

Beomjoo Yang

List of Publications by Year in descending order

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759233

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19
docs citations

19
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368
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanotube (CNT) incorporated cementitious composites for functional construction materials: The state of the art. <i>Composite Structures</i> , 2019, 227, 111244.	5.8	95
2	Hydration kinetics and products of MgO-activated blast furnace slag. <i>Construction and Building Materials</i> , 2020, 249, 118700.	7.2	46
3	Flexible and coatable insulating silica aerogel/polyurethane composites via soft segment control. <i>Composites Science and Technology</i> , 2019, 171, 244-251.	7.8	35
4	Thermal behavior of alkali-activated fly ash/slag with the addition of an aerogel as an aggregate replacement. <i>Cement and Concrete Composites</i> , 2020, 106, 103462.	10.7	33
5	Environmentally benign production of one-part alkali-activated slag with calcined oyster shell as an activator. <i>Construction and Building Materials</i> , 2020, 257, 119552.	7.2	32
6	Comprehensive study of effects of filler length on mechanical, electrical, and thermal properties of multi-walled carbon nanotube/polyamide 6 composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 125, 105542.	7.6	26
7	Enhanced mechanical and thermal properties of carbon fiber-reinforced thermoplastic polyketone composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 126, 105599.	7.6	26
8	Improved electromagnetic wave shielding capability of carbonyl iron powder-embedded lightweight CFRP composites. <i>Composite Structures</i> , 2022, 286, 115326.	5.8	23
9	Enhanced electrical and electromagnetic interference shielding properties of uniformly dispersed carbon nanotubes filled composite films via solvent-free process using ring-opening polymerization of cyclic butylene terephthalate. <i>Polymer</i> , 2020, 186, 122030.	3.8	22
10	Improved electromagnetic interference shielding performances of carbon nanotube and carbonyl iron powder (CNT@CIP)-embedded polymeric composites. <i>Journal of Materials Research and Technology</i> , 2022, 18, 1256-1266.	5.8	20
11	Effects of exposure temperature on the piezoresistive sensing performances of MWCNT-embedded cementitious sensor. <i>Journal of Building Engineering</i> , 2022, 47, 103816.	3.4	14
12	Swarm intelligence integrated micromechanical model to investigate thermal conductivity of multi-walled carbon nanotube-embedded cyclic butylene terephthalate thermoplastic nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 128, 105646.	7.6	12
13	Micromechanics-integrated machine learning approaches to predict the mechanical behaviors of concrete containing crushed clay brick aggregates. <i>Construction and Building Materials</i> , 2022, 317, 125840.	7.2	12
14	Effect of polymer binder on the mechanical and microstructural properties of pervious pavement materials. <i>Construction and Building Materials</i> , 2022, 325, 126209.	7.2	12
15	Synergistic Effect of MWCNT and Carbon Fiber Hybrid Fillers on Electrical and Mechanical Properties of Alkali-Activated Slag Composites. <i>Crystals</i> , 2020, 10, 1139.	2.2	11
16	Repetitive heating performance of MgO-activated ground granulated blast furnace slag composites containing MWCNTs. <i>Functional Composites and Structures</i> , 2021, 3, 015003.	3.4	7
17	Light-Induced Transport of Water and Guest Molecules in Mesoporous Silica Nanocontainer Interface. <i>Macromolecular Research</i> , 2020, 28, 650-652.	2.4	1
18	Mechanical and Microscopic Characteristics of Polyurethane-Based Pervious Pavement Composites. <i>Materials</i> , 2021, 14, 4365.	2.9	1