

# Kazuhiro Yamamoto

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

215  
citations

1163117

8  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous low-temperature sintering of a solid electrolyte thin film of tailor-made nanocrystals on a porous cathode support for low-temperature solid oxide fuel cells. <i>Ceramics International</i> , 2021, 47, 15939-15946.	4.8	4
2	Cobalt Alloying Effect on Improvement of Ni/YSZ Anode-Supported Solid Oxide Fuel Cell Operating with Dry Methane. <i>Materials Transactions</i> , 2021, 62, 1541-1548.	1.2	7
3	Improved Electrochemical Properties of an Ni-Based YSZ Cermet Anode for the Direct Supply of Methane by Co Alloying with an Impregnation Method. <i>Ceramics</i> , 2020, 3, 114-126.	2.6	4
4	Compositional and structural dependence of up-converting rare earth fluorides obtained through EDTA assisted hydro/solvothermal synthesis. <i>Advanced Powder Technology</i> , 2017, 28, 73-82.	4.1	17
5	Synthesis of Tailor-Made Ceramic Nanocrystals by Organic Ligand-Assisted Hydrothermal Method. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2017, 64, 109-115.	0.2	0
6	Photoelectrochemical Property Differences between NiO Dots and Layer on n-Type GaN for Water Splitting. <i>Journal of the Electrochemical Society</i> , 2016, 163, H1091-H1095.	2.9	7
7	PEG and PVP assisted solvothermal synthesis of NaYF <sub>4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> up-conversion nanoparticles. <i>Advanced Powder Technology</i> , 2016, 27, 845-853.	4.1	17
8	In situ fabrication of high-performance Ni-GDC-nanocube core-shell anode for low-temperature solid-oxide fuel cells. <i>Scientific Reports</i> , 2015, 5, 17433.	3.3	14
9	Organic-Ligand-Assisted Hydrothermal Synthesis of Tailor-Made Ceramic Nanocrystals. <i>Journal of Smart Processing</i> , 2014, 3, 341-345.	0.1	0
10	Induced hydroelectric energy generated by compressing a single-walled carbon nanotube hydrogel. <i>Applied Physics Letters</i> , 2014, 105, 033906.	3.3	1
11	High-performance Ni nanocomposite anode fabricated from Gd-doped ceria nanocubes for low-temperature solid-oxide fuel cells. <i>Nano Energy</i> , 2014, 6, 103-108.	16.0	44
12	Sucrose-induced structural changes in LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> . <i>RSC Advances</i> , 2014, 4, 27850.	3.6	4
13	Quenching ilmenite with a high-temperature and high-pressure phase using super-high-energy ball milling. <i>Scientific Reports</i> , 2014, 4, 4700.	3.3	6
14	Particle size for photocatalytic activity of anatase TiO <sub>2</sub> nanosheets with highly exposed {001} facets. <i>RSC Advances</i> , 2013, 3, 19268.	3.6	29
15	Polyoxovanadate Surfactant Hybrid Layered Crystal Containing One-Dimensional Hydrogen-Bonded Cluster Chain. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 1222-1224.	3.2	17
16	Low Temperature Synthesis of Titanium Complex Oxides by a New Synthetic Route of Water-soluble Titanium Complex from Titanium Chloride and Titanium Sulfate as Starting Materials. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2011, 58, 584-590.	0.2	0
17	Synthesis of titanium-based ceramics by a new synthetic route of water-soluble titanium complexes. <i>Journal of the Ceramic Society of Japan</i> , 2011, 119, 494-497.	1.1	3
18	Synthesis of TiO <sub>2</sub> (B) using glycolato titanium complex and post-synthetic hydrothermal crystal growth of TiO <sub>2</sub> (B). <i>Journal of Crystal Growth</i> , 2009, 311, 619-622.	1.5	23

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19	Photocatalytic activity of nanocrystalline TiO <sub>2</sub> (B) synthesized from titanium glycolate complex by hydrothermal method. Journal of the Ceramic Society of Japan, 2009, 117, 347-350.	1.1	17
20	Photocatalytic Patterning using Nano-Colloidal Anatase in Aqueous Solution Process. Transactions of the Materials Research Society of Japan, 2009, 34, 279-281.	0.2	1