

Nanqiao You

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

596
citations

758635

12
h-index

610482

24
g-index

30
all docs

30
docs citations

30
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of steel slag and ferronickel slag on the properties of alkali-activated slag mortar. Construction and Building Materials, 2019, 227, 116614.	3.2	83
2	Properties of alkali-activated ground granulated blast furnace slag blended with ferronickel slag. Construction and Building Materials, 2018, 192, 123-132.	3.2	54
3	Hydration and soundness properties of phosphoric acid modified steel slag powder. Construction and Building Materials, 2020, 254, 119319.	3.2	49
4	Corrosion behaviour of low-carbon steel reinforcement in alkali-activated slag-steel slag and Portland cement-based mortars under simulated marine environment. Corrosion Science, 2020, 175, 108874.	3.0	46
5	Investigation into the Fatigue Damage Process of Rubberized Concrete and Plain Concrete by AE Analysis. Journal of Materials in Civil Engineering, 2011, 23, 953-960.	1.3	44
6	Rheology, shrinkage and pore structure of alkali-activated slag-fly ash mortar incorporating copper slag as fine aggregate. Construction and Building Materials, 2020, 242, 118029.	3.2	41
7	Products and properties of steam cured cement mortar containing lithium slag under partial immersion in sulfate solution. Construction and Building Materials, 2019, 220, 596-606.	3.2	37
8	Slip casting and pressureless sintering of Ti ₃ AlC ₂ . Journal of Advanced Ceramics, 2019, 8, 367-376.	8.9	36
9	Surface etching and early age hydration mechanisms of steel slag powder with formic acid. Construction and Building Materials, 2021, 280, 122500.	3.2	35
10	Preparation and arc erosion properties of Ag/Ti ₂ SnC composites under electric arc discharging. Journal of Advanced Ceramics, 2019, 8, 90-101.	8.9	29
11	Quantitative characterization and elastic properties of interfacial transition zone around coarse aggregate in concrete. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 838-844.	0.4	19
12	Preparation and properties of epoxy/basalt flakes anticorrosive coatings. Materials and Corrosion - Werkstoffe Und Korrosion, 2018, 69, 1669-1675.	0.8	14
13	Systematical investigation of rheological performance regarding 3D printing process for alkali-activated materials: Effect of precursor nature. Cement and Concrete Composites, 2022, 128, 104450.	4.6	13
14	Properties of dredged sludge solidified with alkali-activated slag-based materials and blended with copper slag as fine aggregates of mortars. Construction and Building Materials, 2021, 312, 125459.	3.2	12
15	Ultrasonic Monitoring of Crack Propagation of Notched Concretes Using Embedded Piezo-electric Transducers. Journal of Advanced Concrete Technology, 2019, 17, 449-461.	0.8	11
16	On Equilibrium Ga Intergranular Films in Cr ₂ GaC. Materials Research Letters, 2013, 1, 109-113.	4.1	10
17	The influence of N content on structure, phase stability, elastic and electronic properties in Ti ₃ AlC ₂ N (x_N). Physica Status Solidi (B): Basic Research, 2017, 254, 1700009.		10
18	Morphological and mineralogical insights into acetic acid modifying and hydraulic process on steel slag for enhanced reactivity. Construction and Building Materials, 2021, 307, 125004.	3.2	10

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19	Mechanism and mitigation of spontaneous Ga whisker growth on Cr ₂ GaC. Science China Technological Sciences, 2020, 63, 440-445.	2.0	9
20	Initiation of single-part epoxy in cementitious system-II. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 1043-1047.	0.4	6
21	Sulfate resistance and hydration products of steam cured steel slag blended cement mortar under dry-wet cycle. Journal of Sustainable Cement-Based Materials, 2019, 8, 353-366.	1.7	6
22	Organic additive implantation onto cement hydration products. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 527-533.	0.4	5
23	Wave amplitude of embedded ultrasonic transducer-based damage monitoring of concrete due to steel bar corrosion. Structural Health Monitoring, 2022, 21, 1694-1709.	4.3	4
24	Investigation of the leaching behavior of mortar pipe lining in drinking water. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 893-896.	0.4	3
25	Influence of particle size on the reactivity of chemical modified steel slag powder. Journal of Sustainable Cement-Based Materials, 2023, 12, 62-70.	1.7	3
26	Insights into the microstructure and mechanical properties evolution of hydration products in cementitious materials incorporating GGBFS. Journal of Sustainable Cement-Based Materials, 2023, 12, 403-414.	1.7	3
27	Mutual interaction relationship in polymer modified cementitious system. Journal Wuhan University of Technology, Materials Science Edition, 2015, 30, 122-128.	0.4	2
28	Preparation and Properties of Wall Coatings with Calcined Shell Powder as Fillers. Materials, 2019, 12, 2213.	1.3	1
29	Effect of Predrying Temperature on Carbonation of Alkali-Activated Slag Pastes. Journal of Materials in Civil Engineering, 2022, 34, .	1.3	1
30	Initiation of single-part epoxy in cementitious system. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 713-716.	0.4	0