

Jianping Zhu

List of Publications by Year in descending order

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16
papers

383
citations

1162367

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940134

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all docs

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docs citations

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times ranked

319
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 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 | 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 |
| 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 | Unveiling substitution preference of chromium ions in sulphoaluminate cement clinker phases. <i>Composites Part B: Engineering</i> , 2021, 222, 109092. | 5.9 | 40 |
| 9 | Insights on Substitution Preference of Pb Ions in Sulfoaluminate Cement Clinker Phases. <i>Materials</i> , 2021, 14, 44. | 1.3 | 10 |
| 10 | 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 |
| 11 | Effect of Nano-Si ₃ N ₄ on the Mechanical Properties of Cement-Based Materials. <i>Crystals</i> , 2021, 11, 1556. | 1.0 | 4 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |