

Hyuk Lee

List of Publications by Year in descending order

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13
papers

186
citations

1478505

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1199594

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docs citations

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191
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregate Geometry Generation Method Using a Structured Light 3D Scanner, Spherical Harmonics-Based Geometry Reconstruction, and Placing Algorithms for Mesoscale Modeling of Concrete. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	13
2	Transversely isotropic elastic-plastic properties in thermal arc sprayed Al-Zn coating: a microporomechanics approach. <i>Scientific Reports</i> , 2020, 10, 11176.	3.3	1
3	Cohesive-strength properties versus porosity of cementitious materials. <i>Construction and Building Materials</i> , 2020, 258, 120376.	7.2	1
4	Identification of transversely isotropy of calcium silicate hydrate using nanoindentation and finite element analysis. <i>Construction and Building Materials</i> , 2020, 261, 119900.	7.2	5
5	Relationship of Stiffness-Based Indentation Properties Using Continuous-Stiffness-Measurement Method. <i>Materials</i> , 2020, 13, 97.	2.9	6
6	Cohesive-strength homogenisation model of porous and non-porous materials using linear comparison composites and application. <i>Scientific Reports</i> , 2020, 10, 3425.	3.3	0
7	Investigation of Pindan soil modified with polymer stabilisers for road pavement. <i>Journal of Infrastructure Preservation and Resilience</i> , 2020, 1, .	3.2	5
8	An Investigation of Nanomechanical Properties of Materials using Nanoindentation and Artificial Neural Network. <i>Scientific Reports</i> , 2019, 9, 13189.	3.3	20
9	Abrasion resistance behaviour of fly ash based geopolymer using nanoindentation and artificial neural network. <i>Construction and Building Materials</i> , 2019, 212, 635-644.	7.2	26
10	Nanomechanical properties of thermal arc sprayed coating using continuous stiffness measurement and artificial neural network. <i>Surface and Coatings Technology</i> , 2019, 366, 266-276.	4.8	12
11	Study of Strain-Hardening Behaviour of Fibre-Reinforced Alkali-Activated Fly Ash Cement. <i>Materials</i> , 2019, 12, 4015.	2.9	2
12	Creep properties of cement and alkali activated fly ash materials using nanoindentation technique. <i>Construction and Building Materials</i> , 2018, 168, 547-555.	7.2	35
13	Mechanical and micromechanical properties of alkali activated fly-ash cement based on nano-indentation. <i>Construction and Building Materials</i> , 2016, 107, 95-102.	7.2	60