

Articles Check List

- 1 Journal : Cement and Concrete Research  
Year : 2019  
Period : September  
Volume : 123  
Title : Ettringite-based binder from ladle slag and gypsum - The effect of citric acid on fresh and hardened state properties  
Authors : Nguyen, H. et al;  
Pages : 105800  
Notes : E 4030-31  
Addl Sbj : C 1316  
Cntrl No.: 43690
  
- 2 Journal : ACI Structural Journal  
Year : 2020  
Period : January  
Volume : 117  
Issue : 1  
Title : Grid U-Wrap Anchorage for Reinforced Concrete Beams Strengthened with Carbon Fiber-Reinforced Polymer Sheets  
Authors : Yali, J. et al.  
Pages : 3-16  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43691
  
- 3 Journal : ACI Structural Journal  
Year : 2020  
Period : January  
Volume : 117  
Issue : 1  
Title : Investigation of Pull-Through and Pullout Failure Modes of Torque-Controlled Expansion Anchors  
Authors : Zhao Chen. et al.  
Pages : 17-28  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43692
  
- 4 Journal : ACI Structural Journal  
Year : 2020  
Period : January  
Volume : 117  
Issue : 1  
Title : Evaluating Curling Stress of Continuous

Reinforced Concrete Pavement  
Authors : Sarkar, A. and Norouzi, R/  
Pages : 53-62  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43693

\*\* - Keywords

1

NCCBM, Ballabgarh  
24/03/2023

Articles Check List

- 5 Journal : ACI Structural Journal  
Year : 2020  
Period : January  
Volume : 117  
Issue : 1  
Title : Seismic Testing and Numerical Analysis of Beam-Column Knee Joint in Recycled-Aggregate Concrete Frames  
Authors : Bo Hu and Kundu, T.  
Pages : 119-132  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43694
- 6 Journal : ACI Structural Journal  
Year : 2020  
Period : January  
Volume : 117  
Issue : 1  
Title : Precast Seismic Bridge Column Connection Using Ultra-High-Performance Concrete Lap Splice  
Authors : Chan, T. et al;  
Pages : 217-230  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43695
- 7 Journal : ACI Structural Journal  
Year : 2020  
Period : January  
Volume : 117  
Issue : 1  
Title : Flexure-Shear Behavior of Hybrid Fiber-Reinforced Prestressed Concrete Beams  
Authors : Joshi, Suhas S. et al;  
Pages : 269-278  
Notes : E 4031-32

Addl Sbj : C 1317  
Cntrl No.: 43696

- 8 Journal : ACI Structural Journal  
Year : 2020  
Period : January  
Volume : 117  
Issue : 1  
Title : Shear Strength of Dry and Epoxy Joints for Ultra High-Performace Fiber-Reinforced Concrete  
Authors : Balamurugan A. et al;  
Pages : 279-288  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43697
  
- 9 Journal : Advances in Cement Research  
Year : 2020  
Period : January  
Volume : 32  
Issue : 1  
Title : Cow Manure ash Particle size distribution's Effect on Concrete Paste Rheological Properties  
Authors : Wang, H. et al;  
Pages : 1-11  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43698
  
- 10 Journal : Advances in Cement Research  
Year : 2020  
Period : January  
Volume : 32  
Issue : 1  
Title : Effect of various plasticisers on viscous flow properties of natural pozzolanic cement pastes  
Authors : Paez-Flor, N. M. et al;  
Pages : 20-29  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43699
  
- 11 Journal : Advances in Cement Research  
Year : 2020  
Period : January  
Volume : 32  
Issue : 1  
Title : Influence of Carboxylated Styrene-Butadiene Copolymer on Tetracalcium aluminoferrite hydration in the presence of gypsum

- Authors : Wang., R. et al;  
Pages : 30-42  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43700
- 12 Journal : Advances in Cement Research  
Year : 2020  
Period : March  
Volume : 32  
Issue : 3  
Title : Pozzolanic Activity of Central Anatolian  
Volcanic Tuff and its Usability as Admixture in  
Mortar  
Authors : Birick, H. and Karapinar, Sanri I.  
Pages : 91-100  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43701
- 13 Journal : Advances in Cement Research  
Year : 2020  
Period : March  
Volume : 32  
Issue : 3  
Title : Influence of Cement Replacement by Limestone  
Calcined Clay Pozzolan on the engineering  
Properties of Mortar and Concrete  
Authors : Shah, V. et al;  
Pages : 101-111  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43702
- 14 Journal : Advances in Cement Research  
Year : 2020  
Period : March  
Volume : 32  
Issue : 3  
Title : Effect of Citric Acid on Calcium Sulfoaluminate  
Cements Synthesised from Industrial Wastes at  
Low Temperature  
Authors : Gallardo-Heredia, M. et al;  
Pages : 125-135  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43703
- 15 Journal : Advances in Cement Research  
Year : 2020

- Period : April  
Volume : 32  
Issue : 4  
Title : Durability of Photocatalytic Cement Subjected to Nitrogen Dioxide and Wet-Dry Cycling  
Authors : Lee, B.Y. and Kurtis K. E.  
Pages : 139-147  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43704
- 16 Journal : Advances in Cement Research  
Year : 2020  
Period : April  
Volume : 32  
Issue : 4  
Title : Sand Particle Erosion of Cement Mortar under Sulfate and Chloride attack and Exposure to Freeze-thaw Cycles  
Authors : Hao, Y. et al;  
Pages : 158-168  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43705
- 17 Journal : Advances in Cement Research  
Year : 2020  
Period : April  
Volume : 32  
Issue : 4  
Title : Degradation and Life Prediction Model for Piles Due to Crystallisation Attack in Sulfate Saline Area  
Authors : Li, J. et al;  
Pages : 181-195  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43706
- 18 Journal : Cement and Concrete Composite  
Year : 2020  
Period : January  
Volume : 105  
Title : Mechanical and Durability Performance of Mortars with Fine recycled Concrete Aggregates and Reactive Magnesium Oxide as Partial Cement Replacement  
Authors : Goncalves, T. et al;  
Pages : 103420-103424  
Notes : E 4031-32  
Addl Sbj : C 1317

Cntrl No.: 43707

- 19 Journal : Cement and Concrete Composite  
Year : 2020  
Period : January  
Volume : 105  
Title : Time-Dependant Drying Shrinkage Model for  
Concrete with Coarse and Fine Recycled Aggregate  
Authors : Zhang, H. et al;  
Pages : 103426-103426  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43708
- 20 Journal : Cement and Concrete Composite  
Year : 2020  
Period : January  
Volume : 105  
Title : Influence of Pumping Pressure on the Viscosity  
Curve and Rheological Stability of Mortar  
Incorporating Polycarboxylate  
Authors : KIM, J.H. et al;  
Pages : 103419-103419  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43709
- 21 Journal : Cement and Concrete Composite  
Year : 2020  
Period : January  
Volume : 105  
Title : A Gravity-Driven Split Hopkinson Tension Bar for  
Investigating Quasi-Ductile and Strain-Hardening  
Cement-based Composites Under tensile Impact  
Loading  
Authors : Heravi, A. A. et al;  
Pages : 103430-103438  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43710
- 22 Journal : Cement and Concrete Composite  
Year : 2020  
Period : January  
Volume : 105  
Title : Utilization of CO2 Curing to Enhance the  
Properties of Recycled Aggregate and Prepared  
Concrete: A Review  
Authors : LIANG, C. et al;  
Pages : 103446-103448

- Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43711
- 23 Journal : Cement and Concrete Composite  
Year : 2020  
Period : February  
Volume : 106  
Title : A nonlinear rate-dependent model for predicting  
the depth of penetration in ultra-high  
performance fiber reinforced concrete (UHPRC)  
Authors : CAO, Y.Y.Y. et al;  
Keywords : 103451  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43712
- 24 Journal : Cement and Concrete Composite  
Year : 2020  
Period : February  
Volume : 106  
Title : Water desorption characteristics of saturated  
lightweight fine aggregate in ultra-high  
performance concrete  
Authors : Shen, P. (China, Hong Kong). et al;  
Pages : 103456  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43713
- 25 Journal : Cement and Concrete Composite  
Year : 2020  
Period : February  
Volume : 106  
Title : A robust time-dependent model of alkali-silica  
reaction at different temperatures  
Authors : Allahyari, H. et al;  
Pages : 103460  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43714
- 26 Journal : Cement and Concrete Composite  
Year : 2020  
Period : February  
Volume : 106  
Title : Improvement in corrosion resistance of recycled  
aggregate concrete by nano silica suspension  
modification on recycled aggregates  
Authors : Zeng, W. (PR China, Hong Kong). et al;  
Pages : 103476

Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43715

27 Journal : Cement and Concrete Composite  
Year : 2020  
Period : February  
Volume : 106  
Title : Multiphysics Lattice Discrete Particle Model for  
the Simulation of Concrete thermal spalling  
Authors : Shen, L. (China, USA). et al;  
Pages : 103457  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43716

28 Journal : Cement and Concrete Composite  
Year : 2020  
Period : February  
Volume : 106  
Title : Energy dissipation characteristics of all-grade  
polyethylene fiber-reinforced engineered  
cementitious composites (PE-ECC)  
Authors : Yu, K. (United States). et al;  
Pages : 103459  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43717



- 29 Journal : Cement and Concrete Composite  
Year : 2020  
Period : February  
Volume : 106  
Title : Accelerated carbonation of reactive MgO and Portland Cement Blends under flowing CO<sub>2</sub> gas  
Authors : Wang. L. et al;  
Pages : 103489  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43718
- 30 Journal : Cement and Concrete Composite  
Year : 2020  
Period : February  
Volume : 106  
Title : Multi-scale characterisation of recycled aggregate concrete and prediction of its performance  
Authors : Pradhan, S. et al;  
Pages : 103480  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43719
- 31 Journal : Cement and Concrete Composite  
Year : 2020  
Period : February  
Volume : 106  
Title : Study oif seawater mixed one-part alkali activated GGBFS- fly ash  
Authors : LV, W. et al;  
Pages : 103484  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43720
- 32 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Engineering of high specific strength and low thermal conductivity cementitious composites with hollow glass microspheres for high temperature high-pressure applications  
Authors : Krakowiak, K.J. et al;  
Pages : 103514

Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43721

33 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Experimental investigation of fatigue bond  
behavior between deformed steel bar and concrete  
Authors : Zhang, W. et al;  
Pages : 103515  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43722

34 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Synthesis, design and piezo-resistive  
characteristics of cementitious smart  
nanocomposites with different types of  
functionalized MWCNTs under long Cyclic loading  
Authors : Rao, R. et al;  
Pages : 103517  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43723

35 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Reinforcement effects of multi-scale hybrid  
fiber on flexural and fracture behaviors of  
ultra-low-weight formed cement-based composites  
Authors : Yang, Y. et al;  
Pages : 103509  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43724

36 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Improved toughness and delamination resistance  
in continuous fiber reinforced geopolymer  
composites via incorporation of nano-fillers

- Authors : Rahman, A.S. et al;  
Pages : 103496  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43725
- 37 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Scaling up modeling of Strain-Hardening  
Cementitious Composites based on beam theory:  
from single fiber to composite  
Authors : Yao, J. and Leung, C.K.Y.  
Pages : 103534  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43726
- 38 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Deinococcus radiodurans: A novel bacterium for  
crack remediation of concrete with special  
applicability to low-temperature conditions  
Authors : Mondal, S. et al;  
Pages : 103523  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43727
- 39 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Performance of MgO and MgO-SiO<sub>2</sub> systems  
containing seeds under different curing  
conditions  
Authors : Bhagath Singh, G.V.P. et al;  
Pages : 103543  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43728
- 40 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : High temperature performance of wet-mix and dry-

mix mortars prepared with different contents and size gradings of glass aggregates: Hot test and cold test

Authors : Yang, S. et al;  
Pages : 103548  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43729

41 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Semantic segmentation of the micro-structure of strain-hardening cement-based composites (SHCC) by applying deep learning on micro- computed tomography scans  
Authors : Lorenzoni, R. et al;  
Pages : 103551  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43730

42 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Durability of engineered cementitious composite exposed to acid mine drainage  
Authors : Wu, H. -L. et al;  
Pages : 103550  
Notes : E 4031-32  
Addl Sbj : C 137  
Cntrl No.: 43731

43 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April  
Volume : 108  
Title : Foamed gypsum composite with heat-resistant admixture under high temperature: Mechanical, thermal and deformation performance  
Authors : Du, Z. et al;  
Pages : 103549  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43732

44 Journal : Cement and Concrete Composite  
Year : 2020  
Period : April

- Volume : 108  
Title : Corrigendum to " Performance -based design of all- grade strain hardening cementitious composites with compressive strengths from 40 Mpa to 120 MP"  
Authors : LI, L.Z. et al;  
Pages : 103542  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43733
- 45 Journal : Cement and Concrete Composite  
Year : 2020  
Period : May  
Volume : 109  
Title : Micromechanics-guided development of a slag/ fly ash-based strain-hardening geopolymer composite  
Authors : Zhang, S. et al;  
Pages : 103510  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43734
- 46 Journal : Cement and Concrete Composite  
Year : 2020  
Period : May  
Volume : 109  
Title : Effect of Natural fibers on thermal spalling resistance of ultra-high performance concrete  
Authors : Zhang, D. et al;  
Pages : 103512  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43735
- 47 Journal : Cement and Concrete Composite  
Year : 2020  
Period : May  
Volume : 109  
Title : Mechanical Strength and water resistance of magnesium oxysulfate cement based lightweight materials  
Authors : Wang, R. et al;  
Pages : 103554  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43736
- 48 Journal : Cement and Concrete Composite  
Year : 2020

- Period : May  
Volume : 109  
Title : Inverse Modeling deduction of pore distribution  
in cement materials from capillary absorption  
features  
Authors : Zhang, J. et al;  
Pages : 103557  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43737
- 49 Journal : Cement and Concrete Composite  
Year : 2020  
Period : May  
Volume : 109  
Title : Investigation of phase composition and  
microstructure of Foamed Cement Paste with  
different supplementary cementing materials  
Authors : Chung, S.-Y. et al;  
Pages : 105660  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43738
- 50 Journal : Cement and Concrete Composite  
Year : 2020  
Period : May  
Volume : 109  
Title : Strength development and microstructural  
investigation of lead-zinc mill tailings based  
paste backfill with fly ash as alternative  
binder  
Authors : Behera, S.K. et al;  
Pages : 103553  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43739
- 51 Journal : Cement and Concrete Composite  
Year : 2020  
Period : May  
Volume : 109  
Title : Comparative durability of GFRP composite  
reinforcing bars in concrete and in simulated  
concrete environments  
Authors : Manalo, A. et al;  
Pages : 103564  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43740

- 52 Journal : Cement and Concrete Composite  
Year : 2020  
Period : May  
Volume : 109  
Title : Commercial and recycled carbon/steel fibers for fiber-reinforced cement mortars with high electrical conductivity  
Authors : Belli, A. et al;  
Pages : 103569  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43741
- 53 Journal : Asian Journal of Water, Environment and Pollution (TERI)  
Year : 2020  
Period : January  
Volume : 17  
Title : Spatio-Temporal variations of fish guilds, compositions, water chemistry and the ecological health assessments in the artificial weir  
Authors : Mamun, Md. and Kwang-Guk An  
Pages : 1-18  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43742
- 54 Journal : Asian Journal of Water, Environment and Pollution (TERI)  
Year : 2020  
Period : January  
Volume : 17  
Title : Monitoring Humus Content of Chernozems (Black Soils) and soil water pollution rate in the pre-ural forest-steppe of the Republic of Bashkortostan  
Authors : Zamanova, Nailja. et al;  
Pages : 43-50  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43743
- 55 Journal : Asian Journal of Water, Environment and Pollution (TERI)  
Year : 2020  
Period : January  
Volume : 17  
Title : Evaluation and Quantification of Pollution caused by open drains in ganges river basin using Multivariate cluster Analysis  
Authors : Srinivas, R. et al;  
Pages : 75-52

Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43744

- 56 Journal : Asian Journal of Water, Environment and  
Pollution (TERI)  
Year : 2020  
Period : April  
Volume : 17  
Title : Metropolis as a source of Aerosol Pollution -  
Assessment of Hazardous factors and ways to  
Minimize Negative Impact  
Authors : Kolpak E. et al;  
Pages : 7-14  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43745
- 57 Journal : Asian Journal of Water, Environment and  
Pollution (TERI)  
Year : 2020  
Period : April  
Volume : 17  
Title : Investigation on Two-lead and three-lead rotor  
connections of Doubly Fed Induction generator  
Authors : Banerjee, S. et al;  
Pages : 29-36  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43746
- 58 Journal : Asian Journal of Water, Environment and  
Pollution (TERI)  
Year : 2020  
Period : April  
Volume : 17  
Title : The effect of agricultural practices on the  
drinking water Qaulity: A Case study  
Authors : Spitsov, D. et al;  
Pages : 73-80  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43747
- 59 Journal : Asian Journal of Water, Environment and  
Pollution (TERI)  
Year : 2020  
Period : April  
Volume : 17  
Title : Fabrication of hydrophobic particle board from



- waste coir pith and rice husk ash  
Authors : Sahoo, C.R. et al;  
Pages : 91-98  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43748
- 60 Journal : Cement and Concrete Research  
Year : 2020  
Period : January  
Volume : 127  
Title : The hydration of nearly pure ye'elimite with a sulfate carrier in a stoichiometric ettringite binder system. Implications for the hydration process based on in-situ XRD, H-TD-NMR, pore solution analysis, and thermodynamic modeling  
Authors : Jansen, D. et al;  
Pages : 105923  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43749
- 61 Journal : Cement and Concrete Research  
Year : 2020  
Period : January  
Volume : 127  
Title : Study of nucleation and growth processes of ettringite in diluted conditions  
Authors : Poupelloz, E. et al;  
Pages : 105915  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43750
- 62 Journal : Cement and Concrete Research  
Year : 2020  
Period : January  
Volume : 127  
Title : The combined effect of potassium sodium and calcium on the formation of alkali-silica reaction products  
Authors : Shi, Z. and Lothenbach, B.  
Pages : 105914  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43751
- 63 Journal : Cement and Concrete Research  
Year : 2020  
Period : January  
Volume : 127

- Title : A load induced thermal strain (LITS) semi-empirical model for plain and steel fiber reinforced concrete subjected to uniaxial compressive load  
Authors : Buttignol, T.E.T  
Pages : 105896  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43752
- 64 Journal : Cement and Concrete Research  
Year : 2020  
Period : March  
Volume : 129  
Title : Growth and porosity of C-S-H phases using the sheet growth model  
Authors : Nguyen\_Tuan, L. et al;  
Pages : 105960  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43753
- 65 Journal : Cement and Concrete Research  
Year : 2020  
Period : March  
Volume : 129  
Title : Gradient-based fibre detection method on 3D micro-CT tomographic image for defining fibre orientation bias in ultra-high-performance concrete  
Authors : Miletic, M.et al;  
Pages : 105962  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43754
- 66 Journal : Cement and Concrete Research  
Year : 2020  
Period : March  
Volume : 129  
Title : The evolution of interfacial transition zone in alkali-activated fly ash-slag concrete  
Authors : Fang, G. and Zhang, M.  
Pages : 105963  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43755
- 67 Journal : Cement and Concrete Research  
Year : 2020

- Period : March  
Volume : 129  
Title : Atomistic structure of alkali-silica reaction products refined from X-ray diffraction and micro X-ray absorption data  
Authors : Geng, G. et al;  
Pages : 105958  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43756
- 68 Journal : Cement and Concrete Research  
Year : 2020  
Period : March  
Volume : 129  
Title : Estimation of reaction kinetics of geopolymers at early ages  
Authors : Hu, Z. et al;  
Pages : 105971  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43757
- 69 Journal : Cement and Concrete Research  
Year : 2020  
Period : March  
Volume : 129  
Title : Hydration of Portland Cement accelerated by C-S-H seeds at different Temperatures  
Authors : Pedrosa, H.C. et al;  
Pages : 105978  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43758
- 70 Journal : Cement and Concrete Research  
Year : 2020  
Period : March  
Volume : 129  
Title : Late Hydration kinetics: Indications from thermodynamic analysis of pore solution data  
Authors : Zajac, M. et al;  
Pages : 105975  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43759
- 71 Journal : Cement and Concrete Research  
Year : 2020  
Period : March  
Volume : 129

- Title : High-dynamic compressive and tensile strength of specimens made of cementitious materials  
Authors : Binder, E. et al;  
Pages : 105890  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43760
- 72 Journal : Journal A FCement and Concrete Research  
Year : Year B 2020  
Period : Period C March  
Volume : Volume D 129  
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.Flgl : Supp.FlglZ  
Abstract :  
Cntrl No.: 43761
- 73 Journal : Journal A FCement and Concrete Research  
Year : Year B 2020  
Period : Period C March  
Volume : Volume D 129  
Issue : Issue E  
Cntrl No.: 43762
- 74 Journal : Cement and Concrete Research  
Year : 2020  
Period : June  
Volume : 132  
Title : Basic mechanisms of afwillite seeding for acceleration of tricalcium silicate hydration  
Authors : Bellmann, F. et al;  
Pages : 106030  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43763
- 75 Journal : Cement and Concrete Composite  
Year : 2020  
Period : June  
Volume : 132  
Title : Stochastic analysis of concrete dams with alkali aggregate reaction

- Authors : Saouma, V.E. et al;  
Pages : 106032  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43764
- 76 Journal : Cement and Concrete Composite  
Year : 2020  
Period : June  
Volume : 132  
Title : Towards a further understanding of cement hydration in the presence of triethanolamine  
Authors : Lu, Z. et al;  
Pages : 106041  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43765
- 77 Journal : Cement and Concrete Composite  
Year : 2020  
Period : June  
Volume : 132  
Title : Creep behavior of C-S-H under different drying relative humidities: Interpretation of microindentation tests and sorption measurements by multi-scale analysis  
Authors : Suwanmaneechot, P. et al;  
Pages : 106036  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43766
- 78 Journal : Cement and Concrete Composite  
Year : 2020  
Period : June  
Volume : 132  
Title : A chemo-transport-damage model for concrete under external sulfate attack  
Authors : Qin, S. et al;  
Pages : 106048  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43767
- 79 Journal : Cement and Concrete Composite  
Year : 2020  
Period : June  
Volume : 132  
Title : Reinforcement corrosion in limestone flash calcined clay cement-based concrete  
Authors : Nguyen, Q. D. and Castel, A.

- Pages : 106051  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43768
- 80 Journal : Cement and Concrete Composite  
Year : 2020  
Period : June  
Volume : 132  
Title : Effect of NaOH content on hydration, mineralogy, porosity and strength in alkali/sulfate-activated binders from ground granulated blast furnace slag and phosphogypsum  
Authors : Gijbels, K. et al;  
Pages : 106054  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43769
- 81 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Characterisation of earthen walls in the Generalife (Alhambra): Microstructural and physical changes induced by deposition of Ca(OH)<sub>2</sub> nanoparticles in original and reconstructed samples  
Authors : Lanzon, M. et al;  
Pages : 117202-117204  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43772
- 82 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Bonding performance of adhesive systems for cross-laminated timber treated with micronized copper azole type C (MCA-C)  
Authors : Lim, H. et al;  
Pages : 117205-117208  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43773
- 83 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232

- Title : A cylindrical self-consistent modelling of  
vegetal wools thermal conductivity  
Authors : Piegay, C. et al;  
Pages : 117123-117134  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43774
- 84 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Cntrl No.: 43775
- 85 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Small to large strain mechanical behaviour of an  
alluvium stabilised with low carbon secondary  
minerals  
Authors : Sargent, P. et al;  
Pages : 117174  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43776
- 86 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Blast responses of one-way sea-sand seawater  
concrete slabs reinforced with BFRP  
Authors : Gao, Y. et al;  
Pages : 117254  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43777
- 87 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Anti-chemical resistance and mock-up test  
performance of cement asphalt mortar modified  
with polymer for ballast stabilizing  
Authors : Le, T.H.M. et al;  
Pages : 117260  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43778

- 88 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Performance of amins cured epoxy and silica fume  
modified cement mortar under military airbase  
operating Conditions  
Authors : Shill, S. K. et al;  
Pages : 117280  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43779
- 89 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Controlling natural resources depletion through  
Montmoillonite replacement for cement-low cost  
construction  
Authors : Rehman, S.U. et al;  
Pages : 117188  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43780
- 90 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Optimal design for epoxy polymer concrete based  
on mechanical properties and durability aspects  
Authors : Ferdous, W. et al;  
Pages : 117229  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43781
- 91 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Degradation process of alkali-activated slag/fly  
ash and portland cement-based pastes exposed to  
phosphoric acid  
Authors : Ren, J. et al;  
Pages : 117209  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43782



- 92 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Impact of recycled sand and gravels in concrete  
on volume change  
Authors : Delsaute, B. and Staquet, S.  
Pages : 117279  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43783
- 93 Journal : Construction and Building Materials  
Year : 2020  
Period : January  
Volume : 232  
Title : Research on crumb rubber concrete: from a multi-  
scale review  
Authors : Xu, J. et al;  
Pages : 117282  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43784
- 94 Journal : Advances in Cement Research  
Year : 2020  
Period : June  
Volume : 32  
Issue : 6  
Title : Characterisation of water stability of magnesium  
Phosphate cement blended with steel slag and fly  
ash  
Authors : Sun, D. et al;  
Pages : 251-261  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43785
- 95 Journal : Advances in Cement Research  
Year : 2020  
Period : June  
Volume : 32  
Issue : 6  
Title : Cement-rock interaction in geothermal wells at  
high temperatures  
Authors : Silva, J. and Milestone, N.B.  
Pages : 273-287  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43786

- 96 Journal : Advances in Cement Research  
Year : 2020  
Period : July  
Volume : 32  
Issue : 7  
Title : Prediction of carbonation using reactivity test  
methods for pozzolanic materials  
Authors : Shah, V. et al;  
Pages : 297-306  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43787
- 97 Journal : Advances in Cement Research  
Year : 2020  
Period : July  
Volume : 32  
Issue : 7  
Title : Investigation of the effect of consolidation on  
cement flow behaviour  
Authors : Turki, D. et al;  
Pages : 315-322  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43788
- 98 Journal : Advances in Cement Research  
Year : 2020  
Period : July  
Volume : 32  
Issue : 7  
Title : Effect of pH value on the growth and properties  
of magnesium phosphate cement paste with a large  
water-to-solid fraction  
Authors : Li, M. et al;  
Pages : 323-331  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43789
- 99 Journal : Advances in Cement Research  
Year : 2020  
Period : August  
Volume : 32  
Issue : 8  
Title : Erosion of aerial lime and sticky rice mortars  
by cyclic wetting-drying and dilute sulfate acid  
actions  
Authors : Zhang, Q. et al;  
Pages : 343-357  
Notes : E 4031-32

Addl Sbj : C 1317  
Cntrl No.: 43790

100 Journal : Advances in Cement Research  
Year : 2020  
Period : August  
Volume : 32  
Issue : 8  
Title : Thermal behaviour of PPC and OPC-53 when exposed  
to extreme temperatures  
Authors : Pavani, H. P. et al;  
Pages : 358-370  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43791

101 Journal : Advances in Cement Research  
Year : 2020  
Period : August  
Volume : 32  
Issue : 8  
Title : Long-term mechanical properties and micro  
mechanism of magnesium oxychloride cement  
concrete  
Authors : Chang, C. et al;  
Pages : 371-378  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43792

102 Journal : Advances in Cement Research  
Year : 2020  
Period : August  
Volume : 32  
Issue : 8  
Title : Investigation on the properties of magnesium  
oxychloride cement prepared with seawater  
Authors : Huang, Q. et al;  
Pages : 379-388  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43793

103 Journal : Advances in Cement Research  
Year : 2020  
Period : September  
Volume : 32  
Issue : 9  
Title : Effect of mineral admixture on the properties of  
grouting materials made from a ternary complex

- system  
Authors : Li, X. et al;  
Pages : 389-397  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43794
- 104 Journal : Advances in Cement Research  
Year : 2020  
Period : September  
Volume : 32  
Issue : 9  
Title : The sulfate degradation of cement incorporating carbonate by an electrical field at low temperature  
Authors : Luo, Y. et al;  
Pages : 398-412  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43795
- 105 Journal : Advances in Cement Research  
Year : 2020  
Period : September  
Volume : 32  
Issue : 9  
Title : Evaluation of elastic modulus of cement paste in sodium sulfate solution by an advanced X-CT-hydration-deterioration model with SC method.  
Authors : Li, Y. et al;  
Pages : 421-433  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43796
- 106 Journal : Advances in Cement Research  
Year : 2020  
Period : October  
Volume : 32  
Issue : 10  
Title : Application of light-burnt dolomite as a mineral addition in concrete  
Authors : Chen, Z. et al;  
Pages : 435-443  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43797
- 107 Journal : Advances in Cement Research  
Year : 2020  
Period : October

- Volume : 32  
Issue : 10  
Title : Effects of packing density and water film thickness on fresh and hardened properties of ternary cement pastes  
Authors : Marchetti, G. et al;  
Pages : 444-455  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43798
- 108 Journal : Advances in Cement Research  
Year : 2020  
Period : October  
Volume : 32  
Issue : 10  
Title : Effect of chemical structure on dispersity of polycarboxylate superplasticiser in cement paste  
Authors : Kai, K. et al;  
Pages : 456-464  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43799
- 109 Journal : Advances in Cement Research  
Year : 2020  
Period : October  
Volume : 32  
Issue : 10  
Title : Behaviour changes of ground granulated blast furnace slag geopolymers at high temperature  
Authors : Aziz, I.H. et al;  
Pages : 465-475  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43800
- 110 Journal : Cement and Concrete Composite  
Year : 2020  
Period : July  
Volume : 110  
Title : Interlayer bonding improvement of 3D printed concrete with polymer modified mortar: Experiments and molecular dynamics studies.  
Authors : Wang, L. et al;  
Pages : 103571  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43801
- 111 Journal : Cement and Concrete Composite

- Year : 2020  
Period : July  
Volume : 110  
Title : Experimentally validated meso-scale fracture modelling of mortar using output from micromechanical models  
Authors : Zhang, H. et al;  
Pages : 103567  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43802
- 112 Journal : Cement and Concrete Composite  
Year : 2020  
Period : July  
Volume : 110  
Title : Enhanced corrosion resistance of reinforcing steels in simulated concrete pore solution with low molybdate to chloride ratios  
Authors : WU, M. et al;  
Pages : 103589  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43803
- 113 Journal : Cement and Concrete Composite  
Year : 2020  
Period : July  
Volume : 110  
Title : Electrochemical behaviour and corrosion products of Cr-modified reinforcing steels in saturated Ca(OH)<sub>2</sub> solution with chlorides  
Authors : SHI, J. et al;  
Pages : 103587  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43804
- 114 Journal : Cement and Concrete Composite  
Year : 2020  
Period : July  
Volume : 110  
Title : Calcium nitrate: A chemical admixture to inhibit aggregate dissolution and mitigate expansion caused by alkali-silica reaction  
Authors : OEY, T. et al;  
Pages : 103592  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43805

- 115 Journal : Cement and Concrete Composite  
Year : 2020  
Period : July  
Volume : 110  
Title : Dispersion and effects of metal impregnated granular activated carbon particles on the hydration of antimicrobial mortars  
Authors : Justo-Reinoso, I. et al;  
Pages : 103588  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43806
- 116 Journal : Cement and Concrete Composite  
Year : 2020  
Period : July  
Volume : 110  
Title : Effect of colloidal nano-SiO<sub>2</sub> on the immobilization of chloride ions in cement-fly ash system.  
Authors : LIU, X. et al;  
Pages : 103596  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43807
- 117 Journal : Cement and Concrete Composite  
Year : 2020  
Period : July  
Volume : 110  
Title : Macroporous geopolymers designed for facile polymers post-infusion  
Authors : FISET, J. et al;  
Pages : 103591  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43808
- 118 Journal : Cement and Concrete Composite  
Year : 2020  
Period : July  
Volume : 110  
Title : Characterisation of components in calcined clays and their influence on the efficiency of superplasticizer  
Authors : Sposito, R. et al;  
Pages : 103594  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43809

- 119 Journal : Cement and Concrete Composite  
Year : 2020  
Period : July  
Volume : 110  
Title : Novel acid-based geopolymer synthesized from  
nanosized tubular halloysite: the role of  
precalcination temperature and phosphoric acid  
concentration  
Authors : Zhang, B. et al;  
Pages : 103601  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43810
- 120 Journal : Cement and Concrete Composite  
Year : 2020  
Period : July  
Volume : 110  
Title : Experimental study and theoretical prediction on  
shrinkage-induced restrained stresses in UHPC-  
RC composites under normal curing and steam  
curing.  
Authors : ZHU, Y(China). et al;  
Pages : 103602  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43811
- 121 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : X-Ray computed tomography and traditional  
analysis of a capillary absorption test in  
cement pastes  
Authors : Andrade. C (Spain). et al;  
Pages : 103634  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43812
- 122 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : A novel approach to characterize the direct  
shear pullout behavior of single hooked steel  
fibers  
Authors : Krahl. P. A. et al;  
Pages : 103685  
Notes : E 4031-32



Addl Sbj : C 1317  
Cntrl No.: 43813

- 123 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Mixture proportion design of pervious concrete based on the relationships between fundamental properties and skeleton structures  
Authors : XIE, X. et al;  
Pages : 103693  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43814
- 124 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Fundamental investigation on the frost resistance of mortar with microencapsulated phase change materials  
Authors : Romero Rodriguez.C et al;  
Pages : 103705  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43815
- 125 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Preparation, microstructure and property of carbonated artificial steel slag aggregate used in concrete  
Authors : MO, L. et al;  
Pages : 103715  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43816
- 126 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Smectite clay waste as an additive for portland cement  
Authors : Kaminskis, R. et al;  
Pages : 103710  
Notes : E 4031-32

Addl Sbj : C 1317  
Cntrl No.: 43817

- 127 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Greening effect of concrete containing  
granulated blast-furnace slag composite cement:  
Is there an environmental impact?  
Authors : Couvidat, J. et al;  
Pages : 103711  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43818
- 128 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Tensile behavior of strain-hardening geopolymer  
composites (SHGC) under impact loading  
Authors : Trindade, A.C.C. et al;  
Pages : 103703  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43819
- 129 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Natural and accelerated carbonation behaviour of  
high-volume fly ash (HVFA) mortar: Effects on  
internal moisture, microstructure and carbonated  
phase proportioning  
Authors : Van Den Heede, P. et al;  
Pages : 103713  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43820
- 130 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Mechanical characterization of structural  
lightweight aggregate concrete made with  
sintered fly ash aggregates and synthetic fibres  
Authors : Sahoo, S. et al;  
Pages : 103712

Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43821

- 131 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Use of eco-admixture made from municipal solid waste incineration residues in concrete  
Authors : Zhang, S. et al;  
Pages : 103725  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43822
- 132 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Optimization of fiber volume fraction to enhance reinforcing efficiency in hybrid fiber reinforced strain hardening cementitious composite  
Authors : Liu, T. et al;  
Pages : 103704  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43823
- 133 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Modified mix design and statistical modelling of lightweight concrete with high volume micro fines waste additive via the Box-Behnken design approach  
Authors : Kumar, R. (India)  
Pages : 103706  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43824
- 134 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : Application of bacteria; spores coated by a green inorganic cementitious material for the self-healing of concrete cracks

Authors : WU, M. et al;  
Pages : 103718  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43825

135 Journal : Cement and Concrete Composite  
Year : 2020  
Period : October  
Volume : 113  
Title : In citro and in situ tests to evaluated the  
bacterial colonization of cementitious materials  
in the marine environment  
Authors : Hayek, M. et al;  
Pages : 103748  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43826

136 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Degradation of passive film on 304 stainless  
steel ina simulated concrete pore solution under  
alternating temperature condition  
Authors : Feng, X. (China, Canada). et al;  
Pages : 103651  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43827

137 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Estimating reaction kinetics of cementitious  
pastes containing fly ash  
Authors : Glosser, D. et al;  
Pages : 103655  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43828

138 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Effect of superabsorbent polymer characteristics  
on rheology of ultra-high performance concrete  
Authors : Liu, J. et al;

Pages : 103636  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43829

- 139 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Retrievel of the saturated hydraulic conductivity of cement-based materials using electrical capacitance tomography  
Authors : Voss, A(Finland). et al;  
Pages : 103639  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43830
- 140 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Mechanistic study on initial passivation and surface chemistry of steel bars in nano-silica cement pastes  
Authors : Zheng, H. et al;  
Pages : 103661  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43831
- 141 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : A cohesive model to predict the loading bond capacity of concrete structures repaired/reinforced with HPFRC/UHPFRC and stressed to mixed mode  
Authors : Savino, V. et al;  
Pages : 103673  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43832
- 142 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Optimization of gypsum and slag contents in blended cement containing slag

Authors : Sun, H. et al;  
Pages : 103674  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43833

143 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Investigation on physicochemical and piezoresistive properties of smart MWCNT/cementitious composite exposed to elevated temperatures  
Authors : Dong, W. et al;  
Pages : 103675  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43834

144 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Properties of one-part fly ash/slag-based binders activated by thermally-treated waste glass/NaOH blends: A comparative study  
Authors : Samarakoon, M.H. et al;  
Pages : 103679  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43835

145 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Corrosion assessment of reinforced concrete structures exposed to chloride environments in underground tunnels: Theoretical insights and practical data interpretations  
Authors : Li, C. et al;  
Pages : 103652  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43836

146 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September

Volume : 112  
Title : Effects of steam on the compressive strength and  
microstructure of cement paste cured under  
alternating ultrahigh temperature  
Authors : Zhang, X. et al;  
Pages : 103681  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43837

147 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Acceleration of cement hydration from  
supplementary cementitious materials:  
performance comparison between silica fume and  
hydrophobic Silica  
Authors : Jeong, Y. et al;  
Pages : 103688  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43838

148 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Effect of calcium sulfoaluminate cement  
prehydration on hydration and strength gain of  
calcium sulfoaluminate cement-ordinary portland  
cement mixtures  
Authors : Ramanathan, S. et al;  
Pages : 103694  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43839

149 Journal : Cement and Concrete Composite  
Year : 2020  
Period : September  
Volume : 112  
Title : Admixture compatibility with natural  
supplementary cementitious materials  
Authors : Ghafari, E. et al;  
Pages : 103683  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43840

- 150 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : The effect of long term weathering on hemp and rapeseed concrete  
Authors : Sheridan, J. et al;  
Pages : 106014  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43841
- 151 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : Effect of accelerated curing regimes on high volume Fly ash mixtures in precast manufacturing plants  
Authors : Alghazali, H.H. et al;  
Pages : 105913  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43842
- 152 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : Impact of varying  $\text{Li}_2\text{CO}_3$  additions on the hydration of ternary CSA-OPC-anhydrite mixes  
Authors : Wolf, J. J. et al;  
Pages : 106015  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43843
- 153 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : Influence of wollastonite on hydration and properties of magnesium potassium phosphate cements  
Authors : Xu, B. et al;  
Pages : 106012  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43844



- 154 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : Effect of limestone powder addition on threshold chloride concentration for steel corrosion in reinforced concrete  
Authors : Li, C. et al;  
Pages : 106018  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43845
- 155 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : Carbon nanotubes (CNTs) in ultra-high performance concrete (UHPC): Dispersion, mechanical properties, and electromagnetic interference (EMI) shielding effectiveness (SE)  
Authors : Jung, M. et al;  
Pages : 106017  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43846
- 156 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : Formation, composition and stability of ye'elinite and iron-bearing solid solutions  
Authors : Bullerjahn, F. et al;  
Pages : 106009  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43847
- 157 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : Predesigning matrix-directed super-hydrophobization and hierachical strengthening of cement foam  
Authors : She, W. et al;  
Pages : 106029  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43848

- 158 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : Modelling capillary effects on the reactive transport of chloride ions in cementitious materials  
Authors : Sanchez, T. et al;  
Pages : 106033  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43849
- 159 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : A multi-scale framework for modelling effective gas diffusivity in dry cement paste: combined effects of surface knudsen and molecular diffusion  
Authors : Liu, C. et al;  
Pages : 106035  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43850
- 160 Journal : Cement and Concrete Research  
Year : 2020  
Period : May  
Volume : 131  
Title : Long-term in situ performance of geopolymer, calcium aluminate and portland cement-based materials exposed to microbially induced acid corrosion  
Authors : Grengg, C. et al;  
Pages : 106034  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43851
- 161 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 133  
Title : Dissolution of oliviness from steel and copper slags in basic solution  
Authors : Traynor, B. et al;  
Pages : 106065  
Notes : E 4031-32  
Addl Sbj : C 1317

Cntrl No.: 43852

- 162 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 133  
Title : Is scratch test proper to characterize  
microstructure and mechanical properties of  
cement-based materials? the effects of loading  
level and routine  
Authors : Liu, J. et al;  
Pages : 106072  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43853
- 163 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 133  
Title : Sorption, anomalous water transport and dynamic  
porosity in cement paste: A spatially localised  
'H' NMR relaxation study and a proposed  
mechanism  
Authors : McDonald, P.J. et al;  
Pages : 106045  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43854
- 164 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 133  
Title : Structure and morphology of calcium-Silicate-  
hydrates cross-linked with dipodal organosilanes  
Authors : Moshiri,A. et al;  
Pages : 106076  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43855
- 165 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 133  
Title : Stochastic modelling of concrete cover cracking  
considering spatio-temporal variation of  
corrosion  
Authors : Baji, H.  
Pages : 106081

Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43856

- 166 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 133  
Title : Understanding the mechanisms behind the time-dependent viscoelasticity of fresh C3A-gypsum paste  
Authors : Huang, T. et al;  
Pages : 106084  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43857
- 167 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 133  
Title : C3A passivation with gypsum and hemihydrate monitored by optical spectroscopy  
Authors : Ramirez, A. et al;  
Pages : 106082  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43858
- 168 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 133  
Title : Assessment of steel fiber corrosion in self-healed ultra-high-performance fiber-reinforced concrete and its effect on tensile performance  
Authors : Yoo, D.-Y. et al;  
Pages : 106091  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43859
- 169 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 133  
Title : A novel capsule by poly (ethylene glycol) granulation for self-healing concrete  
Authors : Feng, J. et al;  
Pages : 106053  
Notes : E 4031-32

Addl Sbj : C 1317  
Cntrl No.: 43860

- 170 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 133  
Title : Opportunities and challenges for structural engineering of digitally fabricated concrete  
Authors : Menna, C. et al;  
Pages : 106079  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43861
- 171 Journal : Cement and Concrete Research  
Year : 2020  
Period : August  
Volume : 134  
Title : Novel SCM produced by the co-calcination of aluminosilicates with dolomite  
Authors : Bullerjahn, F. et al;  
Pages : 106083  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43862
- 172 Journal : Cement and Concrete Research  
Year : 2020  
Period : August  
Volume : 134  
Title : Influence of w/s ratio on alite dissolution and C-S-H precipitation rates during hydration  
Authors : Naber, C. et al;  
Pages : 106087  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43863
- 173 Journal : Cement and Concrete Research  
Year : 2020  
Period : August  
Volume : 134  
Title : Early hydration of cementitious systems accelerated by aluminium sulphate: Effect of fine limestone  
Authors : Briendl, L. G. et al;  
Pages : 106069  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43864

- 174 Journal : Cement and Concrete Research  
Year : 2020  
Period : August  
Volume : 134  
Title : Influencing factors on micromechanical  
properties of calcium (alumino) silicate hydrate  
C-(A)-S under nanoindentation experiment  
Authors : Hay, R. et al;  
Pages : 106088  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43865
- 175 Journal : Cement and Concrete Research  
Year : 2020  
Period : August  
Volume : 134  
Title : Experimental study and mechanism analysis of  
permeability sensitivity of mechanically damaged  
concrete to confining pressure  
Authors : Xue, W. et al;  
Pages : 106073  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43866
- 176 Journal : Cement and Concrete Research  
Year : 2020  
Period : August  
Volume : 134  
Title : Effects of different alkaline solutions on the  
expansivity of rock prisms of an alkali-reactive  
dolostone from Valcheta (Rio Negro, Argentina)  
Authors : Milanesi, C. A. et al;  
Pages : 106092  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43867
- 177 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 134  
Title : Critical chloride threshold values as a function  
of cement type and steel surface condition  
Authors : Chalhoub, C. et al;  
Pages : 106086  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43868

- 178 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 134  
Title : The role of particle morphology on concrete fracture behaviour: A mesoscale modelling approach  
Authors : Wei, D. et al;  
Pages : 106096  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43869
- 179 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 134  
Title : Understanding the setting and hardening process of wollastonite-based brushite cement. part 1: Influence of the Ca/P ratio and H3PO4 concentration of the mixing solution  
Authors : Laniesse, P. et al;  
Pages : 106094  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43870
- 180 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 134  
Title : Micro-cantilever testing on the short-term creep behaviour of cement paste at micro-scale  
Authors : Gan, Y. et al;  
Pages : 106105  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43871
- 181 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 134  
Title : Influence of process parameters on the interlayer bond strength of concrete element additive manufactured by shotcrete 3D printing (SC3DP)  
Authors : Kloft, H. et al;  
Pages : 106078  
Notes : E 4031-32

Addl Sbj : C 1317  
Cntrl No.: 43872

182 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 134  
Title : A Process classification framework for defining  
and describing Digital Fabrication with Concrete  
Authors : Buswell, R.A. et al;  
Pages : 106068  
Notes : E4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43873

183 Journal : Cement and Concrete Research  
Year : 2020  
Period : July  
Volume : 134  
Title : Particle bed 3D printing by selective cement  
activation - Applications, material and process  
technology  
Authors : Lowke, D. et al;  
Pages : 106077  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43874

184 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : A review of mechanical properties of fibre  
reinforced concrete at elevated temperatures  
Authors : Wu, H. et al;  
Pages : 106117  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43875

185 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Mechanisms of autogenous shrinkage of alkali-  
activated slag and fly ash pastes  
Authors : Li, Z. et al;  
Pages : 106107  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43876



- 186 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Experimental study on the stability of C-S-H nanostructures with varying bulk CaO/SiO<sub>2</sub> ratios under cryogenic attack  
Authors : Zhu, X. et al;  
Pages : 106114  
Notes : E 4031-42  
Addl Sbj : C 1317  
Cntrl No.: 43877
- 187 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Mechanisms of enhancement in early hydration by sodium sulfate in a slag cement blend - Insights from pore solution chemistry  
Authors : Fu, J. et al;  
Pages : 106110  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43878
- 188 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : The CO<sub>2</sub>-binding capacity of synthetic anhydrous and hydrates: validation of a test method based on the instantaneous reaction rate  
Authors : Boumaaza , M. et al;  
Pages : 106113  
Notes : E 4031-42  
Addl Sbj : C 1317  
Cntrl No.: 43879
- 189 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Water permeability of geopolymer emulsified with oil  
Authors : Planel, B. et al;  
Pages : 106108  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43880

- 190 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : On the quantification of solid phases in  
hydrated cement paste by 1H nuclear magnetic  
resonance relaxometry  
Authors : Schulte R. et al;  
Pages : 106095  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43881
- 191 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Effect of relative humidity on the carbonation  
rate of portlandite, calcium silicate hydrates  
and ettringite  
Authors : Steiner, S. et al;  
Pages : 106116  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43882
- 192 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Hydration mechanisms of sewage sludge ashes used  
as cement replacement  
Authors : Mejdi, M. et al;  
Pages : 106115  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43883
- 193 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Shear rheo-viscoelasticity approach to the  
plastic cracking of early-age concrete  
Authors : Kolawole, J.T. et al;  
Pages : 106127  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43884

- 194 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Molecular simulation of the structure and  
elastic properties of ettringite and  
monosulfoaluminate  
Authors : Honorio, T. et al;  
Pages : 106126  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43885
- 195 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Deep learning-based automated image segmentation  
for concrete petrographic analysis  
Authors : Song, Y. et al;  
Pages : 106118  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43886
- 196 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Thermodynamic study of cement/rock interactions  
using experimentally generated solubility data  
of zeolites  
Authors : Ma, B. and Lothenbach  
Pages : 106149  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43887
- 197 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Reinforcement corrosion and transport of water  
and chloride ions in shrinkage compensating  
cement concretes  
Authors : Shi, W. et al;  
Pages : 106121  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43888

- 198 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : CCR digital concrete 2020 SI: Editorial  
Authors : Bos, F. et al;  
Pages : 106157  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43889
- 199 Journal : Cement and Concrete Research  
Year : 2020  
Period : September  
Volume : 135  
Title : Numerical simulations of concrete processing:  
form standard formative casting to additive  
manufacturing  
Authors : Roussel, N. et al;  
Pages : 106075  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43890
- 200 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : Scientific and technical studies on eco-  
efficient binary cements produced with thermally  
activated ichu grass: Behaviour and properties  
Authors : Frias, M. et al  
Pages : 103613  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43891
- 201 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : Influence of water to cement ratio on CO2 uptake  
capacity of belite-rich cement upon exposure to  
carbonation curing  
Authors : Siddique, S. et al;  
Pages : 103616  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43892

- 202 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : Cementitious cellular composites with auxetic behavior  
Authors : XU,X. et al;  
Pages : 103624  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43893
- 203 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : A multiscale model including the effect of pores, aggregates and their interfaces for moisture diffusion in concrete  
Authors : De, S.K. et al;  
Pages : 103595  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43894
- 204 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : Carbonation of portland-Zeolite and geopolymer well-cement composites under geologic CO2 sequestration conditions  
Authors : Sedic (Croatia), K. et al;  
Pages : 103615  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43895
- 205 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : Mechanical properties of Concrete with smeared cracking by alkali-silica reaction and freeze-thaw cycles  
Authors : Gong, F. et al;  
Pages : 103623  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43896

- 206 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : Understanding the sulfate attack of portland  
cement-based materials exposed to applied  
electric fields: Mineralogical alteration and  
migration behavior of ionic species  
Authors : Li, C. et al;  
Pages : 103630  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43897
- 207 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : The design of self-compacting structural mortar  
containing steelmaking slags as aggregate  
Authors : Santamaria, A. et al;  
Pages : 103627  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43898
- 208 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : Effect of ceramic waste powder on alkali-  
activated slag pastes cured in hot weather after  
exposure to elevated temperature  
Authors : Rashad, A. M. et al;  
Pages : 103617  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43899
- 209 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : Enhanced passivation of galvanized steel bars in  
nano-silica modified cement mortars  
Authors : Zheng, H. et al;  
Pages : 103626  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43900

- 210 Journal : Cement and Concrete Composite  
Year : 2020  
Period : August  
Volume : 111  
Title : Progress, current thinking and challenges in  
geopolymer foam concrete technology  
Authors : Dhasindrakrishna, K. et al;  
Pages : 103886  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43901
- 211 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : Determining the freeze-thaw performance of  
mortar samples using length change measurements  
during freezing  
Authors : Ghantous, R.M. (USA, France) et al;  
Pages : 103869  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43902
- 212 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : Improving the utility of MIP analysis for  
cementitious systems through gaussian process  
regression modeling to predict electrical  
resistivity  
Authors : Tibbetts, C. M. et al;  
Pages : 103870  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43903
- 213 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : Evaluating the thermal efficiency of  
microencapsulated phase change materials for  
thermal energy storage in cementitious  
composites  
Authors : Balapour, M. et al;  
Pages : 103891  
Notes : E 4031-32

Addl Sbj : C 1317  
Cntrl No.: 43904

214 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : Mesoscale simulation of pull-out performance for  
corroded reinforcement with stirrup confinement  
in concrete by 3D RBSM  
Authors : Avadh (japan), K. et al;  
Pages : 103895  
Notes : E4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43905

215 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : Effect of alkali reactions on the rheology of  
one-part 3D printable geopolymer concrete  
Authors : Muthukrishnan, S. et al;  
Pages : 103899  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43906

216 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : Cement nanocomposites containing montmorillonite  
nanosheets modified with surfactants of various  
chain lengths  
Authors : OH, J.-A. et al;  
Pages : 103894  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43907

217 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : The fire resistance of high-strength concrete  
containing natural zeolites  
Authors : Kushnir, A.R. L. et al;  
Pages : 103897  
Notes : E 4031-32  
Addl Sbj : C 1317



Cntrl No.: 43908

- 218 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : The long-term failure mechanisms of alkali-activated slag mortar exposed to wet-dry cycles of sodium sulphate  
Authors : Li, Q. et al;  
Pages : 103893  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43909
- 219 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : Pore structure, adsorption, and water absorption of expanded perlite mortar in external thermal insulation composite system during aging  
Authors : Xiong, H. et al;  
Pages : 103900  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43910
- 220 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : Macro-meso-micro experimental studies of calcined clay limestone cement (LC3) paste subjected to elevated temperature  
Authors : LIN, R.-S. et al;  
Pages : 103871  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43911
- 221 Journal : Cement and Concrete Composite  
Year : 2021  
Period : February  
Volume : 116  
Title : Beneficial and detrimental effects of molybdate as an inhibitor on reinforcing steels in saturated Ca(OH)<sub>2</sub> solution: Spontaneous passivation  
Authors : WU, M. et al;  
Pages : 103887

Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43912

222 Journal : Cement and Concrete Composite  
Year : 2021  
Period : March  
Volume : 117  
Title : Enhanced effect of carbon nanofibers on heating efficiency of conductive cementitious composites under ohmic heating curing  
Authors : Tian, W. et al;  
Pages : 103904  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43913

223 Journal : Cement and Concrete Composite  
Year : 2021  
Period : March  
Volume : 117  
Title : Meso-scale mechanical deterioration of mortar subjected to freeze thaw cycles and sodium chloride attack  
Authors : Wang, Y. et al;  
Pages : 103906  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43914

224 Journal : Cement and Concrete Composite  
Year : 2021  
Period : March  
Volume : 117  
Title : Low hydration exothermic well cement system: the application of energy storage microspheres prepared by high-strength hollow microspheres carrying phase change materials  
Authors : BU, Y. et al;  
Pages : 103907  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43915

225 Journal : Cement and Concrete Composite  
Year : 2021  
Period : March  
Volume : 117  
Title : Use of magnesium-silicate-hydrate (M-S-H) cement mixes in 3D printing applications  
Authors : Panda, B. (Singapore, India). et al;

Pages : 103901  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43916

226 Journal : Cement and Concrete Composite  
Year : 2021  
Period : March  
Volume : 117  
Title : Performance evaluation of bacterial self-healing rigid pavement by incorporating recycled brick aggregate  
Authors : Saleem, B. et al;  
Pages : 103914  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43917

227 Journal : Cement and Concrete Composite  
Year : 2021  
Period : March  
Volume : 117  
Title : Nanoindentation on micromechanical properties and microstructure of geopolymer with nano-SiO<sub>2</sub> and nano-TiO<sub>2</sub>  
Authors : LUO, Z. et al;  
Pages : 103883  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43918

228 Journal : Cement and Concrete Composite  
Year : 2021  
Period : March  
Volume : 117  
Title : Experimental study on mechanical property and microstructure of cement mortar reinforced with elaborately recycled GFRP Fiber  
Authors : Zhou, B. et al;  
Pages : 103908  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43919

229 Journal : Cement and Concrete Composite  
Year : 2021  
Period : March  
Volume : 117  
Title : Characterization of microstructural damage evolution of freeze-thawed shotcrete by an integrative micro-CT and nanoindentation

- statistical approach.
- Authors : LIU,M. et al;  
Pages : 103909  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43920
- 230 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : Incorporation of minor consitituents into portland cement tricalcium silicate: Bond valence assessment of the alite M1 polymorph crystal structure using synchrotron XRPD data  
Authors : Fernandes, W. V. et al;  
Pages : 106125  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43921
- 231 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : Nanodispersed TiO<sub>2</sub> hydrosol modified portland cement paste: the underlying role of hydration on self-cleaning mechanisms  
Authors : Wang, Z. et al;  
Pages : 106156  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43922
- 232 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : Investigation into the molecular design and plasticizing effectiveness of HPEG- based polycarboxylate superplasticizers in alkali-activated slag  
Authors : Lei, L. and Chan, H.-K  
Pages : 106150  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43923
- 233 Journal : Cement and Concrete Research  
Year : 2020  
Period : October

- Volume : 136  
Title : Combined mechanical and 3D-microstructural analysis of strain-hardening cement-based composites (SHCC) by in-situ X-ray microtomography  
Authors : Lorenzoni, R. et al;  
Pages : 106139  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43924
- 234 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : Strength, shrinkage and creep and durability aspects of concrete including CO2 treated recycled fine aggregate  
Authors : Chinzorigt, G. et al;  
Pages : 106062  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43925
- 235 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : Evaluation of cement soundness using the ASTM C151 autoclave expansion test  
Authors : Kabir, H. et al;  
Pages : 106159  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43926
- 236 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : Prediction of surface chloride concentration of marine concrete using ensemble machine learning  
Authors : Cai, R. et al;  
Pages : 106164  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43927
- 237 Journal : Cement and Concrete Research  
Year : 2020  
Period : October

- Volume : 136  
Title : Ab initio molecular dynamics description of  
proton transfer at water-tricalcium silicate  
interface  
Authors : Claverie, J. et al;  
Pages : 106162  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43928
- 238 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : Intermolecular interactions of nanocrystalline  
alkali-silica reaction products under sorption  
Authors : Honorio, T. et al;  
Pages : 106155  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43929
- 239 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : The role of zinc in metakaolin-based geopolymers  
Authors : Wang, L. et al;  
Pages : 106194  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43930
- 240 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Cntrl No.: 43931
- 241 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : Mechanical and electromagnetic performance of  
cement based composites containing different  
replacement levels of ground granulated blast  
furnace slag, fly ash, silica fume and rice husk  
ash  
Authors : Ozturk, M. et al;  
Pages : 106177  
Notes : E 4031-32

Addl Sbj : C 1317  
Cntrl No.: 43932

- 242 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : Estimation of standard molar entropy of cement hydrates and clinker minerals  
Authors : Ghazizadeh, S. et al;  
Pages : 106188  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43933
- 243 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : The role of zinc in metakaolin-based geopolymers  
Authors : Wang, L. et al;  
Pages : 106194  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43934
- 244 Journal : Cement and Concrete Research  
Year : 2020  
Period : October  
Volume : 136  
Title : The impact of in-situ carbonate seeding on the early hydration of tricalcium silicate  
Authors : Monkman, S. et al;  
Pages : 106179  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43935
- 245 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : calcium sulfoaluminate clinker hydration at different alkali concentrations  
Authors : Padilla-Encinas, P. et al;  
Pages : 106251  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43936

- 246 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : Microstructure of thermoactivated recycled  
cement pastes  
Authors : Bogas, J.A. et al;  
Pages : 106226  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43937
- 247 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : Impact of Mg substitution on the structure and  
pozzolanic reactivity of calcium aluminosilicate  
(CaO-Al<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub>)  
Authors : Nie, S. et al;  
Pages : 106231  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43938
- 248 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : A Laboratory investigation of cutting damage to  
the steel-concrete interface  
Authors : Zhang, Z. et al;  
Pages : 106229  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43939
- 249 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : Effect of steel fiber on the crack permeability  
evolution and crack surface topography of  
concrete subjected to freeze-thaw damage  
Authors : Zeng, W. et al;  
Pages : 106230  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43940
- 250 Journal : Cement and Concrete Research



- Year : 2020  
Period : December  
Volume : 138  
Title : Effect of yield stress development on the foam-stability of aerated geopolymer concrete  
Authors : Dhasindrakrishna, K. et al;  
Pages : 106233  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43941
- 251 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : Rheology control of ultra-high-performance concrete made with different fiber contents  
Authors : Teng, L. et al;  
Pages : 106222  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43942
- 252 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : Effect of welan gum and nanoclay on thixotropy of UHPC  
Authors : Teng, L. et al;  
Pages : 106238  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43943
- 253 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : Global quantitative monitoring of the ion exchange balance in a chloride migration test on cementitious materials with mineral additions  
Authors : Cherif, R. et al;  
Pages : 106240  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43944
- 254 Journal : Cement and Concrete Research  
Year : 2020

- Period : December  
Volume : 138  
Title : High pressure behaviour of tobermorite  
          supergroup minerals: An in situ synchrotron X-  
          ray powder diffraction study  
Authors : Polisi, M. et al;  
Pages : 106249  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43945
- 255 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : Experimental investigation and prediction of  
          elastic modulus of ultra-high performance  
          concrete (UHPC) based on its composition  
Authors : Ouyang, X. et al;  
Pages : 106241  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43946
- 256 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : Expansive behavior of an alkali-carbonate  
          reactive dolostone from Argentina: Proposal of  
          an osmotic theory-based model to explain the  
          expansion caused by the alkali attack  
Authors : Milanesi, C. A. et al;  
Pages : 106239  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43947
- 257 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : Modelling of 3D concrete printing based on  
          computational fluid dynamics  
Authors : Comminal R. et al;  
Pages : 106256  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43948
- 258 Journal : Cement and Concrete Research

Year : 2020  
Period : December  
Volume : 138  
Title : Effect of sulfate on C-S-H at early age  
Authors : Berodier, E.M.J. et al;  
Pages : 106248  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43949

259 Journal : Cement and Concrete Research  
Year : 2020  
Period : December  
Volume : 138  
Title : A discussion of the paper "Cemdata 18: A  
chemical thermodynamic database for hydrated  
portland cements and alkali-activated materilas"  
Authors : Bellmann, F. et al;  
Pages : 106224  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43950

260 Journal : Journal A FCement and Concrete Research  
Year : Year B 2020  
Period : Period C December  
Volume : Volume D 138  
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.Flgl : Supp.FlglZ  
Abstract :  
Cntrl No.: 43951

261 Journal : Journal A FCement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Robustness of cement-based materials: from  
dosage variations to yield stress fluctuations  
Authors : Zuo, W. et al;  
Pages : 106260  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43952

- 262 Journal : Journal A FCement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Effect of chloride ingress on self-healing recovery to smart cementitious composite incorporating crystalline admixture and MgO expansive agent  
Authors : Xue, C. et al;  
Pages : 106252  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43953
- 263 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Effect of organic additives on calcium hydroxide crystallisation during lime slaking  
Authors : Pesce, C. et al;  
Pages : 106254  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43954
- 264 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Hydration behavior of cements with reduced clinker factor in mixture with sulfoaluminate binder  
Authors : Gastaldi, D. et al;  
Pages : 106261  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43955
- 265 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Rheological and pumping behaviour of 3D printable cementitious materials with varying aggregate content  
Authors : Mohan, M.K. et al;  
Pages : 106258  
Notes : E 4031-32  
Addl Sbj : C 1317

Cntrl No.: 43956

- 266 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Autogenous formation and smart behaviors of nitrite-and nitrate-intercalated layered double hydroxides (LDHs) in portland cement-metakaolin-dolomite blends  
Authors : Ye, H.  
Pages : 106267  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43957
- 267 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Performance of fly ash concrete with ferronickel slag fine aggregate against alkali-silica reaction and chloride diffusion  
Authors : Nguyen, Q.D. et al;  
Pages : 106265  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43958
- 268 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Pozzolanic reactivity of natural pozzolans ground glasses and coal bottom ashes and implication of their incorporation on the chloride permeability of concrete  
Authors : Kasaniya, M. et al;  
Pages : 106259  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43959
- 269 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Carbon sequestration of steel slag and carbonation for activating RO phase  
Authors : Chen, Z. et al;  
Pages : 106271

Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43960

- 270 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Carbonation, strength development, and  
characterization of calcined limestone as a  
potential construction material  
Authors : Hay, R. et al;  
Pages : 106263  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43961
- 271 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Microstructural changes and mass transport in  
cement-based materials: A modeling approach  
Authors : Michel, A. et al;  
Pages : 106285  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43962
- 272 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Experimental and numerical study of the effects  
of solution concentration and temperature on  
concrete under external sulfate attack  
Authors : Zou, D. et al;  
Pages : 106284  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43963
- 273 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Portable quantitative confocal Raman  
spectroscopy: Non-destructive approach of the  
carbonation chemistry and kinetics  
Authors : Mario, M. et al;  
Pages : 106280

Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43964

- 274 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Microstructure and water absorption of ancient  
concrete from pompeli: An and neutron  
radiography characterization  
Authors : Xu, K. et al;  
Pages : 106282  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43965
- 275 Journal : Cement and Concrete Research  
Year : 2021  
Period : January  
Volume : 139  
Title : Modeling of aqueous species interaction energies  
prior to nucleation in cement-based gel systems  
Authors : Yang, K. and White, C. E.  
Pages : 106266  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43966
- 276 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Belite cements and their activation  
Authors : Cuesta, A. et al;  
Pages : 106319  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43967
- 277 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Inhibition mechanisms of steel slag on the early  
age hydration of cement  
Authors : Zhuang, S. and Wang, Q.  
Pages : 106283  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43968

- 278 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Understanding the setting and hardening process  
of wollastonite-based brushite cement. Part 2:  
Influence of the boron and aluminum  
concentrations in the mixing solution  
Authors : Laniesse, P. et al;  
Pages : 106288  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43969
- 279 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Bridging the gap between NMR measured mean  
silicate chain length and nano-scale silicate  
polymorphism of calcium silicate hydrates  
Authors : Chiang, Y. and Chang, S.-W  
Pages : 106268  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43970
- 280 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Assessment of mechanical, thermal properties and  
crystal shapes of monoclinic tricalcium silicate  
from atomistic simulations  
Authors : Claverie, J. et al;  
Pages : 106269  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43971
- 281 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Hydration of potassium citrate-activated BOF  
slag  
Authors : Kaja, A.M. et al;  
Pages : 106291  
Notes : E 4031-32  
Addl Sbj : C 1317



Cntrl No.: 43972

- 282 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : The anion exchange properties of AFm  
(hydrocalumite-group) minerals defined from  
solubility experiments and crystallographic  
information  
Authors : Appelo, C.A.J.  
Pages : 106270  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43973
- 283 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Seawater sea-sand engineered/strain-hardening  
cementitious composites (ECC/SHCC): Assessment  
and modeling of crack characteristics  
Authors : Huang, B.-T. et al;  
Pages : 106292  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43974
- 284 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : 3D imaging techniques for characterising  
microcracks in cement-based materials  
Authors : Mac, M.J. et al;  
Pages : 106309  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43975
- 285 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Effect of pH on the nano/micro structure of  
calcium silicate hydrate (C-S-H) under sulfate  
attack  
Authors : Liu, X. et al;  
Pages : 106306  
Notes : E 4031-32

Addl Sbj : C 1317  
Cntrl No.: 43976

286 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Assessment of asymmetrical rheological behavior  
of cementitious material for 3D printing  
application  
Authors : Jacquet Y. et al;  
Pages : 106305  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43977

287 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Effect of Al on the formation and structure of  
alkali-silica reaction products  
Authors : Shi, Z. et al;  
Pages : 106311  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43978

288 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Effect of moderate temperatures on compressive  
strength of ultra-high-performance concrete: A  
microstructural analysis  
Authors : Suescum-Morales, D. et al;  
Pages : 106303  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43979

289 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Spectroscopic investigations on structural  
incorporation pathways of Fe''' into zeolite  
frameworks in cement-relevant environments  
Authors : Ma, B. et al;  
Pages : 106304  
Notes : E 4031-32

Addl Sbj : C 1317  
Cntrl No.: 43980

290 Journal : Journal A FCement and Concrete Research  
Year : Year B 2021  
Period : Period C February  
Volume : Volume D 140  
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.: 43981

291 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Mineralogical and microstructural alterations in  
a portland cement paste after an accelerated  
decalcification process  
Authors : Garcia-Lodeiro, I. et al;  
Pages : 106312  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43982

292 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Meso-scale modelling of compressive fracture in  
concrete with irregularly shaped aggregates  
Authors : Naderi, S. et al;  
Pages : 106317  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43983

293 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Early reactivity of sodium silicate-activated

- slag pastes and its impact on rheological properties  
Authors : Palacios, M. et al;  
Pages : 106302  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43984
- 294 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Concrete shrinkage and creep under drying/wetting cycles  
Authors : Song, Y. et al;  
Pages : 106308  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43985
- 295 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : On the retardation mechanisms of citric acid in ettringite-based binders  
Authors : Nguyen, H. et al;  
Pages : 106315  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43986
- 296 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Cs retention and diffusion in C-S-H at different Ca/Si ratio  
Authors : Duque-Redondo, E. et al;  
Pages : 106294  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43987
- 297 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Multifunctional application of nanoscratch technique to characterize cementitious materials  
Authors : We, Y. et al;

Pages : 106318  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43988

298 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Effect of polycarboxylate ether on the expansion  
of ye'elimite hydration in the presence of  
anhydrite  
Authors : Li, C. et al;  
Pages : 106321  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43989

299 Journal : Cement and Concrete Research  
Year : 2021  
Period : February  
Volume : 140  
Title : Lattice boltzmann simulation of the dissolution  
of slag in alkaline solution using real-shape  
particles  
Authors : Zuo, Y. and Ye, G.  
Pages : 106313  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43990

300 Journal : Cement International  
Year : 2020  
Period : May June  
Volume : 18  
Issue : 3  
Title : Refurbishing of girth gears with FCB Nova-Gear  
Authors : Boudot, F. et al;  
Pages : 30-33  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43991

301 Journal : Cement International  
Year : 2020  
Period : May June  
Volume : 18  
Issue : 3  
Title : Influence of excess air number and coke fraction  
on lime quality in mixed feed shaft kilns  
Authors : Hallak, B. et al;

Pages : 34-41  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43992

302 Journal : Cement International  
Year : 2020  
Period : May June  
Volume : 18  
Issue : 3  
Title : Sand extraction through mobile processing  
Authors : Schutz, S. et al;  
Pages : 46-49  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43993

303 Journal : Cement International  
Year : 2020  
Period : July - August  
Volume : 18  
Issue : 4  
Title : The VEZ series single-shaft shredder for single-stage and two-stage shredding in refuse-derived fuel (RDF) production  
Authors : Hamer, T. et al;  
Pages : 30-33  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43994

304 Journal : Cement International  
Year : 2020  
Period : July - August  
Volume : 18  
Issue : 4  
Title : Use of hard pellets for firing of rotary kilns in cement plants  
Authors : Biedenkopf, P. et al;  
Pages : 34-37  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43995

305 Journal : Cement International  
Year : 2020  
Period : July - August  
Volume : 18  
Issue : 4  
Title : Options and limits for low-CO2 Cement production  
Authors : Moller, H et al;

Pages : 50-62  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43996

- 306 Journal : Cement International  
Year : 2020  
Period : Sep-Oct  
Volume : 18  
Issue : 5  
Title : Betrieb und Instandhaltung der Rollen von Hochdruck-Rollenmuhlen  
Authors : Deshmukh, R. et al;  
Pages : 38-43  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43997
- 307 Journal : Cement International  
Year : 2020  
Period : Sep-Oct  
Volume : 18  
Issue : 5  
Title : Non-contract magneto-elastic measurement of torque for retrofitting of rotating machines  
Authors : Kalkert, P. et al;  
Pages : 44-47  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43998
- 308 Journal : Cement International  
Year : 2020  
Period : Sep-Oct  
Volume : 18  
Issue : 5  
Title : Durability properties of concretes using CEM II/C-M (S-LL) and CEM II/B-LL cements  
Authors : Muller, C. et al;  
Pages : 52-62  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 43999
- 309 Journal : Cement International  
Year : 2020  
Period : Sep-Oct  
Volume : 18  
Issue : 5  
Title : Polysius activated clay for less CO2 emissions in the production of cement clinker

Authors : Fit, L. et al;  
Pages : 48-51  
Notes : E 4031-32  
Addl Sbj : C 13117  
Cntrl No.: 44000

310 Journal : Indian Highways  
Year : 2021  
Period : February  
Volume : 49  
Issue : 2  
Title : The Hangami Pool - A Case study on construction  
of Temporary Crossing Across Tapi River  
Authors : Bhagure, Ganesh S. and Tiwari, Saurabh S.  
Pages : 11-15  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44001

311 Journal : Indian Highways  
Year : 2021  
Period : February  
Volume : 49  
Issue : 2  
Title : Analysis of the Reasons and Causes to Adopt PPP  
Model for Road Development with special  
reference to Maharashtra state  
Authors : Dr. Dekate, M.N.  
Pages : 16-23  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44002

312 Journal : Indian Highways  
Year : 2021  
Period : February  
Volume : 49  
Issue : 2  
Title : Role of courts in the implementation of  
arbitration awards and reasons of delays thereof  
Authors : Mann, G. S  
Pages : 24-26  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44003

313 Journal : Indian Highways  
Year : 2021  
Period : March  
Volume : 49  
Issue : 3



Title : Mud concrete blocks for pedestrian footpath  
Authors : Guruvittal, U.K. et al;  
Pages : 11-18  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44004

314 Journal : Indian Highways  
Year : 2021  
Period : March  
Volume : 49  
Issue : 3  
Title : High Modulus Asphalt Binders and Mixes for high  
volume roads: A Review  
Authors : Kumer Goli, Arun. et al;  
Pages : 19-25  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44005

315 Journal : Indian Highways  
Year : 2021  
Period : March  
Volume : 49  
Issue : 3  
Title : Flyash Based Geopolymer concrete paving blocks-A  
review  
Authors : Ojha Avinash and Gupta Lokesh  
Pages : 26-32  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44006

316 Journal : Mapan  
Year : 2020  
Period : March  
Volume : 35  
Issue : 1  
Title : Adapted Technique for Calibrating Voltage  
Dividers of AC high-voltage measuring systems  
Authors : HM Mageed Abdel and RS Eldeen Salah  
Pages : 11-18  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44007

317 Journal : Mapan  
Year : 2020  
Period : March  
Volume : 35  
Issue : 1

- Title : Accuracy Estimation of propagation velocity in variable path ultrasonic interferometer for Liquid  
Authors : S Sharma. et al;  
Pages : 19-24  
Notes : E4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44008
- 318 Journal : Mapan  
Year : 2020  
Period : March  
Volume : 35  
Issue : 1  
Title : Comparative Assessment of Ambient air quality of Major cities of pakistan  
Authors : AB Tabinda. et al;  
Pages : 25-32  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44009
- 319 Journal : Mapan  
Year : 2020  
Period : March  
Volume : 35  
Issue : 1  
Title : An Automated calibration system for blood pressure measurement traceability  
Authors : BA Rodrigues Filho. et al;  
Pages : 43-52  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44010
- 320 Journal : Mapan  
Year : 2020  
Period : March  
Volume : 35  
Issue : 1  
Title : Harmonic parameter online estimation in power system based on Hann self-convolving window and equidistant two-point interpolated DFT  
Authors : Y, Xu. et al;  
Pages : 69-80  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44011
- 321 Journal : Mapan

Year : 2020  
Period : June  
Volume : 35  
Issue : 2  
Title : Quality infrastructure of india and its  
importance for inclusive national growth  
Authors : DK Aswal  
Pages : 139-150  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44012

322 Journal : Mapan  
Year : 2020  
Period : June  
Volume : 35  
Issue : 2  
Title : Calibration of force standard machine by build-  
up force transfer system in the highest range up  
to 60 MN  
Authors : Liang W. et al;  
Pages : 151-164  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44013

323 Journal : Mapan  
Year : 2020  
Period : June  
Volume : 35  
Issue : 2  
Title : Development and Metrological evaluation of an  
industrial force transducer  
Authors : Singh AP. et al;  
Pages : 165-176  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44014

324 Journal : Mapan  
Year : 2020  
Period : June  
Volume : 35  
Issue : 2  
Title : Optimization of control parameters of PMT-Based  
Photon Counting System  
Authors : Kapri, RK. et al;  
Pages : 177-182  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44015

- 325 Journal : Journal A FMapan  
Year : Year B 2020  
Period : Period C June  
Volume : Volume D 35  
Issue : Issue E 2  
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.Flgl : Supp.FlglZ  
Abstract :  
Cntrl No.: 44016
- 326 Journal : Mapan  
Year : 2020  
Period : June  
Volume : 35  
Issue : 2  
Title : Development of remote wireless environmental  
conditions measurement, Monitoring and recording  
device for metrological and other scientific  
application  
Authors : Kumar R. et al;  
Pages : 193-200  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44017
- 327 Journal : Mapan  
Year : 2020  
Period : June  
Volume : 35  
Issue : 2  
Title : Rain attenuation prediction model assessment on  
3-year Ka-Band signal of MEASAT-5 at Tropical  
Region Using 7.3-m Antenna  
Authors : Samat F. et al;  
Pages : 201-212  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44018
- 328 Journal : Mapan  
Year : 2020  
Period : June  
Volume : 35

- Issue : 2  
Title : Performance analysis of light-weight scattering  
coefficient counter with aurora 3000  
Nephelometer over Delhi  
Authors : Ahlawat A, et al;  
Pages : 213-220  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44019
- 329 Journal : Mapan  
Year : 2020  
Period : June  
Volume : 35  
Issue : 2  
Title : An approach to optimize Homogenous and  
heterogeneous routing protocols in WSN using  
Sink mobility  
Authors : Sethi D.  
Pages : 241-250  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44020
- 330 Journal : Mapan  
Year : 2020  
Period : June  
Volume : 35  
Issue : 2  
Title : Measurement and Optimization of performance  
parameters of linear switched Reluctance Motor  
using Finite Element Method  
Authors : Prasad N. et al;  
Pages : 251-260  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44021
- 331 Journal : Mapan  
Year : 2020  
Period : June  
Volume : 35  
Issue : 2  
Title : A review of Diameter Measurement and a Proposal  
for the Improvement Thereof  
Authors : Sanjid MA. et al;  
Pages : 275-286  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44022

332 Journal : Mapan  
Year : 2020  
Period : September  
Volume : 35  
Issue : 3  
Title : Characterization of newly designed vacuum valve  
having a variable conductance function  
Authors : Song HW and Woo SY  
Pages : 309-316  
Notes : E4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44023

333 Journal : Mapan  
Year : 2020  
Period : September  
Volume : 35  
Issue : 3  
Title : Effect of eccentricity on roundness Measurement  
Accuracy for cylindrical components with large  
radius  
Authors : Tian H-H. et al;  
Pages : 317-322  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44024

334 Journal : Mapan  
Year : 2020  
Period : September  
Volume : 35  
Issue : 3  
Title : 3D laser scanning pointcloud processing  
uncertainty Estimation for fuel Tank volume  
calibration  
Authors : Knyva M. et al;  
Pages : 333-342  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44025

335 Journal : Mapan  
Year : 2020  
Period : September  
Volume : 35  
Issue : 3  
Title : Automation software for semiconductor research  
laboratories Measurement system and instrument  
control program (SeCLaS-IC)  
Authors : Akkaya A and Ayyildi E.  
Pages : 343-350

- Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44026
- 336 Journal : Mapan  
Year : 2020  
Period : September  
Volume : 35  
Issue : 3  
Title : Investigation of different Compression apparatus  
usage effects in calibration process of strain  
cylinders  
Authors : Dizdar H. et al;  
Pages : 359-364  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44027
- 337 Journal : Mapan  
Year : 2020  
Period : September  
Volume : 35  
Issue : 3  
Title : Validation of an improved optimization Technique  
for photovoltaic modeling  
Authors : Mageed HMA. et al;  
Pages : 365-376  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44028
- 338 Journal : Mapan  
Year : 2020  
Period : September  
Volume : 35  
Issue : 3  
Title : A metrological method of the profile camber  
angle of Aeroengine Blades  
Authors : Li, X-Z. et al;  
Pages : 387-396  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44029
- 339 Journal : Mapan  
Year : 2020  
Period : December  
Volume : 35  
Issue : 4  
Title : Redefinition of SI units and its Implications  
Authors : Schlamming S. et al;

- Pages : 471-474  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44030
- 340 Journal : Mapan  
Year : 2020  
Period : December  
Volume : 35  
Issue : 4  
Title : Evolution of measurement system and SI units in india  
Authors : Rab S. et al;  
Pages : 475-490  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44031
- 341 Journal : Mapan  
Year : 2020  
Period : December  
Volume : 35  
Issue : 4  
Title : The uncertainty paradox: Molar mass of enriched versus natural silicon used in the XRCd method  
Authors : Pramann A. et al;  
Pages : 499-510  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44032
- 342 Journal : Mapan  
Year : 2020  
Period : December  
Volume : 35  
Issue : 4  
Title : The measurement of the silicaon lattice parameter and the count of atoms to realise the kilogram  
Authors : Massa E. et al;  
Pages : 511-520  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44033
- 343 Journal : Mapan  
Year : 2020  
Period : December  
Volume : 35  
Issue : 4  
Title : optical atomic clocks for redefining SI units of



- time and frequency  
Authors : Sharma L. et al;  
Pages : 531-546  
Notes : E4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44034
- 344 Journal : Mapan  
Year : 2020  
Period : December  
Volume : 35  
Issue : 4  
Title : An artificial neural network model for timescale  
atomic clock ensemble algorithm  
Authors : Sruthikeerthi Nandita R. et al;  
Pages : 547-554  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44035
- 345 Journal : Journal of the Geological Society of India  
Year : 2021  
Period : March  
Volume : 97  
Issue : 3  
Title : Sodic-silicic Magmatism in Tadpatri formation- A  
study in Quartz Keratophyre and Albitite  
Authors : Chakraborty Kasturi, et al;  
Pages : 227-237  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44036
- 346 Journal : Journal of the Geological Society of India  
Year : 2021  
Period : March  
Volume : 97  
Issue : 3  
Title : Last 10000 years variation in the Intensity of  
OMZ-core Reconstructed from sediment of the  
Eastern Arabian Sea.  
Authors : Joshi Govind P. et al;  
Pages : 243-248  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44037
- 347 Journal : Journal of the Geological Society of India  
Year : 2021  
Period : March  
Volume : 97

- Issue : 3  
Title : Seismotectonics and spatio-temporal variations  
in seismicity Rates along Andaman Trench.  
Authors : Bhat Gulam Rasool. et al;  
Pages : 249-254  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44038
- 348 Journal : Journal of the Geological Society of India  
Year : 2021  
Period : March  
Volume : 97  
Issue : 3  
Title : Exploring the Mineralogy at lonar crater with  
Hyperspectral Remote sensing  
Authors : Gore Ranjana. et al;  
Pages : 261-266  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44039
- 349 Journal : Journal of the Geological Society of India  
Year : 2021  
Period : March  
Volume : 97  
Issue : 3  
Title : Sediment and Nutrient Transfer from an inter-  
montane Agricultural Catchment in Himachal  
Himalayas of Northwestern India  
Authors : Jagdeep Singh and Omvir Singh  
Pages : 282-292  
Notes : E 4031-32  
Addl Sbj : C 1317  
Cntrl No.: 44040