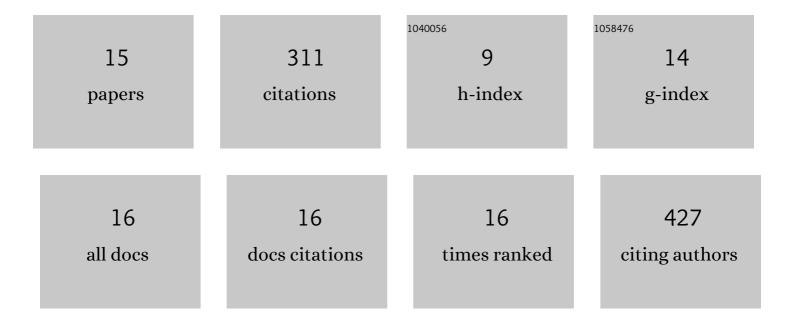
## Lili Liu

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6986665/publications.pdf Version: 2024-02-01



- Initia

#	Article	IF	CITATIONS
1	Frustrated Coulombic and Cation Size Effects on Nanoscale Boehmite Aggregation: A Tumbler Small- and Ultra-Small-Angle Neutron Scattering Study. Journal of Physical Chemistry C, 2022, 126, 4391-4414.	3.1	4
2	Particle-based hematite crystallization is invariant to initial particle morphology. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2112679119.	7.1	9
3	Radiolysis and Radiation-Driven Dynamics of Boehmite Dissolution Observed by In Situ Liquid-Phase TEM. Environmental Science & Technology, 2022, 56, 5029-5036.	10.0	8
4	Formation and growth of cerium (III) oxalate nanocrystals by liquid-cell transmission electron microscopy. Scripta Materialia, 2022, 219, 114856.	5.2	5
5	Crystallization and Phase Transformations of Aluminum (Oxy)hydroxide Polymorphs in Caustic Aqueous Solution. Inorganic Chemistry, 2021, 60, 9820-9832.	4.0	15
6	Phase Transformation Mechanism of Amorphous Calcium Phosphate to Hydroxyapatite Investigated by Liquid-Cell Transmission Electron Microscopy. Crystal Growth and Design, 2021, 21, 5126-5134.	3.0	29
7	Role of the Solvent–Surfactant Duality of Ionic Liquids in Directing Two-Dimensional Particle Assembly. Journal of Physical Chemistry C, 2020, 124, 24215-24222.	3.1	8
8	Molecular Intermediate in the Directed Formation of a Zeolitic Metal–Organic Framework. Journal of the American Chemical Society, 2020, 142, 17598-17606.	13.7	13
9	Postsynthetic Oxidation of the Coordination Site in a Heterometallic Metal–Organic Framework: Tuning Catalytic Behaviors. Chemistry of Materials, 2020, 32, 5192-5199.	6.7	20
10	Connecting energetics to dynamics in particle growth by oriented attachment using real-time observations. Nature Communications, 2020, 11, 1045.	12.8	74
11	Kinetics and Mechanisms of ZnO to ZIFâ€8 Transformations in Supercritical CO 2 Revealed by Inâ€Situ Xâ€ray Diffraction. ChemSusChem, 2020, 13, 2602-2612.	6.8	11
12	Revisiting the Growth Mechanism of Hierarchical Semiconductor Nanostructures: The Role of Secondary Nucleation in Branch Formation. Journal of Physical Chemistry Letters, 2019, 10, 6827-6834.	4.6	20
13	<i>In Situ</i> TEM and AFM Investigation of Morphological Controls during the Growth of Single Crystal BaWO <sub>4</sub> . Crystal Growth and Design, 2018, 18, 1367-1375.	3.0	20
14	Controlled synthesis of highly-branched plasmonic gold nanoparticles through peptoid engineering. Nature Communications, 2018, 9, 2327.	12.8	74
15	Particle-Based Crystallization. ACS Symposium Series, 0, , 37-73.	0.5	1