

K Ganesh Babu

List of Publications by Year in descending order

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15
papers

1,095
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	A unit cell based three-phase approach for the mechanical characterization of quasi-brittle cementitious composites. <i>Finite Elements in Analysis and Design</i> , 2015, 104, 26-34.	3.2	3
2	Beneficiation of Natural Zeolite through Flash Calcination for Its Use as a Mineral Admixture in Concrete. <i>Journal of Materials in Civil Engineering</i> , 2014, 26, 24-33.	2.9	17
3	Development of two-phase unit cell: for modeling the deformation and failure response of quasi-brittle composites. <i>Acta Mechanica</i> , 2014, 225, 3625-3638.	2.1	2
4	Transport properties of high volume fly ash roller compacted concrete. <i>Cement and Concrete Composites</i> , 2011, 33, 1057-1062.	10.7	74
5	Strength efficiency of metakaolin in concrete. <i>Structural Concrete</i> , 2006, 7, 27-31.	3.1	8
6	Effect of polystyrene aggregate size on strength and moisture migration characteristics of lightweight concrete. <i>Cement and Concrete Composites</i> , 2006, 28, 520-527.	10.7	165
7	Effect of magnesium and sulphate ions on the sulphate resistance of blended cements in low and medium-strength concretes. <i>Advances in Cement Research</i> , 2005, 17, 47-55.	1.6	4
8	Properties of lightweight expanded polystyrene aggregate concretes containing fly ash. <i>Cement and Concrete Research</i> , 2005, 35, 1218-1223.	11.0	219
9	Performance of fly ash concretes containing lightweight EPS aggregates. <i>Cement and Concrete Composites</i> , 2004, 26, 605-611.	10.7	73
10	Studies on strength and permeability characteristics of blended cements in low and medium strength concretes. <i>Structural Concrete</i> , 2004, 5, 61-70.	3.1	2
11	Quantification of hydrated cement products of blended cements in low and medium strength concrete using TG and DTA technique. <i>Thermochimica Acta</i> , 2003, 407, 49-60.	2.7	159
12	Efficiency of GGBS in concrete. <i>Cement and Concrete Research</i> , 2000, 30, 1031-1036.	11.0	196
13	Efficiency of fly ash in concrete with age. <i>Cement and Concrete Research</i> , 1996, 26, 465-474.	11.0	45
14	Efficiency of silica fume in concrete. <i>Cement and Concrete Research</i> , 1995, 25, 1273-1283.	11.0	72
15	Early strength behaviour of fly ash concretes. <i>Cement and Concrete Research</i> , 1994, 24, 277-284.	11.0	56