

Jianping Zhu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Crossover from Linear Chains to a Honeycomb Network for the Nucleation of Hexagonal Boron Nitride Grown on the Ni(111) Surface. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26542-26551.	1.5	59
2	Experimental Investigation and Modeling of Sulfoaluminate Cement Preparation Using Desulfurization Gypsum and Red Mud. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 1261-1266.	1.8	54
3	Probing the exact form and doping preference of magnesium in ordinary Portland cement clinker phases: A study from experiments and DFT simulations. <i>Cement and Concrete Research</i> , 2021, 144, 106420.	4.6	51
4	Revealing the substitution preference of zinc in ordinary Portland cement clinker phases: A study from experiments and DFT calculations. <i>Journal of Hazardous Materials</i> , 2021, 409, 124504.	6.5	49
5	Revealing the doping mechanism of barium in sulfoaluminate cement clinker phases. <i>Journal of Cleaner Production</i> , 2021, 295, 126405.	4.6	47
6	Unveiling substitution preference of chromium ions in sulfoaluminate cement clinker phases. <i>Composites Part B: Engineering</i> , 2021, 222, 109092.	5.9	40
7	Reinforcement of Recycled Aggregate by Microbial-Induced Mineralization and Deposition of Calcium Carbonate—Influencing Factors, Mechanism and Effect of Reinforcement. <i>Crystals</i> , 2021, 11, 887.	1.0	26
8	Insights on Substitution Preference of Pb Ions in Sulfoaluminate Cement Clinker Phases. <i>Materials</i> , 2021, 14, 44.	1.3	10
9	Unraveling the doping preference of zinc ions in sulfoaluminate cement clinker minerals: A study combining experiments and DFT calculations. <i>Composites Part B: Engineering</i> , 2022, 242, 110072.	5.9	10
10	Effect of MXene (Nano-Ti ₃ C ₂) on Early-Age Hydration of Cement Paste. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	1.5	7
11	Effect of nano-SnO ₂ on early-age hydration of Portland cement paste. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401985194.	0.8	7
12	Effect of Delaminated MXene (Ti ₃ C ₂) on the Performance of Cement Paste. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-8.	1.5	6
13	Investigation of Low-Calcium Circulating Fluidized Bed Fly Ash on the Mechanical Strength and Microstructure of Cement-Based Material. <i>Crystals</i> , 2022, 12, 400.	1.0	6
14	Research progress on the performance of circulating fluidized bed combustion ash and its utilization in China. <i>Journal of Building Engineering</i> , 2022, 52, 104350.	1.6	6
15	Effect of Nano-Si ₃ N ₄ on the Mechanical Properties of Cement-Based Materials. <i>Crystals</i> , 2021, 11, 1556.	1.0	4
16	Preparation and Property Modification on Novel Energy Storage Material: n-Octadecane PCMs/Expanded Perlite Composite Gypsum Board. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-7.	0.4	1