

Run-Sheng Lin

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

443
citations

759233

12
h-index

713466

21
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26
all docs

26
docs citations

26
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	10.7	55
2	Hydration and Microstructure of Cement Pastes with Calcined Hwangtoh Clay. <i>Materials</i> , 2019, 12, 458.	2.9	47
3	Experimental studies on hydration-“strength”-durability of limestone-cement-calcined Hwangtoh clay ternary composite. <i>Construction and Building Materials</i> , 2021, 269, 121290.	7.2	46
4	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.	7.2	41
5	Effects of Quartz Powder on the Microstructure and Key Properties of Cement Paste. <i>Sustainability</i> , 2018, 10, 3369.	3.2	33
6	Strengthening the performance of limestone-calcined clay cement (LC3) using nano silica. <i>Construction and Building Materials</i> , 2022, 340, 127723.	7.2	20
7	Investigation of isophorone diisocyanate microcapsules to improve self-healing properties and sulfate resistance of concrete. <i>Construction and Building Materials</i> , 2021, 300, 124438.	7.2	19
8	Performance of sustainable concrete made from waste oyster shell powder and blast furnace slag. <i>Journal of Building Engineering</i> , 2022, 47, 103918.	3.4	16
9	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.	7.2	15
10	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.	3.4	15
11	Increasing the early strength of high-volume Hwangtoh-“cement systems using bassanite. <i>Journal of Building Engineering</i> , 2020, 30, 101317.	3.4	14
12	Effect of Waste Ceramic Powder on Properties of Alkali-Activated Blast Furnace Slag Paste and Mortar. <i>Polymers</i> , 2021, 13, 2817.	4.5	14
13	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.	3.4	12
14	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.	4.5	12
15	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.	9.3	12
16	Preparation and Characterization of Microcrystalline Wax/Epoxy Resin Microcapsules for Self-Healing of Cementitious Materials. <i>Materials</i> , 2021, 14, 1725.	2.9	11
17	Compressive Strength Estimation and CO ₂ Reduction Design of Fly Ash Composite Concrete. <i>Buildings</i> , 2022, 12, 139.	3.1	11
18	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.	3.4	9

#	ARTICLE	IF	CITATIONS
19	Hydrationâ€“Strengthâ€“Workabilityâ€“Durability of Binary, Ternary, and Quaternary Composite Pastes. <i>Materials</i> , 2022, 15, 204.	2.9	9
20	Behavior of Biochar-Modified Cementitious Composites Exposed to High Temperatures. <i>Materials</i> , 2021, 14, 5414.	2.9	7
21	Effects of Na ₂ CO ₃ on engineering properties of cementâ€“limestone powderâ€“slag ternary blends. <i>Journal of Building Engineering</i> , 2022, 57, 104937.	3.4	7
22	Model-Based Methods to Produce Greener Metakaolin Composite Concrete. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10704.	2.5	5
23	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.	4.1	5
24	Energy Optimization Design of Limestone Hybrid Concrete in Consideration of Stress Levels and Carbonation Resistance. <i>Buildings</i> , 2022, 12, 342.	3.1	4
25	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.	1.7	2
26	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.	1.7	2