Mihiro Takasaki

List of Publications by Year
in descending order

20	145	1163117 8	1281871 11
papers	citations	h-index	g-index

21	21	21	171
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guanine crystals regulated by chitin-based honeycomb frameworks for tunable structural colors of sapphirinid copepod, Sapphirina nigromaculata. Scientific Reports, 2020, 10, 2266.	3.3	16
2	1D oriented attachment of calcite nanocrystals: formation of single-crystalline rods through collision. RSC Advances, 2016, 6, 61346-61350.	3.6	14
3	Layer-by-Layer Manipulation of Heterogeneous Rectangular Nanoblocks: Brick Work for Multilayered Structures with Specific Heterojunction. Inorganic Chemistry, 2018, 57, 11655-11661.	4.0	14
4	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
5	Evolution of Co₃O₄ Nanocubes through Stepwise Oriented Attachment. Langmuir, 2019, 35, 8025-8030.	3.5	12
6	Nanoscale Mosaic Works: Tetragonal Lattices of Iso-Oriented Heterogeneous Nanocubes. Langmuir, 2018, 34, 4031-4035.	3.5	9
7	Enhancement of coercivity of self-assembled stacking of ferrimagnetic and antiferromagnetic nanocubes. Nanoscale, 2020, 12, 7792-7796.	5.6	9
8	Biomimetic Morphology-Controlled Anhydrous Guanine via an Amorphous Intermediate. Crystal Growth and Design, 2020, 20, 3341-3346.	3.0	9
9	Switchable oriented attachment and detachment of calcite nanocrystals. CrystEngComm, 2016, 18, 8999-9002.	2.6	8
10	Enhanced oxide-ion conductivity of solid-state electrolyte mesocrystals. Nanoscale, 2019, 11, 4523-4530.	5.6	7
11	Evaporation-driven manipulation of nanoscale brickwork structures for the design of 1D, 2D, and 3D microarrays of rectangular building blocks. CrystEngComm, 2019, 21, 6905-6914.	2.6	6
12	Oriented Attachment of Calcite Nanocrystals: Formation of Single-Crystalline Configurations as 3D Bundles via Lateral Stacking of 1D Chains. Langmuir, 2017, 33, 1516-1520.	3.5	6
13	Strained calcite crystals from amorphous calcium carbonate containing an organic molecule. CrystEngComm, 2020, 22, 7054-7058.	2.6	5
14	Thermally induced fragmentation of nanoscale calcite. RSC Advances, 2020, 10, 6088-6091.	3.6	5
15	Biomimetic macroscopic mesocrystalline films produced by oriented assembly of nanorods under magnetic field. Nanoscale, 2018, 10, 22161-22165.	5.6	3
16	Bending Fibers of Hydroxyapatite for Ordered Parallel Architecture in Bovine Tooth Enamel. ACS Omega, 2019, 4, 3739-3744.	3.5	3
17	Highly Dispersive Mono-sized Nanoparticles of Y₂O₃-stabilized ZrO₂. Chemistry Letters, 2019, 48, 390-393.	1.3	2
18	Morphological evolution of carbonated hydroxyapatite to faceted nanorods through intermediate states. CrystEngComm, 2021, 23, 2968-2972.	2.6	2

#	Article	IF	Citations
19	Self-Assembly of 2D Nematic and Random Arrays of Sterically Stabilized Nanoscale Rods with and without Evaporation. Langmuir, 2021, 37, 6533-6539.	3.5	2
20	Characterization of calcite spines of planktonic foraminifers (Globigerinidae). CrystEngComm, 2022, 24, 2446-2450.	2.6	1