

Run-Sheng Lin

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

443
citations

858243

12
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799663

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docs citations

26
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential application of MoS ₂ nanoflowers as photocatalysts in cement: Strength, hydration, and dye degradation properties. <i>Journal of Cleaner Production</i> , 2022, 330, 129947.	4.6	12
2	Performance of sustainable concrete made from waste oyster shell powder and blast furnace slag. <i>Journal of Building Engineering</i> , 2022, 47, 103918.	1.6	16
3	Preparation and Characterization of Nano-CaCO ₃ /Ceresine Wax Composite Shell Microcapsules Containing E-44 Epoxy Resin for Self-Healing of Cement-Based Materials. <i>Nanomaterials</i> , 2022, 12, 197.	1.9	5
4	Compressive Strength Estimation and CO ₂ Reduction Design of Fly Ash Composite Concrete. <i>Buildings</i> , 2022, 12, 139.	1.4	11
5	Energy Optimization Design of Limestone Hybrid Concrete in Consideration of Stress Levels and Carbonation Resistance. <i>Buildings</i> , 2022, 12, 342.	1.4	4
6	Effect of silicate-modified calcium oxide-based expansive agent on engineering properties and self-healing of ultra-high-strength concrete. <i>Journal of Building Engineering</i> , 2022, 50, 104230.	1.6	9
7	Hydration–Strength–Workability–Durability of Binary, Ternary, and Quaternary Composite Pastes. <i>Materials</i> , 2022, 15, 204.	1.3	9
8	Strengthening the performance of limestone-calcined clay cement (LC3) using nano silica. <i>Construction and Building Materials</i> , 2022, 340, 127723.	3.2	20
9	Effects of Na ₂ CO ₃ on engineering properties of cement–limestone powder–slag ternary blends. <i>Journal of Building Engineering</i> , 2022, 57, 104937.	1.6	7
10	Influence of K ⁺ and CO ₃ ²⁻ in activator on high-temperature performance of alkali-activated slag-ceramic powder binary blends. <i>Case Studies in Construction Materials</i> , 2022, 17, e01306.	0.8	2
11	Experimental studies on hydration–strength–durability of limestone-cement-calcined Hwangtoh clay ternary composite. <i>Construction and Building Materials</i> , 2021, 269, 121290.	3.2	46
12	Macro–meso–micro experimental studies of calcined clay limestone cement (LC3) paste subjected to elevated temperature. <i>Cement and Concrete Composites</i> , 2021, 116, 103871.	4.6	55
13	Preparation and Characterization of Microcrystalline Wax/Epoxy Resin Microcapsules for Self-Healing of Cementitious Materials. <i>Materials</i> , 2021, 14, 1725.	1.3	11
14	Influence of external environment on self-repairing ability of the cement-based materials containing paraffin/toluene-di-isocyanate microcapsules. <i>Construction and Building Materials</i> , 2021, 281, 122584.	3.2	15
15	Effect of Waste Ceramic Powder on Properties of Alkali-Activated Blast Furnace Slag Paste and Mortar. <i>Polymers</i> , 2021, 13, 2817.	2.0	14
16	Investigation of isophorone diisocyanate microcapsules to improve self-healing properties and sulfate resistance of concrete. <i>Construction and Building Materials</i> , 2021, 300, 124438.	3.2	19
17	Behavior of Biochar-Modified Cementitious Composites Exposed to High Temperatures. <i>Materials</i> , 2021, 14, 5414.	1.3	7
18	Effects of cement types and addition of quartz and limestone on the normal and carbonation curing of cement paste. <i>Construction and Building Materials</i> , 2021, 305, 124799.	3.2	41

#	ARTICLE	IF	CITATIONS
19	Performance and sustainability of quaternary composite paste comprising limestone, calcined Hwangtoh clay, and granulated blast furnace slag. <i>Journal of Building Engineering</i> , 2021, 43, 102655.	1.6	15
20	Effects of toluene-di-isocyanate microcapsules on the frost resistance and self-repairing capability of concrete under freeze-thaw cycles. <i>Journal of Building Engineering</i> , 2021, 44, 102880.	1.6	12
21	Experimental study on optimum proportioning of Portland cements, limestone, metakaolin, and fly ash for obtaining quaternary cementitious composites. <i>Case Studies in Construction Materials</i> , 2021, 15, e00691.	0.8	2
22	Effect of Waste Ceramic Powder on the Properties of Alkali-Activated Slag and Fly Ash Pastes Exposed to High Temperature. <i>Polymers</i> , 2021, 13, 3797.	2.0	12
23	Model-Based Methods to Produce Greener Metakaolin Composite Concrete. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10704.	1.3	5
24	Increasing the early strength of high-volume Hwangtoh-cement systems using bassanite. <i>Journal of Building Engineering</i> , 2020, 30, 101317.	1.6	14
25	Hydration and Microstructure of Cement Pastes with Calcined Hwangtoh Clay. <i>Materials</i> , 2019, 12, 458.	1.3	47
26	Effects of Quartz Powder on the Microstructure and Key Properties of Cement Paste. <i>Sustainability</i> , 2018, 10, 3369.	1.6	33