansion method
Authors : Zhang, H. et al;
Pages : 927-940
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43489

- 192 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Cntrl No.: 43490
- 193 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Estimating asphalt mixture volumetric properties using seemingly unrelated regression equations approaches
Authors : Montoya, M.A. and Haddock, J.E.
Pages : 829-837
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43491
- 194 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Measuring the thixotropy of conventional concrete: The influence of viscosity modifying agent, superplasticiser and water
Authors : Kolawole, J.T. et al;
Pages : 853-867
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43492
- 195 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Influence of wetting-drying curing system on the performance of fiber reinforced metakaolin-based geopolymer composites
Authors : Arslan, A. A. et al;
Pages : 909-926
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43493

- 196 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Realistic 3D modeling of concrete composites
with randomly distributed aggregates by using
aggregate expansion method
Authors : Zang, H. et al;
Pages : 927-940
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43494
- 197 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Experimental study of moment sharing in multi- joist
timber-concrete composite floor from zero load up to failure
Authors : Mudie, J. et al;
Pages : 956-971
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43495
- 198 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Mechanical properties and mineralogy of artisanal clay
bricks manufactured in Dididi, Limpopo South Africa
Authors : Monatshebe, T. et al;
Pages : 972-982
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43496
- 199 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Mechanical properties of recycled aggregates
concrete containing crumb rubber and polypropylene fiber
Authors : Hossian, F.M.Z et al;
Pages : 983-996
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43497

- 200 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Mechanical experiment evaluation of the microvascular self-healing capability of bitumen using hollow fibers containing oily rejuvenator
Authors : Guo, Y.-D. et al;
Pages : 1026-1035
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43498
- 201 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Influence of the incorporation of phase change materials on temperature development in mortar at early ages: Experiments and numerical simulation
Authors : Kheradmand, M. et al;
Pages : 1036-1051
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43499
- 202 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Study on aging performance of modified asphalt binders based on characteristic peaks and molecular weights
Authors : Zhou, H. et al;
Pages : 1077-1085
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43500

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- 203 Journal : Construction and Building Materials
Year : 2019
Period : November
Volume : 225
Issue : 2
Title : Comparison of infrared thermography, ground-penetrating radar and ultrasonic pulse echo for

- detecting delaminations in concrete bridges
- Authors : Janku, M. et al;
 Pages : 1098-1111
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43501
- 204 Journal : Construction and Building Materials
 Year : 2019
 Period : November
 Volume : 225
 Issue : 2
 Title : Novel testing and characterization of GFRP bars
 in compression
 Authors : Alajarmeh, O.S. et al;
 Pages : 1112-1127
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43502
- 205 Journal : Construction and Building Materials
 Year : 2019
 Period : November
 Volume : 225
 Issue : 2
 Title : Fresh and hardened state behaviour of aerial
 lime mortars with superplasticizer
 Authors : Silva, B. et al;
 Pages : 1127-1139
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43503
- 206 Journal : Construction and Building Materials
 Year : 2019
 Period : November
 Volume : 225
 Issue : 2
 Title : Mineralogical and mechanical characterization of rammed
 earth external rendering of the south of portugal
 Authors : Mateus, L. et al;
 Pages : 1160-1169
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43504

** - Keywords

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Articles Check List

- 207 Journal : Construction and Building Materials
 Year : 2019
 Period : November
 Volume : 225
 Issue : 2

- Title : Segmented fractal pore structure covering nano- and micro-ranges in cementing composites produced with GGBS
 Authors : Yang, J. et al;
 Pages : 1170-1181
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43505
- 208 Journal : Construction and Building Materials
 Year : 2019
 Period : November
 Volume : 225
 Issue : 2
 Title : Statistical analysis of acoustic emissions generated during unconfined uniaxial compression of cementitious materials
 Authors : Vidya Sagar, R. et al;
 Pages : 692-708
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43506
- 209 Journal : Construction and Building Materials
 Year : 2019
 Period : November
 Volume : 225
 Issue : 2
 Title : Potential use of waste tire rubber as aggregate in cement concrete - A comprehensive review
 Authors : Li, Y. et al;
 Pages : 1183-1201
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43507
- 210 Journal : Advances in Cement Research
 Year : 2019
 Period : September
 Volume : 31
 Issue : 8
 Title : Long- term mechanical properties of cellulose fibre-reinforced cement mortar with diatomite
 Authors : Ince, C et al;
 Pages : 343-352
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43508

** - Keywords

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Articles Check List

- 211 Journal : Advances in Cement Research
 Year : 2019
 Period : September
 Volume : 31
 Issue : 8

Title : Effect of calcined dolomite addition on sodium carbonate-activated slag cements with different curing methods
Authors : Zhang, W. et al;
Pages : 362-369
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43509

212 Journal : Advances in Cement Research
Year : 2019
Period : September
Volume : 31
Issue : 8
Title : Early carbonation curing effects on the microstructure of high initial strength Portland cement pastes
Authors : Neves Junior, A, et al;
Pages : 382-388
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43510

213 Journal : Advances in Cement Research
Year : 2019
Period : October
Volume : 31
Issue : 9
Title : Effect of sodium chloride on the mechanical properties of slag composite matrix geopolymer
Authors : He, W. et al;
Pages : 389-398
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43511

214 Journal : Advances in Cement Research
Year : 2019
Period : October
Volume : 31
Issue : 9
Title : Acceleration effect of synthesised calcium silicate hydrate with different morphologies and Ca/Si on cement hydration
Authors : Zhang, H. et al;
Pages : 423-434
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43512

** - Keywords

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Articles Check List

215 Journal : Magazine of Concrete Research
Year : 2019
Period : February
Volume : 71
Issue : 3 and 4

Title : Reinforced concrete frame analysis with mode of failure prediction capability
Authors : Kotsovos, G.M. and Zygouris, N.S.
Pages : 109-125
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43513

216 Journal : Magazine of Concrete Research
Year : 2019
Period : February
Volume : 71
Issue : 3 and 4
Title : Effects of viscosity-reducing and early-strength enhancing polycarboxylate superplasticiser on cement-based materials with 50% GGBFS
Authors : Tang, X. and Wen, J.
Pages : 144-151
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43514

217 Journal : Magazine of Concrete Research
Year : 2019
Period : February
Volume : 71
Issue : 3 and 4
Title : Properties of fibre-reinforced concrete made with discarded materials
Authors : Alnahhal, W. et al;
Pages : 152-162
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43515

218 Journal : Magazine of Concrete Research
Year : 2019
Period : February
Volume : 71
Issue : 3 and 4
Title : Seismic performance of RC short columns with buckling restraint reinforcement
Authors : Mitra, D. C. and Bindhu, K.R.
Pages : 163-174
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43516

** - Keywords

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Articles Check List

219 Journal : Magazine of Concrete Research
Year : 2019
Period : February

- Volume : 71
Issue : 3 and 4
Title : Effect of calcium nitrate healing microcapsules
on concrete strength and air permeability
Authors : Al-Ansari, M. et al;
Pages : 195-206
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43517
- 220 Journal : Magazine of Concrete Research
Year : 2019
Period : February
Volume : 71
Issue : 3 and 4
Title : Experimental study on katz-thompson model for
concrete materials and determination of K-T constant
Authors : Guan, X. et al;
Pages : 207-215
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43518
- 221 Journal : Magazine of Concrete Research
Year : 2019
Period : March
Volume : 71
Issue : 5 and 6
Title : Effect of coarse aggregate content on shear
friction of concrete
Authors : lin, C.H. et al;
Pages : 217-227
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43519
- 222 Journal : Magazine of Concrete Research
Year : 2019
Period : March
Volume : 71
Issue : 5 and 6
Title : Mescoscale studies in the effect of aggregate
shape idealisation in concrete
Authors : Thirumalaiselvi, A. et al;
Pages : 244-259
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43520

** - Keywords

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Articles Check List

- 223 Journal : Magazine of Concrete Research
Year : 2019
Period : March

Volume : 71
Issue : 5 and 6
Title : Early-age strength development in fly ash blended cement
composites: investigation through chemical activation
Authors : Hemalatha, T. and Sasmal, S.
Pages : 260-270
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43521

224 Journal : Magazine of Concrete Research
Year : 2019
Period : March
Volume : 71
Issue : 5 and 6
Title : Prediction of shear strength of FRP-reinforced
concrete members using a rule-based method
Authors : Abbasloo, A. A. et al ;
Pages : 271-286
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43522

225 Journal : Magazine of Concrete Research
Year : 2019
Period : March
Volume : 71
Issue : 5 and 6
Title : Effect of water-to-cement ratio on sulfo-
aluminate type cementitious grouting materials
Authors : Chen, X. et al;
Pages : 298-308
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43523

226 Journal : Magazine of Concrete Research
Year : 2019
Period : March
Volume : 71
Issue : 5 and 6
Title : Retrofitting of faulty reinforced concrete frame
structures using two strengthening techniques
Authors : Afefy, H. M. et al;
Pages : 309-323
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43524

** - Keywords

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Articles Check List

227 Journal : Magazine of Concrete Research
Year : 2019

- Period : April
 Volume : 71
 Issue : 7 and 8
 Title : Specifying resistance against carbonation-induced corrosion by performance
 Authors : Harrsion, T. A.
 Pages : 341-348
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43525
- 228 Journal : Magazine of Concrete Research
 Year : 2019
 Period : April
 Volume : 71
 Issue : 7 and 8
 Title : A simplified probabilistic model for the combined action of carbonation and chloride ingress
 Authors : Zhu, X. et al;
 Pages : 327-340
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43526
- 229 Journal : Magazine of Concrete Research
 Year : 2019
 Period : April
 Volume : 71
 Issue : 7 and 8
 Title : Influence of calcium content on structure and strength of MSWI bottom ash-based geopolymer
 Authors : Huang, G. et al ;
 Pages : 362-372
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43527
- 230 Journal : Magazine of Concrete Research
 Year : 2019
 Period : April
 Volume : 71
 Issue : 7 and 8
 Title : Experimental evaluation of tensile strength test methods for steel fibre-reinforced concrete
 Authors : Go aiz, H. A. et al;
 Pages : 385-394
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43528

** - Keywords

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Articles Check List

- 231 Journal : Magazine of Concrete Research
 Year : 2019

Period : April
Volume : 71
Issue : 7 and 8
Title : Dispersion and reinforcement efficiency of carbon nanotubes in cementitious composites
Authors : Ahmed, H. et al;
Pages : 408-423
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43529

232 Journal : Magazine of Concrete Research
Year : 2019
Period : April
Volume : 71
Issue : 7 and 8
Title : Properties of strain-hardening cement composites with superabsorbent polymer particles
Authors : Jang, S. J. et al;
Pages : 437-447
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43530

233 Journal : Magazine of Concrete Research
Year : 2019
Period : July
Volume : 71
Issue : 13 and 14
Title : Effect of magnetic field intensity on fracture behaviours of self-compacting lightweight concrete
Authors : Salehi, H. and Mazloom, M.
Pages : 665-679
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43531

234 Journal : Magazine of Concrete Research
Year : 2019
Period : July
Volume : 71
Issue : 13 and 14
Title : High-strength concrete mixture with calcined zeolite particles for shrinkage reduction
Authors : Zhang, J. et al;
Pages : 690-699
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43532

** - Keywords

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Articles Check List

235 Journal : Magazine of Concrete Research
Year : 2019

Period : July
Volume : 71
Issue : 13 and 14
Title : Bond behaviour between steel bar and concrete
under sustained load and dry-wet cycles
Authors : Shang, H. et al;
Pages : 700-709
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43533

236 Journal : Magazine of Concrete Research
Year : 2019
Period : July
Volume : 71
Issue : 13 and 14
Title : Analytical seismic performance assessment of
hollow reinforced-concrete bridge columns
Authors : kim, T.H.
Pages : 719-733
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43534

237 Journal : Magazine of Concrete Research
Year : 2019
Period : July
Volume : 71
Issue : 13 and 14
Title : Flexural Behaviour of RC beams strengthened with
combinations of two CFRP systems and P-SWRs
Authors : Li, X et al;
Pages : 749-760
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43535

238 Journal : Magazine of Concrete Research
Year : 2019
Period : August
Volume : 71
Issue : 15 and 16
Title : Influence of steam curing on compressive fatigue
performance of high-volume slag concrete
Authors : Yan, X. et al;
Pages : 773-780
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43536

** - Keywords

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Articles Check List

239 Journal : Magazine of Concrete Research

- Year : 2019
 Period : August
 Volume : 71
 Issue : 15 and 16
 Title : Study of compressive behaviour of FRP-recycled aggregate concrete-steel stub columns
 Authors : Zeng, L. et al;
 Pages : 794-808
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43537
- 240 Journal : Magazine of Concrete Research
 Year : 2019
 Period : August
 Volume : 71
 Issue : 15 and 16
 Title : Potential use of small-diameter concrete cores for in situ compressive strength assessment
 Authors : El - Moussaoui, M.et al;
 Pages : 809-826
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43538
- 241 Journal : Magazine of Concrete Research
 Year : 2019
 Period : August
 Volume : 71
 Issue : 15 and 16
 Title : Flexural and shear capacities of semi-precast RC beams with embedded steel connections
 Authors : Liu, C. et al;
 Pages : 827-846
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43539
- 242 Journal : Magazine of Concrete Research
 Year : 2019
 Period : August
 Volume : 71
 Issue : 15 and 16
 Title : Effect of grading type of aggregate on fracture parameters of concrete
 Authors : Ince, R. and Cetin, S.Y
 Pages : 860-868
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43540

** - Keywords

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- 243 Journal : Magazine of Concrete Research
Year : 2019
Period : September
Volume : 71
Issue : 17 and 18
Title : Transmission length of pretensioned concrete systems - comparison of codes and test data
Authors : Mohandoss, P. et al;
Pages : 881-893
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43541
- 244 Journal : Magazine of Concrete Research
Year : 2019
Period : September
Volume : 71
Issue : 17 and 18
Title : Evaluation of bond-slip behaviour of embedded rebars through control field equations
Authors : Wang, S. et al;
Pages : 907-919
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43542
- 245 Journal : Magazine of Concrete Research
Year : 2019
Period : September
Volume : 71
Issue : 17 and 18
Title : Explicit analytical model for seismic shear strength of RC bridge columns
Authors : Wang, Z. et al;
Pages : 935-948
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43543
- 246 Journal : Magazine of Concrete Research
Year : 2019
Period : September
Volume : 71
Issue : 17 and 18
Title : Effect of confinement on the efficiency of bottle-shaped struts
Authors : Sahoo, D.K. et al;
Pages : 965-974
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43544

** - Keywords

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- 247 Journal : Magazine of Concrete Research
Year : 2019
Period : October
Volume : 71
Issue : 19 and 20
Title : Experimental study of shear behaviour of
concrete-encased non-prismatic girder with CSWs
Authors : Deng, W. et al;
Pages : 989-1005
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43545
- 248 Journal : Magazine of Concrete Research
Year : 2019
Period : October
Volume : 71
Issue : 19 and 20
Title : Post-fire flexural performance of hybrid-fibre-
reinforced SCC symmetric inclination beams
Authors : Zhang, C. et al;
Pages : 1025-1042
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43546
- 249 Journal : Magazine of Concrete Research
Year : 2019
Period : October
Volume : 71
Issue : 19 and 20
Title : Longitudinal axial strain in plastic hinge
regions of reinforced-concrete columns
Authors : Lee, J. Y. et al;
Pages : 1043-1069
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43547
- 250 Journal : Magazine of Concrete Research
Year : 2019
Period : October
Volume : 71
Issue : 19 and 20
Title : Creep and shrinkage of synthetic fibre-
reinforced geopolymer concrete
Authors : Noushini, A. et al;
Pages : 1070-1082
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43548

- 251 Journal : Magazine of Concrete Research
Year : 2019
Period : October
Volume : 71
Issue : 19 and 20
Title : Parametric analysis on punching shear resistance of reinforced-concrete continuoud slabs
Authors : Belletti, B. et al;
Pages : 1083-1095
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43549
- 252 Journal : Magazine of Concrete Research
Year : 2019
Period : October
Volume : 71
Issue : 19 and 20
Title : Behaviour and design of air-cured GFRP-reinforced geopolymer concrete square columns
Authors : Elchalakani, M. et al;
Pages : 1006-1024
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43550
- 253 Journal : Journal of the Geological Society of India
Year : 2019
Period : March
Volume : 93
Issue : 3
Title : Itacolumite (Flexible sandstone) from Kaliana,Charkhi Dadri District, Haryana, india
Authors : Kumar Pawan. et al
Pages : 278-284
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43551
- 254 Journal : Journal of the Geological Society of India
Year : 2019
Period : March
Volume : 93
Issue : 3
Title : Assessment of ground water pollution vulnerability using GIS based modified DRASTIC model in Raipur City, Chhattisgarh
Authors : Khan, Rubi and Jhariya, D. C.
Pages : 293-304
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43552

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Articles Check List

- 255 Journal : Journal of the Geological Society of India
Year : 2019
Period : March
Volume : 93
Issue : 3
Title : Disaster Management Dynamics - An analysis of Chaos from the
Flash Flood (2013) in the Fragile Himalayan System
Authors : Sen, R and Chakrabarti, S.
Pages : 321-330
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43553
- 256 Journal : Journal of the Geological Society of India
Year : 2019
Period : March
Volume : 93
Issue : 3
Title : Stability evaluation of old and unapproachable
Underground mine workings below surface structures
Authors : Kushwaha, A. et al;
Pages : 351-359
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43554
- 257 Journal : J ournal of the Geological Society of India
Year : 2019
Period : March
Volume : 93
Issue : 3
Title : The effect of geological factors on the grout curtain
performance analysis of Darian Dam using the results of
Instrumentation Data in the first Impounding
Authors : Seyed Mahmoud Fatemi Aghda. et al;
Pages : 360-368
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43555

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Articles Check List

- 258 Journal : J ournal of the Geological Society of India
Year : 2019
Period : April
Volume : 93
Issue : 4

Title : Factors influencing detriaral mineralogy and tectono-
provenance of fort member sandstone, jaisalmer formation,
western rajasthan, india
Authors : Ahmad, F. et al;
Pages : 392-398
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43556

259 Journal : J ournal of the Geological Society of India
Year : 2019
Period : April
Volume : 93
Issue : 4
Title : Gravity and magnetic survey in southwestern part of cuddapah
basin, india and its implication for shallow crustal
architecture and Mineralization
Authors : S. S . Ganguli,. et al;
Pages : 419-430
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43557

260 Journal : J ournal of the Geological Society of India
Year : 2019
Period : April
Volume : 93
Issue : 4
Title : Characteristics of the palynomorphs and
hydrocarbon potential in the continental permian
Raniganj formation, Banespatali Nala, westBengal
Authors : Sinha, H. N. et al;
Pages : 431-436
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43558

** - Keywords

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Articles Check List

261 Journal : J ournal of the Geological Society of India
Year : 2019
Period : April
Volume : 93
Issue : 4
Title : Mineralogical and chemical characterization of low grade
iron ore fines from Barsua Area, Eastern India with
Implications on Beneficiation and waste utilization
Authors : Patra, S. et al;
Pages : 443-454
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43559

- 262 Journal : J ournal of the Geological Society of India
Year : 2019
Period : April
Volume : 93
Issue : 4
Title : Scope of 3-D printing in mining and geology: An Overveiw
Authors : Bishwal, R.M.
Pages : 482-486
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43560
- 263 Journal : J ournal of the Geological Society of India
Year : 2019
Period : may
Volume : 93
Issue : 5
Title : Distribution of Inertinites in the early paleogene lignites
of western india: on the possibility of wildfire activities
Authors : Rajak, P.K. et al;
Pages : 523-532
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43561
- 264 Journal : J ournal of the Geological Society of India
Year : 2019
Period : may
Volume : 93
Issue : 5
Title : Alteration assemblages and P-T during the second
phase of hydrothermal mineralization in the
hutti gold deposit, Raichur District, karnataka
Authors : Badhe, k.V. and Pandalai, H.S.
Pages : 546-554
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43562

** - Keywords

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Articles Check List

- 265 Journal : J ournal of the Geological Society of India
Year : 2019
Period : may
Volume : 93
Issue : 5
Title : Assessment of groundwater pollution vulnerability using GIS-
based DRASTIC model and its validation using nitrate
concentration in Tandula Watershed, Chhattisgarh
Authors : Jhariya, D.C.
Pages : 567-573
Notes : E 4029-30
Addl Sbj : C 1316

Cntrl No.: 43563

266 Journal : J ournal of the Geological Society of India
Year : 2019
Period : may
Volume : 93
Issue : 5
Title : Occurrence and depositional environment of the
genus actinocythereis (Ostracod) from the lower
miocene sediments of kachchh, gujarat
Authors : Nidhi Bhanat. et al;
Pages : 594-596
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43564

267 Journal : J ournal of the Geological Society of India
Year : 2019
Period : may
Volume : 93
Issue : 5
Title : Correlation of tectonics with geologic
lineaments interpreted from remote sensing data
for kandiah valley, Khyber-Pakhtunkhwa, Pakistan
Authors : Mian Sohail Akram. et al;
Pages : 607-613
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43565

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Articles Check List

268 Journal : J ournal of the Geological Society of India
Year : 2019
Period : June
Volume : 93
Issue : 6
Title : Estimation of Paleo-ice sheet thickness and
evolution of landforms in schirmacher Oasis and
adjoining area, cDML, East Antarctica
Authors : Mahata, H.K. and Maiti, R.
Pages : 638-644
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43566

269 Journal : J ournal of the Geological Society of India
Year : 2019
Period : June
Volume : 93
Issue : 6
Title : Upper cretaceous and early paleogene smaller
calcareous benthic foraminifera from Cauvery

Basin, Southeast india
Authors : Govindan, A. and Vijayan, R.
Pages : 675-683
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43567

270 Journal : J ournal of the Geological Society of India
Year : 2019
Period : June
Volume : 93
Issue : 6
Title : Comparative evaluation of GIS Based landslide hazard zonation maps using different approaches.
Authors : Versain, L.D.
Pages : 684-692
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43568

271 Journal : J ournal of the Geological Society of India
Year : 2019
Period : June
Volume : 93
Issue : 6
Title : Report on the field training workshop entitled "Amba Dongar Carbonatite-Alkaline Rocks and Associated Mineral Deposits"
Authors : Viladkar, S. et al;
Pages : 727-728
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43569

** - Keywords

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Articles Check List

272 Journal : J ournal of the Geological Society of India
Year : 2019
Period : June
Volume : 93
Issue : 6
Title : A New doubtful Microfossil from pyrite deposit at amjhore bijaigarh shale, (Upper Mesoproterozoic)
Authors : Shrivastava, K.L. et al;
Pages : 729-729
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43570

273 Journal : J ournal of the Geological Society of India
Year : 2019
Period : August
Volume : 94

Issue : 2
Title : Evidence of K/PB transition linked
crystallographic defects in the smectites
associated with the jhilmili interrappian bed,
central india
Authors : Pal.S. et al;
Pages : 142-148
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43571

274 Journal : J ournal of the Geological Society of India
Year : 2019
Period : August
Volume : 94
Issue : 2
Title : Palaeoecological analysis of benthic molluscs
from the ecoene of kutch, gujarat reveals and
event of storm induced concentration of shells
in a Quiet Marginal Marine environment.
Authors : Banerjee, S. et al;
Pages : 162-170
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43572

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Articles Check List

275 Journal : J ournal of the Geological Society of India
Year : 2019
Period : August
Volume : 94
Issue : 2
Title : Relative Assessment of tectonic activity along
the seismically active katrol hill fault,
kachchh, western india
Authors : Das, A. et al;
Pages : 179-187
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43573

276 Journal : J ournal of the Geological Society of India
Year : 2019
Period : August
Volume : 94
Issue : 2
Title : Comparative evaluation of active tectonics in
parts of the frontal region of NW Himalaya,
India by geomorphic analysis and geophysical
investigation
Authors : Nath, S. et al;
Pages : 197-205
Notes : E 4029-30

Addl Sbj : C 1316
Cntrl No.: 43574

277 Journal : Journal of the Geological Society of India
Year : 2019
Period : August
Volume : 94
Issue : 2
Title : National Seminar on "Strategic Mineral
Exploration for Sustainable Development:
Emerging Trends and Challenges" (SMEET-2019)
Authors : Verma, M.B.
Pages : 218-218
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43575

** - Keywords

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Articles Check List

278 Journal : Journal of the Geological Society of India
Year : 2019
Period : September
Volume : 94
Issue : 3
Title : Quantification of quartz reefs and mafic dykes
of bundelkhand, craton, central India: A study
Based on spatial and fractal analysis
Authors : Das, D. et al;
Pages : 227-237
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43576

279 Journal : Journal of the Geological Society of India
Year : 2019
Period : September
Volume : 94
Issue : 3
Title : Development and management of base flow of a
sand-dominated alluvial aquifer of a large
ephemeral river for drinking water supply in
semi-arid and fluoride affected areas: examples
of the river mayurakshi, birbhum district, west
bengal, India
Authors : Sikdar, P.K. et al;
Pages : 249-259
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43577

280 Journal : Journal of the Geological Society of India
Year : 2019
Period : September
Volume : 94
Issue : 3
Title : Elucidation of provenance, palaeoclimate and tectonic setting of the gondwana sandstones of Arunachal Himalayas: A petrographic Approach
Authors : Mahanta, B.N. et al;
Pages : 260-266
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43578

** - Keywords

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Articles Check List

281 Journal : Journal of the Geological Society of India
Year : 2019
Period : September
Volume : 94
Issue : 3
Title : Applicability of Magnetic and geochemical characterization techniques to assess the evolution of estuarine systems: A case study of gad river estuary sediments, Maharashtra
Authors : Gawali, P.B. et al;
Pages : 267-274
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43579

282 Journal : Journal of the Geological Society of India
Year : 2019
Period : September
Volume : 94
Issue : 3
Title : Detection of old mine workings over a part of jharia coal field, india using electrical resistivity Tomography
Authors : Abhay kumar Bharti. et al;
Pages : 290-296
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43580

283 Journal : Journal of the Geological Society of India
Year : 2019
Period : October
Volume : 94
Issue : 4
Title : Hydrogeochemistry as a Tool for platinum group element (PGE) exploration - A case study from sittampundi Anorthosite complex, southern India

Authors : Balram, V. et al;
Pages : 341- 350
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43581

** - Keywords

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Articles Check List

- 284 Journal : Journal of the Geological Society of India
Year : 2019
Period : October
Volume : 94
Issue : 4
Title : Reappraisal on depositional environments of glaciogenic talchir sediments around savarla village from bandar basin, chandrapur district, central india
Authors : Murkute, Y. A.
Pages : 367-374
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43582
- 285 Journal : Journal of the Geological Society of India
Year : 2019
Period : October
Volume : 94
Issue : 4
Title : Hydrochemistry and arsenic contamination of shallow aquifers in Bidyananda and Nazimkhan unions Rajarhat upazilla, Kurigram, Bangladesh.
Authors : Moni, S.A. et la;
Pages : 395-404
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43583
- 286 Journal : Journal of the Geological Society of India
Year : 2019
Period : October
Volume : 94
Issue : 4
Title : Fossil wood of subfamily detarioideae (family fabaceae) from the paleogene of the indian subcontinent origin and palaeo-disperal pathways.
Authors : Shukla, A. et al;
Pages : 411-415
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43584

** - Keywords

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- 287 Journal : Journal of the Geological Society of India
Year : 2019
Period : October
Volume : 94
Issue : 4
Title : Study of uranium in drinking water around the
sohna fault line in haryana
Authors : Chahal, A. et al;
Pages : 428-436
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43585
- 288 Journal : Journal of the Geological Society of India
Year : 2019
Period : November
Volume : 94
Issue : 5
Title : Morphotectonic evolution of the siwalik hills
between the yamuna and the markanda river exits,
NW Himalaya
Authors : Sharma,M. et al;
Pages : 453-463
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43586
- 289 Journal : Journal of the Geological Society of India
Year : 2019
Period : November
Volume : 94
Issue : 5
Title : A new record of acanthomorphic acritarch
tappania yin from the early mesoproterozoic
saraipali formation, singhora group,
chhattisgarh supergroup, india and its
biostratigraphic significance.
Authors : Singh, V.K. et al;
Pages : 471-479
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43587

- 290 Journal : Journal of the Geological Society of India
Year : 2019
Period : November
Volume : 94
Issue : 5
Title : Seasonal variations of streams hydrochemistry and relationships with morphometric/landcover parameters in the bhagirathi watersheds, Garhwal Himalaya, India
Authors : Ansari, Z. et al;
Pages : 493-500
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43588
- 291 Journal : Journal of the Geological Society of India
Year : 2019
Period : November
Volume : 94
Issue : 5
Title : Assessment of domestic water use pattern and drinking water quality of sikkim, North Eastern Himalaya, India: A cross-sectional study
Authors : Shit, P.K. et al;
Pages : 507-514
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43589
- 292 Journal : Journal of the Geological Society of India
Year : 2019
Period : November
Volume : 94
Issue : 5
Title : Natural Radioactivity on soil, Associated radiation exposure and cancer risk to population of Eastern Haryana, india
Authors : Daulta, R. et al;
Pages : 525-532
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43590

** - Keywords

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- 293 Journal : Journal of the Geological Society of India
Year : 2019
Period : December
Volume : 94
Issue : 6
Title : Petrochemistry and Sr, Nd, Pb, Isotopic

characteristics of basic dykes of mikir Hills, Assam
Authors : Dhurandhar, A.P. et al;
Pages : 559-572
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43591

294 Journal : Journal of the Geological Society of India
Year : 2019
Period : December
Volume : 94
Issue : 6
Title : Polycyclic aromatic hydrocarbons in permian
coals of india: source and significance
Authors : Naik, A.S.
Pages : 579-582
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43592

295 Journal : Journal of the Geological Society of India
Year : 2019
Period : December
Volume : 94
Issue : 6
Title : Potential use of ASTER derived emissivity,
thermal inertia and albedo image for
discriminating different rock types of aravalli
group of rocks, Rajasthan
Authors : Rani, K. et al;
Pages : 583-589
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43593

296 Journal : Journal of the Geological Society of India
Year : 2019
Period : December
Volume : 94
Issue : 6
Title : Groundwater quality appraisal and its
hydrogeochemical characterization-Mathura City,
Western Uttar Pradesh.
Authors : Ahmad, S. et al;
Pages : 611-623
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43594

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297 Journal : Journal of the Geological Society of India
Year : 2019
Period : December

- Volume : 94
 Issue : 6
 Title : Hydrochemical characteristics and quality assessment of stream water in parts of gadag, Koppal and Ballery Districts of Karnataka, India
 Authors : Ahmad Bhat, N. et al;
 Pages : 635-640
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43595
- 298 Journal : Journal of the Geological Society of India
 Year : 2020
 Period : January
 Volume : 95
 Issue : 1
 Title : Global Geochemical baseline mapping in India for environment using topsoil
 Authors : Govil, R.K. et al;
 Pages : 9-16
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43596
- 299 Journal : Journal of the Geological Society of India
 Year : 2020
 Period : January
 Volume : 95
 Issue : 1
 Title : Sonapani Glacier recession over a century from 1906-2016, Chandra Basin, Himachal Himalaya.
 Authors : Majeed, Z. et al;
 Pages : 36-44
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43597
- 300 Journal : Journal of the Geological Society of India
 Year : 2020
 Period : January
 Volume : 95
 Issue : 1
 Title : A new coryphoid palm from the maastrichtian-danian sediments of Madhya Pradesh and its palaeo-environmental Implications
 Authors : Khan, M.A. et al;
 Pages : 75-83
 Notes : E 4029-30
 Addl Sbj : C 1316
 Cntrl No.: 43598

- 301 Journal : Journal of the Geological Society of India
Year : 2020
Period : January
Volume : 95
Issue : 1
Title : Assessment of ground water quality of central
and southeast districts of NCT of Delhi.
Authors : Bidhuri, S. and Khan, M.M.A.
Pages : 95-103
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43599
- 302 Journal : Journal of the Geological Society of India
Year : 2020
Period : January
Volume : 95
Issue : 1
Title : Landslides in India: Issues and perspective
Authors : Sharma, V.K.
Pages : 110-110
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43600

- 1 Journal : Journal of the Geological Society of India
Year : 2020
Period : January
Volume : 95
Issue : 1
Title : Landslides in India: Issues and perspective
Authors : Sharma, V.K.
Pages : 110-110
Notes : E 4029-30
Addl Sbj : C 1316
Cntrl No.: 43600
- 2 Journal : Metrologia
Year : 2019
Period : February
Volume : 56
Issue : 1
Title : Cobalt determination in the hair of patients
after metal-on-metal hip implants by
instrumental neutron activation analysis
Authors : Gerster, T. et al;
Pages : (014001) 1-6
Notes : E 4030-31
Addl Sbj : C 1317
Cntrl No.: 43602
- 3 Journal : Metrologia
Year : 2019
Period : February
Volume : 56
Issue : 1
Title : Correction for stress-induced optical path
length changes in a refractometer cell at
variable external pressure
Sub Ttl :
Authors : Bartl, Guido et al;
Pages : 015001
Rep/Tr. :
Notes : E 4030-31
Addl Sbj : C 1316
Supp.Flg :
Abstract :
Cntrl No.: 43603
- 4 Journal : Metrologia
Year : 2019
Period : February
Volume : 56
Title : Comparision of xenon triple point realization
Sub Ttl : 015008
Authors : Steur, P P M. et al
Pages : 1-12
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43604

- 5 Journal : Metrologia
Year : 2019
Period : April
Volume : 56
Issue : 2
Title : Metrologically traceable quantification of trifluoroacetic acid content in peptide reference materials by ¹⁹F solid - State NMR
Authors : Brinkmann, A et al
Pages : 1-10
Rep/Tr. : 024002
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43605
- 6 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 233
Title : Shrinkage properties of concretes using blast furnace slag and frost-resistant accelerator
Authors : Chol, H. et al
Pages : 1-9
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43606
- 7 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Dark, heat-reflective, anti-ice rain and superhydrophobic cement concrete surfaces
Authors : Zhu, C. et al
Pages : 21-28
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43607
- 8 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : The effects of hollow glass microsphere modification on the road performance and thermal performance of asphalt binder and mixture
Authors : Feng, C. et al,
Pages : 64-75
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43608

- 9 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Laboratory and field study on the performance of microcapsule-based self-healing concrete in tunnel engineering
Authors : Wang, X. et al,
Pages : 90-101
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43609
- 10 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Effect of nano-silica on hydration, microstructure of alkali-activated slag
Authors : Wang, J. et al,
Pages : 110-118
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43610
- 11 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Formation of friedel's salt using steel slag and potash mine brine water
Authors : Wang, X. et al
Pages : 119-127
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43611
- 12 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Fresh and hardened properties of cement mortars using marble sludge fines and cement sludge fines
Authors : Xi, Y. et al
Pages : 142-148
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43612

- 13 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Self-stress sensing smart concrete containing
fine steel slag aggregates and steel fibers
under high compressive stress
Authors : Lee, S. Y. et al
Pages : 149-160
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43613
- 14 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Eriobotrya japonica lindl leaves extract
application for effective corrosion mitigation
of mid steel in HCl solution: experimental and
computational studies
Authors : Nikpour, S. et al
Pages : 161-176
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43614
- 15 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Rheological properties of asphalt binder
modified with recycled asphalt materials and
light-activated self-healing polymers
Authors : Shirzad, S. et al
Pages : 187-195
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43615
- 16 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Investigate the influence of expanded clay
aggregate and silica fume on the properties of
lightweight concrete
Authors : Ahmad, M.R. et al
Pages : 253--266
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43616

- 17 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Influence of the polymer structure of polycarboxylate-based superplasticizers on the intercalation behaviour in montmorillonite clays
Authors : Borralleras, P. et al
Pages : 285-296
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43617
- 18 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Preperation and characterization of a red mud-based road base material: strength formation mechanism and leaching characteristics
Authors : Mukiza, E. et al
Pages : 297-307
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43618
- 19 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Experimental investigations of fracture toughness and crack initiation in marble under different freezing and thermal cyclic loading
Authors : Dehghani, B. and Faramarzi, L.
Pages : 340-352
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43619
- 20 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Iron ore tailing-based geopolymer containing glass wool residue: A study of mechanical and microstructural properties
Authors : Do Carmo e Silva Defaveri, K. et al;
Pages : 375-385
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43620

- 21 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Flexural properties and impact behaviour
analysis of bamboo cellulosic fibers filled
cement based composites
Authors : Xie, X. et al;
Pages : 403-414
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43621
- 22 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : A finite element study of rain intensity on skid
resistance for permeable asphalt concrete mixes
Authors : Tang, T. et al;
Pages : 464-475
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43622
- 23 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Performance assessment of geopolymer concrete
with partial replacement of ferrochrome slag as
coarse aggregate
Authors : Jena, S. and Panigrahi, R.
Pages : 525-537
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43623
- 24 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Effect of electrochemical chloride removal and
ground granulated blast furnace slag on the
chloride binding of cement paste subjected to
NaCl and Na₂SO₄
Authors : Yu, L.B. et al;
Pages : 538-564
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43624

- 25 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Effect of cement and emulsified asphalt contents
on the performance of cement-emulsified asphalt
mixture
Authors : Xiao, J. et al;
Pages : 577-586
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43625
- 26 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Product and properties of steam cured cement
mortar containing lithium slag under partial
immersion in sulfate solution
Authors : Li, B. et al ;
Pages : 596-606
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43626
- 27 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Water absorption characteristics of cement-based
materials based on the chemical reaction
Authors : Wang, X. et al;
Pages : 607-614
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43627
- 28 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Identification of the structural damage
mechanism of BFRP bars reinforced concrete beams
using smart transducers based on time reversal
method
Authors : Zhou, L. et al;
Pages : 615-627
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43628

- 29 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Aging degradation of asphalt binder by narrow-band UV radiations with a range of dominant wavelengths
Authors : Li, Y. et al;
Pages : 637-650
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43629
- 30 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Impact resistance, microstructures and digital image processing on self-compacting concrete with hookedend and crimped steel fiber
Authors : Mahakavi, P. and Chithra, R. et al;
Pages : 651-666
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43630
- 31 Journal : Construction and Building Materials
Year : 2019
Period : September
Volume : 220
Title : Multivariate performance optimisation of scaffold boards with selected softwood defects
Authors : Algin, Z. et al;
Pages : 667-678
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43631
- 32 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Stabilization of expansive soil using cementing material from rice husk ash and calcium carbide residue
Authors : Liu, Y. et al;
Pages : 1-11
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43632

- 33 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Influence of seawater aging on mechanical properties of nano-Al₂O₃ embedded glass fiber reinforced polymer nanocomposites
Authors : Nayak, R.K.
Pages : 12-19
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43633
- 34 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : A systematic study on polymer modified alkali-activated slag- Part I: Stability analysis of colloidal polymer dispersion in sodium water glass
Authors : Lu, Z. et al;
Pages : 40-49
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43634
- 35 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Effect of steel fibers on the compressive and splitting tensile behaviors of cellular concrete with millimeter-size pores
Authors : Wang, X.-h. et al;
Pages : 60-73
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43635
- 36 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Thermoregulation effect analysis of microencapsulated phase change thermoregulation agent for asphalt pavement
Authors : Tian, Y.-x. et al;
Pages : 139-150
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43636

- 37 Journal : C onstruction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Effect of incorporation of raw vermiculite as partial sand replacement on the properties of self-compacting mortars at elevated temperature
Authors : Karatas, M. et al;
Pages : 163-176
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43637
- 38 Journal : C onstruction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Experimental and finite element analysis on thermal conductivity of burnt clay bricks reinforced with fibers
Authors : Rashid, K. et al;
Pages : 190-199
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43638
- 39 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Control of water absorption in concrete materials by modification with hybrid hydrophobic silica particles
Authors : Mora, E. et al;
Pages : 210-218
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43639
- 40 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Enhanced seawater corrosion resistance of reinforcement in nanophase modified fly ash concrete
Authors : Uthaman, S. et al;
Pages : 232-243
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43640

- 41 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Microstructure and microhardness property of the interface between a metakaolin/GGBFS-based geopolymer paste and granite aggregate
Authors : Peng, H. et al;
Pages : 263-273
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43641
- 42 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Effect of polypyrrole coated rebar on corrosion behavior of tunnel lining with the combination effect of sustained loading and pre-existing cracks when exposed to chlorides
Authors : Hu, X. et al;
Pages : 318-331
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43642
- 43 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Recycling lithium mine tailings in the production of low temperature (700-900 °C) ceramics: Effect of ladle slag and sodium compounds on the processing and final properties
Authors : Lemougna, P.N. et al;
Pages : 332-344
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43643
- 44 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Natural organic antioxidants from green tea from a protective layer inhibit corrosion of steel reinforcing bars embedded in mortar
Authors : Pradipta, I. et al;
Pages : 351-362
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43644

- 45 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Petrographic investigation on recycled coarse aggregate and identification the reason behind the inferior performance
Authors : Mistri, A. et al;
Pages : 399-408
Notes : E 4030-31
Addl Sbj : C 13161
Cntrl No.: 43645
- 46 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Reaction mechanism of calcined kaolin processing waste-based geopolymers in the presence of low alkali activator solution
Authors : Prasanphan, S. et al;
Pages : 409-420
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43646
- 47 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : An investigation on the three-dimesional transport of chloride ions in concrete based on X-ray computed tomography technology
Authors : Tian, Y. et al;
Pages : 433-455
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43647
- 48 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Production of an nanostructured hybrid-film based on Nd (III)-C7H6N2 on the mild steel surface; Electrochemical and surface studies
Authors : Majd, M.T. et al;
Pages : 456-468
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43648

- 49 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Waterproofing performance of waterstop with adhesive bonding used at joints of underground concrete structures
Authors : Cho, B.H. et al;
Pages : 491-500
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43649
- 50 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Performance of self-compacting concrete comprising granite cutting waste as fine aggregate
Authors : Jian, A. et al;
Pages : 539-552
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43650
- 51 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Thermal enhanced cement-lime mortars with phase change materials (PCM), lightweight aggregate and cellulose fibers
Authors : Guardia, C. et al; .
Pages : 586-594
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43651
- 52 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Lateral resistance of polyurethane-reinforced ballast with the application of new bonding schemes: Laboratory tests and discrete element simulations
Authors : Jing, G. et al;
Pages : 627-636
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43652

- 53 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Classification and evaluation of
phenomenological numerical models for concrete
fatigue behavior under compression
Authors : Baktheer, A. and Chudoba, R.
Pages : 661-677
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43653
- 54 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Mechanical properties and microstructures of
hypergolic and calcined coal gangue based
geopolymer recycled concrete
Authors : Liu, C. et al;
Pages : 691-708
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43654
- 55 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Anisotropic response in mechanical and corrosion
properties of hastelloy X fabricated by
selective laser melting
Authors : Kong, D. et al;
Pages : 720-729
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43655
- 56 Journal : Construction and Building Materials
Year : 2019
Period : October
Volume : 221
Title : Utilization of industrial waste residue
containing heavy metals as a substitute for fine
aggregates
Authors : Mahdikhani, M. and Khanban, M.
Pages : 772-799
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43656

- 57 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Preperation for polyacrylic acid modified by ester group in side chain and its application as viscosity enhancing agent in polycarboxylate superplasticizer system
Authors : Ma, B. et al;
Pages : 117272
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43658
- 58 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Evaluation of fiber surface modification via air plasma on the interfacial behavior of glass fiber reinforced laminated veneer lumber composites
Authors : Zhang, W. et al;
Pages : 117315
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43659
- 59 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Laboratory evaluation of dynamic performance and viscosity improvement in modified bitumen by combining nanomaterials and polymer
Authors : Mirsepahi, M. et al;
Pages : 117183
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43660
- 60 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Mechanical performance for defective and repaired grouted sleeve connections under uniaxial and cyclic loadings
Authors : Zheng, G. et al;
Pages : 117233
Notes : E 4030-31
Addl Sbj : C1316
Cntrl No.: 43661

- 61 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Research on a mix design method of self-compacting concrete based on a paste rheological threshold theory and a powder equivalence model
Authors : Zhang, J. et al ;
Pages : 117292
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43662
- 62 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Influence of the structures of polycarboxylate superplasticizer on its performance in cement-based materials-A review
Authors : Sha, S. et al;
Pages : 117257
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43663
- 63 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Durability assessment of reinforced concrete structures considering global warming: A performance-based engineering and experimental approach
Authors : Guo, H. et al;
Pages : 117251
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43664
- 64 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Mechanical properties and microstructure of multi-walled carbon nanotube-reinforced cementitious composites under the early-age freezing conditions
Authors : Guan, X. et al;
Pages : 117317
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43665

- 65 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Multi-modified effects of varying admixtures on the mechanical properties of pervious concrete based on optimum design of gradation and cement-aggregate ratio
Authors : Dai, Z. et al;
Pages : 117178
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43666
- 66 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Multiple-response optimization of open graded friction course reinforced with fibers through CRITIC-WASPAS based on Taguchi methodology
Authors : Slebi-Acevedo, C.J. et la;
Pages : 117274
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43667
- 67 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Modeling and numerical investigation of the viscoelastic behavior of beams strengthened by CFRP strips and carbon nanotubes
Authors : Baccocchi, M. and Tarantino, A. M.
Pages : 117311
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43668
- 68 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : study on the durability ogf engineered cementitious composites (ECCs) containing high-volume fly ash and bentonite against the combined attack of sulfate and freezing-thawing (F-T)
Authors : Zhao, N. et al;
Pages : 117313
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43669

69 Journal : Journal A FConstruction and Building Materials
Year : Year B 2020
Period : Period C February
Volume : Volume D 233
Issue : Issue E
Title : Title H MS
Sub Ttl : Sub Ttl J
Authors : Authors KR S
Keywords : KeywordsN S
Pages : Pages P
Rep/Tr. : Rep/Tr. R
Notes : Notes SR
Sbj Code : Sbj CodeTR
Addl Sbj : Addl SbjUR
Supp.Flg : Supp.FlgZ
Abstract :
Cntrl No.: 43670

70 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Temperature effect s on the bond behavior
between deformed steel reinforcing bars and
bybird fiber-reinforced strain-hardening
cementitious composite
Authors : Deshpande, A. A. et al;
Pages : 117337
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43671

71 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Contribution of hybrid fibers on the improvement
of sand concrete properties: Barley straws
treated with hot water and steel fibers
Authors : Ammari, M.S. et al;
Pages : 117374
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43672

- 72 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : A nonlinear semi-analytical model for predicting
debonding of FRP laminates from RC beams
subjected to uniform or concentrated load
Authors : Razaqpur, A.G. et al;
Pages : 117838
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43673
- 73 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Influence of content and maximum size of light
expanded clay aggregate on the fresh, strength
and durability properties of self-compacting
lightweight concrete reinforced with micro steel
fibers
Authors : Nahhab, A. H. and Ketab, A.K.
Pages : 117922
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43674
- 74 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Reinforcement of maritime pine cross-laminated
timber panels by means of natural flax fibers
Authors : Valdes, M. et al;
Pages : 117741
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43675
- 75 Journal : Construction and Building Materials
Year : 2020
Period : February
Volume : 233
Title : Nitrite admixed concrete for wastewater
structures: Mechanical properties, leaching
behavior and biofilm development
Authors : Li, X. et al;
Pages : 117341
Notes : E 4030-31
Addl Sbj : C 1316
Cntrl No.: 43676

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Title : Performance assessment of concrete incorporating recycled coarse aggregates and metakaolin: A systematic approach
Authors : Muduli, R. and Mukharjee, B. B
Pages : 117223
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Authors : Lgaz, H. et al;
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Year : 2020
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Authors : Luukkonen, T. et al;
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Authors : Prado, R.J. et al;
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 Authors : Tsangouri, E. et al;
 Pages : 105776
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 Sub Ttl : Sub Ttl J
 Authors : Authors KR S
 Keywords : KeywordsN S
 Pages : Pages P
 Rep/Tr. : Rep/Tr. R
 Notes : Notes SR
 Sbj Code : Sbj CodeTR
 Addl Sbj : Addl SbjUR
 Supp.Flq : Supp.FlqZ
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Year : 2019
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Volume : 123
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Authors : Xu, B. et al;
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Authors : Zhang, Y. et al;
Pages : 105768
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Authors : Li, K. et al;
Pages : 105788
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Authors : Ukpata, J.O. et al;
Pages : 105794
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Authors : Zhong, P. et al;
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