

Hiroki Itasaka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Coexistence of Flexo- and Ferro-Electric Effects in an Ordered Assembly of BaTiO ₃ Nanocubes. <i>Nanomaterials</i> , 2022, 12, 188.	4.1	4
2	Glass fiber (GF)/polypropylene (PP) composite studied by Raman disrelation mapping. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 273, 121056.	3.9	2
3	Hydrothermal synthesis of perovskite-type solid electrolyte nanoplate. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 104, 599-605.	2.4	1
4	Effect of heat treatment on internal stress in barium titanate nanocube assemblies and their dielectric property. <i>AIP Advances</i> , 2021, 11, .	1.3	4
5	Single-particle Observation of Detonation Nanodiamonds by Tip-enhanced Raman Spectroscopy. <i>Chemistry Letters</i> , 2021, 50, 1188-1190.	1.3	1
6	One-step synthesis of BaTiO ₃ /CaTiO ₃ core-shell nanocubes by hydrothermal reaction. <i>Journal of Asian Ceramic Societies</i> , 2021, 9, 359-365.	2.3	5
7	Dynamic dielectric-response model of flexoelectric polarization from kHz to MHz range in an ordered assembly of BaTiO ₃ nanocubes. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 495301.	1.8	9
8	Hydrothermal synthesis of A-site substituted BaTiO ₃ nanocubes. <i>Journal of the Ceramic Society of Japan</i> , 2020, 128, 475-480.	1.1	3
9	Extra Surfactant-Assisted Self-Assembly of Highly Ordered Monolayers of BaTiO ₃ Nanocubes at the Air-Water Interface. <i>Nanomaterials</i> , 2018, 8, 739.	4.1	14
10	Nanoscale Raman Imaging with Nanogold-Topped AFM Probes Fabricated by Area-Selective Electroless Deposition. <i>Journal of the Electrochemical Society</i> , 2018, 165, D711-D715.	2.9	0
11	Role of partial molar enthalpy of oxides on Soret effect in high-temperature CaO-SiO ₂ melts. <i>Scientific Reports</i> , 2018, 8, 15489.	3.3	13
12	Characterization of BaTiO ₃ nanocubes assembled into highly ordered monolayers using micro- and nano-Raman spectroscopy. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	9
13	Molecular dynamics simulation of the Soret effect in a CaSiO ₃ glass melt. <i>Journal of the Ceramic Society of Japan</i> , 2017, 125, 180-184.	1.1	8
14	Silver Growth on AFM Tip Apexes from Silver Nitrate Solutions Triggered by Focused-Ion-Beam Irradiation. <i>MRS Advances</i> , 2016, 1, 1865-1869.	0.9	4
15	Growth of Nanogold at Interfaces between Locally Induced Naked Silicon Surfaces and Pure H ₂ AuCl ₄ Solutions. <i>Journal of the Electrochemical Society</i> , 2016, 163, D743-D746.	2.9	7
16	Area-Selective Electroless Deposition of Gold Nanostructures on SiC Using Focused-Ion-Beam Preprocessing. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1748, 14.	0.1	3
17	Role of solvent in direct growth of gold nanostructures at the interface between focused ion beam-amorphized silicon and Au-ion-containing solution. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 06JF06.	1.5	5
18	Selective growth of gold nanostructures on locally amorphized silicon. <i>Journal of the Ceramic Society of Japan</i> , 2014, 122, 543-546.	1.1	6