Hyuk Lee

List of Publications by Year
in descending order

13	186	1478505 6	1199594 12
papers	citations	h-index	g-index

13	13	13	191
all docs	docs citations	times ranked	citing authors

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