# Yuki Kezuka

List of Publications by Year
in descending order



| 13 | 108 | 1478505 6 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 13 | 13 | 13 | 134 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fabrication of Single-Crystalline Calcite Needle-Like Particles Using the Aragoniteâ€“Calcite Phase Transition. Minerals (Basel, Switzerland), 2017, 7, 133. | 2.0 | 22 |
| 2 | Direct Observation of Impurity Segregation at Dislocation Cores in an Ionic Crystal. Nano Letters, 2017, 17, 2908-2912. | 9.1 | 19 |
| 3 | Calcium carbonate chain-like nanoparticles: Synthesis, structural characterization, and dewaterability. Powder Technology, 2018, 335, 195-203. | 4.2 | 15 |
| 4 | Core structure and dissociation energetics of basal edge dislocation in Î±-Al2O3: A combined atomistic simulation and transmission electron microscopy analysis. Acta Materialia, 2014, 65, 76-84. | 7.9 | 14 |
| 5 | Acceleration of dispersing calcium carbonate particle in aqueous media using jet milling method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 520, 570-579. | 4.7 | 12 |
| 6 | Evolution of Calcite Nanocrystals through Oriented Attachment and Fragmentation: Multistep Pathway Involving Bottom-Up and Break-Down Stages. ACS Omega, 2017, 2, 8997-9001. | 3.5 | 12 |
| 7 | Template-free fabrication of single-crystalline calcite nanorings during crystal growth in water. CrystEngComm, 2020, 22, 9-13. | 2.6 | 5 |
| 8 | Synthesis of Tunable-Aspect-Ratio Calcite Nanoparticles via Mg2+ Doping. Crystal Growth and Design, 2019, 19, 6784-6791. | 3.0 | 4 |
| 9 | Fabrication of calcite-core/Mg-calcite-shell nanorods for better thermal stability. Advanced Powder Technology, 2021, 32, 2577-2584. | 4.1 | 3 |
| 10 | TEM analysis of dislocation structures formed in the Cr-doped grain boundary of alumina. Journal of the Ceramic Society of Japan, 2011, 119, 817-821. | 1.1 | 1 |
| 11 | Formation of a Cr3+-rich luminescent thin phase along a grain boundary of .ALPHA.-Al2O3. Journal of the Ceramic Society of Japan, 2011, 119, 620-622. | 1.1 | 1 |
| 12 | Fracture Strength Evaluation of Agglomerates of Fatty Acid-Coated CaCO3 Nanoparticles by Nano-Indentation. ChemEngineering, 2019, 3, 73. | 2.4 | 0 |
| 13 | Effects of trace Si impurities in water on the growth of calcite nanoparticles. CrystEngComm, 0, , . | 2.6 | 0 |