

Papers Published in SCI Journals

Papers published in SCI journals (From Jan 2017-Till date)

- ❖ Basalt: Structural Insight as a Construction Material
Smriti Raj; Ramesh Kumar, V.; Bharathkumar, B.H., Iyer, N.R.
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- ❖ Prediction of Basic Creep of Concrete—Semi-Empirical Model Based on Adaptive Link Mechanism
Shatabdi Mallick; Anoop, M.B.; Balaji Rao, K.
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Vol. 114, No. 1, Jan-Feb 2017, pp 2939
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- ❖ Quasi-cyclic fracture studies on stainless steel welded straight pipes with circumferential through-wall crack in the weld
Vishnuvardhan, S.; Gandhi, P.; Raghava, G.; Pukazhendhi, D.M.; Saravanan, M.; Suneel K. Gupta; Vivek Bhasin; Vaze, K. K.
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Vol. 149, Jan 2017, pp 3342
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- ❖ Synthesis, characterisation and performance of piezo-resistive cementitious nanocomposites
Sasmal, S.; Ravivarman, N.; Sindhu, B.S.
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Vol. 75, Jan 2017, pp 1021
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- ❖ Structural damage detection through longitudinal wave propagation using spectral finite element method
Kumar, KV.; Saravanan, TJ.; Sreekala, R.; Gopalakrishnan, N.; Mini, KM.
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Techno Press
Vol. 12, No. 1, Jan 2017, pp 161-183
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- ❖ Effects on corrosion resistance of rebar subjected to deep cryogenic treatment
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- ❖ Application of Steel Fibre Reinforced Cementitious Composites in High Velocity Impact Resistance
Amar Prakash; Srinivasan, S.M.; Rama Mohan Rao, A.
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- ❖ Weibull distribution based constitutive model for nonlinear analysis of RC beams
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- ❖ Developments in vibration control of structures and structural components with magnetorheological fluids
Rama Raju, K.; Varma, DV.
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Current Science Association, Bengaluru
Vol. 112, No. 3, Feb 2017, pp 499-508
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- ❖ Nonlinear identification of MDOF systems using Volterra series approximation
Prawin, J.; Rama Mohan Rao, A.
Mechanical Systems and Signal Processing
Elsevier
Vol. 84, PartA, Feb 2017, pp 58-77
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- ❖ Acoustic emission monitoring of reinforced concrete beams subjected to four-point-bending
Prabhat Ranjan Prem; Ramachandramurthy, A.
Applied Acoustics
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Vol. 117, Part A, Feb 2017, pp 28-38
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- ❖ Nutritional Behavior, Morphogenesis Cycle and Sediment Consolidation Capabilities of the Calcareous Bacteria Derived from Coastal Marine Sediments
Sarayu Krishnamoorthy; Annaselvi, M.; Ramachandra Murthy, A.; Nagesh R. Iyer
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Vol. 34, No. 9, 2017, pp 795-803
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- ❖ Experiments on coupled axial- flexural wave propagation in a sagged rod with structural discontinuity using piezoelectric transducers
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- ❖ A thermodynamical approach towards group multi-criteria decision making (GMCDM) and its application to human resource selection
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- ❖ A review on fly ash characteristics- Towards promoting high volume utilization in developing sustainable concrete
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 - Vol. 147, Mar 2017, pp 546559
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- ❖ Unraveling the mystery of hearing in gerbil and other rodents with an arch-beam model of the basilar membrane
 - Santosh Kapuria ; Charles R. Steele ; Sunil Puria
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- ❖ Response of Steel Fiber Reinforced Cementitious Composite Panels Subjected to Extreme Loading Conditions
 - Amar Prakash; Srinivasan, S.M.; Rama Mohan Rao, A.
 - Journal of Engineering Materials and Technology – ASME
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 - Vol. 139, No. 2, Apr 2017
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- ❖ Exploitation and optimization of a microbial fuel cell for the treatment of whey wastewater and the power generation
 - Shanmuganathan, P.; Murthy, A.R.; Rajasulochana, P.; Vishwalingam, K.
 - Desalination and Water Treatment
 - Desalination Publ., USA
 - Vol. 72, 2017, pp 156-161
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- ❖ Experimental and numerical investigations on the performance evaluation of shear deficient and GFRP strengthened reinforced concrete beams
 - Banjara, NK.; Ramanjaneyulu, K.
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