

Bishnu Gautam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/853100/publications.pdf>

Version: 2024-02-01

10
papers

165
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of coarse aggregate grading on the ASR expansion and damage of concrete. Cement and Concrete Research, 2017, 95, 75-83.	11.0	50
2	The effect of elevated conditioning temperature on the ASR expansion, cracking and properties of reactive Spratt aggregate concrete. Construction and Building Materials, 2017, 140, 310-320.	7.2	34
3	A new method of applying long-term multiaxial stresses in concrete specimens undergoing ASR, and their triaxial expansions. Materials and Structures/Materiaux Et Constructions, 2016, 49, 3495-3508.	3.1	23
4	Nano-mechanical properties of alkali-silica reaction (ASR) products in concrete measured by nano-indentation. Construction and Building Materials, 2018, 158, 75-83.	7.2	21
5	Shear deformation and interface behaviour of concrete-filled CFRP box beams. Composite Structures, 2009, 89, 20-27.	5.8	14
6	Material, structural and modelling aspects of alkali aggregate reaction in concrete. Nuclear Engineering and Design, 2019, 351, 87-93.	1.7	9
7	Effect of Multiaxial Stresses on Alkali-Silica Reaction Damage of Concrete. ACI Materials Journal, 2017, 114, .	0.2	8
8	Atomic force microscopy characterisation of alkali-silica reaction products to reveal their nanostructure and formation mechanism. Ceramics International, 2018, 44, 7310-7314.	4.8	6
9	Failure Mechanism of Empty and Concrete-Filled CFRP Box Beams. Journal of Composites for Construction, 2010, 14, 336-345.	3.2	0
10	Multiaxial restraint of steel fibres in ASR-affected fibre reinforced concrete. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	3.1	0