

Linnu Lu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

561
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of curing regimes on the mechanical properties, nano-mechanical properties and microstructure of ultra-high performance concrete. <i>Cement and Concrete Research</i> , 2019, 118, 1-13.	11.0	139
2	Experimental investigation on the autogenous shrinkage of steam cured ultra-high performance concrete. <i>Construction and Building Materials</i> , 2018, 162, 512-522.	7.2	78
3	Effect of calcium-silicon ratio on microstructure and nanostructure of calcium silicate hydrate synthesized by reaction of fumed silica and calcium oxide at room temperature. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014, 47, 311-322.	3.1	68
4	Efficiency of metakaolin in steam cured high strength concrete. <i>Construction and Building Materials</i> , 2017, 152, 357-366.	7.2	56
5	Effect of C/S ratio on morphology and structure of hydrothermally synthesized calcium silicate hydrate. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011, 26, 770-773.	1.0	48
6	TiO ₂ containing electromagnetic wave absorbing aggregate and its application in concrete. <i>Construction and Building Materials</i> , 2017, 134, 602-609.	7.2	43
7	The effect of activators on the dissolution characteristics and occurrence state of aluminum of alkali-activated metakaolin. <i>Construction and Building Materials</i> , 2020, 235, 117451.	7.2	24
8	Evolution of aluminate hydrate phases in fly ash-cement system under the sulfate conditions. <i>Construction and Building Materials</i> , 2020, 252, 119045.	7.2	18
9	Hydration products of cement-silica fume-quartz powder mixture under different curing regimes. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2017, 32, 598-602.	1.0	16
10	Ceramsite containing iron oxide and its use as functional aggregate in microwave absorbing cement-based materials. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 133-138.	1.0	13
11	Dehydration Characteristics of C-S-H with Ca/Si Ratio 1.0 Prepared Via Precipitation. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 619-624.	1.0	12
12	Effect of Calcium Silicate Hydrate Seeds on Hydration and Mechanical Properties of Cement. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2021, 36, 103-110.	1.0	11
13	Effect of polymer on morphology and structure of calcium silicate hydrate prepared via precipitation method. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014, 29, 504-506.	1.0	7
14	Comparison between Fly Ash and Slag Slurry in Various Alkaline Environments: Dissolution, Migration, and Coordination State of Aluminum. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12109-12119.	6.7	7
15	Effect of Calcium Carbonate Whisker on Impact Toughness of Precast Concrete. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2021, 36, 374-380.	1.0	5
16	Adsorption behavior of carbonic acid on calcium silicate surface from molecular simulations. <i>Journal of the American Ceramic Society</i> , 0, , .	3.8	5
17	Effect of water soluble PVA on the microstructure characteristics of C-S-H formed in Na ₂ SiO ₃ -Ca(NO ₃) ₂ solution system. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011, 26, 552-555.	1.0	3
18	Distribution of heavy metal elements in chromium (III), lead-doped cement pastes. <i>Advances in Cement Research</i> , 2019, 31, 270-278.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Effects of curing regimes on the chloride binding capacity of cementitious materials. Construction and Building Materials, 2022, 342, 127929.	7.2	3
20	Investigation of sulfate attack on aluminum phases in cement-metakaolin paste. Journal of Building Engineering, 2022, 56, 104720.	3.4	2
21	Porous haydite used as waste water filter medium for lake sludge. Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 544-547.	1.0	0