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- 2 AKTAS, G., et al
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- 3 ANDERMATT, M.F. and LUBELL, A.S.
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- 4 ANDERMATT, M.F. and LUBELL, A.S.
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- 6 ANON
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- 8 ANTONACI, P., et al
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** - Keywords

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- 9 AYDIN, S. and BARADAN,B.
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- 10 BACH, T.T.H. et al
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- 11 BEYENE, M., et al
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- 13 BIAN, H. and PLANK, J
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- 14 BISSCHOP, J. and KURLOV, A.
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- 15 BORGES, L.L.J.

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- 16 BORRACHERO, M.V., et al
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** - Keywords

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- 17 CRUZ, J.M., et al
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** - Keywords 3

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- 28 GARCIA CALVO, J.L., et al
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- 29 GUO, G., et al
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- 30 GUTBERLET, T., et al
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- 31 HABBABA, A., et al
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Indian Cem Rev 2014 April; 28(9): 51-E3814-16.

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** - Keywords

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- 33 JOHN, E. and GETTU, R.
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- 35 KEE, S-H. and ZHU, J.
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- 37 KINOSHITA, H., et al
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- 38 KUTE, S.Y. and KALE, R.S.
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- 39 KWOK, S.H., et al
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** - Keywords

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- 41 LAWRENCE, A.M., et al
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- 49 MATTA, F., et al
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** - Keywords

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- Control No. : 40963
- 50 McCarter, W.J. , et al
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** - Keywords

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- 58 PEDERSEN, R.R., et al
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- 64 ROSSI, P., et al
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- 66 SATYAM, R.
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- 79 ZGHAYAR, E.E., et al
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** - Keywords

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