

Ying Su

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,373
citations

201674

27
h-index

206112

48
g-index

62
all docs

62
docs citations

62
times ranked

776
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step synthesis of nanoscale anhydrous calcium sulfate whiskers: direct conversion of calcium carbonate by mixed acid with microemulsion method. <i>Journal of Nanoparticle Research</i> , 2022, 24, 1.	1.9	6
2	One-pot synthesis of polydopamine/Ag microspheres through microemulsion environment and its methylene blue removal application. <i>Journal of Polymer Research</i> , 2022, 29, 1.	2.4	6
3	Effect of tricalcium aluminate and nano silica on performance of hemihydrate gypsum. <i>Construction and Building Materials</i> , 2022, 321, 126362.	7.2	8
4	Mechanical performance, hydration characteristics and microstructures of high volume blast furnace ferronickel slag cement mortar by wet grinding activation. <i>Construction and Building Materials</i> , 2022, 320, 126148.	7.2	16
5	Enhancement of compressive strength of high-volume fly ash cement paste by wet grinded cement: Towards low carbon cementitious materials. <i>Construction and Building Materials</i> , 2022, 323, 126458.	7.2	18
6	Nano C-S-H seeds prepared from ground granulated blast-furnace slag-carbide slag and its application in Portland cement. <i>Construction and Building Materials</i> , 2022, 329, 127204.	7.2	13
7	Sustainable clinker-free solid waste binder produced from wet-ground granulated blast-furnace slag, phosphogypsum and carbide slag. <i>Construction and Building Materials</i> , 2022, 330, 127218.	7.2	67
8	Light-weight carbon fiber/silver-coated hollow glass spheres/epoxy composites as highly effective electromagnetic interference shielding material. <i>Journal of Reinforced Plastics and Composites</i> , 2022, 41, 497-508.	3.1	3
9	Properties of β -HPG pastes in the presence of α -HPG prepared from phosphogypsum. <i>Construction and Building Materials</i> , 2022, 334, 127414.	7.2	3
10	Compressive strength and permeability of steam-cured mortar incorporating high volume fly ash with different activation degrees by wet milling. <i>Journal of Building Engineering</i> , 2022, 56, 104767.	3.4	0
11	Effect of steam curing on compressive strength and microstructure of high volume ultrafine fly ash cement mortar. <i>Construction and Building Materials</i> , 2021, 266, 120894.	7.2	77
12	Effect of wet grinded lithium slag on compressive strength and hydration of sulphoaluminate cement system. <i>Construction and Building Materials</i> , 2021, 267, 120465.	7.2	66
13	Nano particles prepared from hardened cement paste by wet grinding and its utilization as an accelerator in Portland cement. <i>Journal of Cleaner Production</i> , 2021, 283, 124632.	9.3	29
14	Polycarboxylate superplasticizer modified by phosphate ester in side chain and its basic properties in gypsum plaster. <i>Construction and Building Materials</i> , 2021, 271, 121566.	7.2	22
15	Laboratory Evaluation for Utilization of Phosphogypsum through Carbide Slag Highly-Effective Activating Anhydrous Phosphogypsum. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2021, 36, 392-399.	1.0	6
16	Improving durability of heat-cured high volume fly ash cement mortar by wet-grinding activation. <i>Construction and Building Materials</i> , 2021, 289, 123157.	7.2	33
17	Effect of wet-grinding steel slag on the properties of Portland cement: An activated method and rheology analysis. <i>Construction and Building Materials</i> , 2021, 286, 122823.	7.2	61
18	An accelerator prepared from waste concrete recycled powder and its effect on hydration of cement-based materials. <i>Construction and Building Materials</i> , 2021, 296, 123767.	7.2	51

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19	Preparation of eco-friendly lightweight gypsum: Use of beta-hemihydrate phosphogypsum and expanded polystyrene particles. <i>Construction and Building Materials</i> , 2021, 297, 123837.	7.2	27
20	A comparative study on concrete slurry waste: performance optimization from the wet-milling process. <i>Materials and Structures/Materiaux Et Constructions</i> , 2021, 54, 1.	3.1	7
21	Potential usage of porous autoclaved aerated concrete waste as eco-friendly internal curing agent for shrinkage compensation. <i>Journal of Cleaner Production</i> , 2021, 320, 128894.	9.3	15
22	Green reaction-type nucleation seed accelerator prepared from coal fly ash ground in water environment. <i>Construction and Building Materials</i> , 2021, 306, 124840.	7.2	14
23	Heat-cured cement-based composites with wet-grinded fly ash and carbide slag slurry: Hydration, compressive strength and carbonation. <i>Construction and Building Materials</i> , 2021, 307, 124916.	7.2	12
24	Preparation of nano cement particles by wet-grinding and its effect on hydration of cementitious system. <i>Construction and Building Materials</i> , 2021, 307, 125051.	7.2	9
25	Eco-friendly UHPC prepared from high volume wet-grinded ultrafine GGBS slurry. <i>Construction and Building Materials</i> , 2021, 308, 125057.	7.2	60
26	New treatment technology: The use of wet-milling concrete slurry waste to substitute cement. <i>Journal of Cleaner Production</i> , 2020, 242, 118347.	9.3	67
27	Shrinkage properties and microstructure of high volume ultrafine phosphorous slag blended cement mortars with superabsorbent polymer. <i>Journal of Building Engineering</i> , 2020, 29, 101121.	3.4	17
28	Preparation for micro-lithium slag via wet grinding and its application as accelerator in Portland cement. <i>Journal of Cleaner Production</i> , 2020, 250, 119528.	9.3	107
29	Feasibility of incorporating autoclaved aerated concrete waste for cement replacement in sustainable building materials. <i>Journal of Cleaner Production</i> , 2020, 250, 119455.	9.3	112
30	Utilization of hemihydrate phosphogypsum for the preparation of porous sound absorbing material. <i>Construction and Building Materials</i> , 2020, 234, 117346.	7.2	53
31	Wet-milling disposal of autoclaved aerated concrete demolition waste “A comparison with classical supplementary cementitious materials. <i>Advanced Powder Technology</i> , 2020, 31, 3736-3746.	4.1	20
32	Nano-carbide slag seed as a new type accelerator for Portland cement. <i>Materials Letters</i> , 2020, 278, 128464.	2.6	16
33	Nano-treatment of Autoclaved Aerated Concrete Waste and Its Usage in Cleaner Building Materials. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2020, 35, 786-793.	1.0	8
34	Low-Energy Consumption Preparation of Fine Waterproof Cementitious Material with High-Volume Phosphogypsum. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	9
35	Effects of wet-grinded superfine waste glass on the fresh properties and reaction characteristic of cement pastes. <i>Construction and Building Materials</i> , 2020, 247, 118593.	7.2	22
36	Preparation of ultrafine fly ash by wet grinding and its utilization for immobilizing chloride ions in cement paste. <i>Waste Management</i> , 2020, 113, 456-468.	7.4	21

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37	Microemulsion synthesis of anhydrous calcium sulfate nanowhiskers with calcium acetate solution and its surface structure stable and crystal phase evolution after modification. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	5
38	Fluid Permeability of Ground Steel Slag-Blended Composites Evaluated by Pore Structure. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-14.	1.8	0
39	Effect of calcium sulphoaluminate cement on mechanical strength and waterproof properties of beta-hemihydrate phosphogypsum. <i>Construction and Building Materials</i> , 2020, 242, 118198.	7.2	66
40	Micro-environment regulation synthesis of calcium sulfate nanoparticles and its water removal application. <i>Materials Research Express</i> , 2019, 6, 1050b8.	1.6	4
41	Eco-friendly treatment of low-calcium coal fly ash for high pozzolanic reactivity: A step towards waste utilization in sustainable building material. <i>Journal of Cleaner Production</i> , 2019, 238, 117962.	9.3	170
42	Segmented fractal pore structure covering nano- and micro-ranges in cementing composites produced with GGBS. <i>Construction and Building Materials</i> , 2019, 225, 1170-1182.	7.2	57
43	Compressive strength and hydration process of wet-grinded granulated blast-furnace slag activated by sodium sulfate and sodium carbonate. <i>Cement and Concrete Composites</i> , 2019, 97, 387-398.	10.7	125
44	Microemulsion Synthesis of Nanosized Calcium Sulfate Hemihydrate and Its Morphology Control by Different Surfactants. <i>ACS Omega</i> , 2019, 4, 9552-9556.	3.5	14
45	Preparation of β -hemihydrate gypsum from phosphogypsum in recycling CaCl_2 solution. <i>Construction and Building Materials</i> , 2019, 214, 399-412.	7.2	42
46	Compressive strength and hydration of high-volume wet-grinded coal fly ash cementitious materials. <i>Construction and Building Materials</i> , 2019, 206, 248-260.	7.2	62
47	Effect of organic alkali on compressive strength and hydration of wet-grinded granulated blast-furnace slag containing Portland cement. <i>Construction and Building Materials</i> , 2019, 206, 10-18.	7.2	21
48	Enhanced microwave absorption properties of nickel-coated carbon fiber/glass fiber hybrid epoxy composites-towards an industrial reality. <i>Materials Research Express</i> , 2019, 6, 126324.	1.6	9
49	Efficiency of wet-grinding on the mechano-chemical activation of granulated blast furnace slag (GBFS). <i>Construction and Building Materials</i> , 2019, 199, 185-193.	7.2	45
50	Pore structure of affected zone around saturated and large superabsorbent polymers in cement paste. <i>Cement and Concrete Composites</i> , 2019, 97, 54-67.	10.7	91
51	Shear Strength of Stabilized Clay Treated with Soda Residue and Ground Granulated Blast Furnace Slag. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	2.9	38
52	Self-hydration characteristics of ground granulated blast-furnace slag (GGBFS) by wet-grinding treatment. <i>Construction and Building Materials</i> , 2018, 167, 96-105.	7.2	59
53	Preparation and thermal insulation performance of cast-in-situ phosphogypsum wall. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2018, 16, 81-92.	1.6	5
54	Pore structure evaluation of cementing composites blended with coal by-products: Calcined coal gangue and coal fly ash. <i>Fuel Processing Technology</i> , 2018, 181, 75-90.	7.2	120

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55	The effect of ultrahigh volume ultrafine blast furnace slag on the properties of cement pastes. <i>Construction and Building Materials</i> , 2018, 189, 438-447.	7.2	37
56	Utilization of lithium slag by wet-grinding process to improve the early strength of sulphoaluminate cement paste. <i>Journal of Cleaner Production</i> , 2018, 205, 536-551.	9.3	182
57	Physico-chemical Characteristics of Wet-milled Ultrafine-granulated Phosphorus Slag as a Supplementary Cementitious Material. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 625-633.	1.0	34
58	Synthesis of β -hemihydrate gypsum from cleaner phosphogypsum. <i>Journal of Cleaner Production</i> , 2018, 195, 396-405.	9.3	89
59	Effect of silica fume on the thaumasite form of sulfate attack on cement-based materials. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2017, 32, 1108-1114.	1.0	6
60	Stress-Strain Relationship and Seismic Performance of Cast-in-Situ Phosphogypsum. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2017, 15, 62-68.	1.6	3
61	Use of different barium salts to inhibit the thaumasite form of sulfate attack in cement-based materials. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 361-366.	1.0	5
62	Influence of annealing on the structure of silica glass. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 902-906.	1.0	3