

# Yuki Kezuka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5947352/publications.pdf>

Version: 2024-02-01

13  
papers

108  
citations

1478505

6  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

134  
citing authors

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