

Bo Huang

List of Publications by Year in descending order

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papers

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1478505

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Microscale damage evolutions in fiber-reinforced composites with different initial defects. <i>Composite Structures</i> , 2022, 279, 114856.	5.8	4
2	A new two-step modeling strategy for random micro-fiber reinforced composites with consideration of primary pores. <i>Composites Science and Technology</i> , 2022, 218, 109122.	7.8	4
3	Thermal stress performance of glazed units contained phase change material. <i>Energy Exploration and Exploitation</i> , 2021, 39, 1973-1992.	2.3	1
4	2D bio-based nanomaterial as a green route to amplify the formation of hydrate phases of cement composites: Atomistic simulations and analytical characterization. <i>Construction and Building Materials</i> , 2021, 299, 123867.	7.2	6
5	Ultra-lightweight high ductility cement composite incorporated with low PE fiber and rubber powder. <i>Construction and Building Materials</i> , 2021, 312, 125430.	7.2	27
6	Failure analysis of fiber-reinforced composites subjected to coupled thermo-mechanical loading. <i>Composite Structures</i> , 2020, 235, 111756.	5.8	46
7	Carrot-based covalently bonded saccharides as a new 2D material for healing defective calcium-silicate-hydrate in cement: Integrating atomistic computational simulation with experimental studies. <i>Composites Part B: Engineering</i> , 2020, 199, 108235.	12.0	19
8	An effective microscale approach for determining the anisotropy of polymer composites reinforced with randomly distributed short fibers. <i>Composite Structures</i> , 2020, 240, 112087.	5.8	27
9	Novel engineered high performance sugar beetroot 2D nanoplatelet-cementitious composites. <i>Construction and Building Materials</i> , 2019, 202, 546-562.	7.2	7