Toshihiro Ando

List of Publications by Year
in descending order

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29	458	759233 12	713466 21
papers	citations	h-index	g-index

30	30	30	432
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study of Growing Ni Nanoparticles Loaded on Layered Inorganic-Imidazoline Covalently Bonded Hybrids Under a Transmission Electron Microscope. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1195-1207.	3.7	0
2	Electrochemical performance of marimocarbon/lithium titanate composites synthesized by hydrothermal method for lithium-ion batteries. Journal of Materials Science, 2021, 56, 16602-16611.	3.7	2
3	Platinum nanocluster catalysts supported on Marimo carbon via scalable dry deposition synthesis. RSC Advances, 2021, 11, 39216-39222.	3.6	6
4	Synthesis and Optical Properties of Layered Inorganic-Imidazoline Monoliths. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 745-757.	3.7	5
5	Development of Direct Methanol Fuel Cell Catalyst Using Marimo Nano Carbon. Catalysis Letters, 2019, 149, 1-6.	2.6	18
6	Novel solid-state luminous composites from a layered inorganicâ€“organic monolith containing neutral porphyrins. Journal of Materials Science, 2017, 52, 12156-12169.	3.7	4
7	Durable Marimo-like carbon support for Platinum nanoparticle catalyst in polymer electrolyte fuel cell. Electrochimica Acta, 2016, 213, 447-451.	5.2	8
8	Structural changes of layered alkylsiloxanes during the reversible meltingâ€“solidification process. Physical Chemistry Chemical Physics, 2016, 18, 19146-19157.	2.8	8
9	Preparation of TiO₂/Marimo carbon composite. Transactions of the Materials Research Society of Japan, 2013, 38, 573-577.	0.2	1
10	Influence of Ionomer/Carbon Ratio on the Performance of a Polymer Electrolyte Fuel Cell. Polymers, 2012, 4, 1645-1656.	4.5	34
11	Characterization of Multi-Walled Carbon Nanotube-Supported Pt Catalyst Prepared by Metal Nanocolloidal Solution for a Polymer Electrolyte Fuel Cell Catalyst. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2011, 62, 179-183.	0.2	8
12	Preparation of catalyst for a polymer electrolyte fuel cell using a novel spherical carbon support. Journal of Power Sources, 2010, 195, 5862-5867.	7.8	22
13	Field emission characteristics of carbon nanomaterials synthesized in methanol. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2010, 28, C2B47-C2B50.	1.2	1
14	A novel spherical carbon. Journal of Materials Science, 2009, 44, 221-226.	3.7	26
15	Preparation of Integrated Coumarin/Cyanine Systems within an Interlayer of Phyllosilicate and Fluorescence Resonance Energy Transfer. Chemistry of Materials, 2009, 21, 1179-1181.	6.7	30
16	Liquid Phase Deposition of Amorphous Carbon and Carbon Nitride Films. E-Journal of Surface Science and Nanotechnology, 2009, 7, 102-106.	0.4	1
17	Field emission current uniformity and stability of the well-aligned carbon nanotubes synthesized in methanol. , 2007, , .		0
18	Hydrogen production from methane for fuel cell using oxidized diamond-supported catalysts. International Journal of Hydrogen Energy, 2005, 30, 201-207.	7.1	27

#	Article	IF	Citations
19	Surface Work Function Change by Oxidation of Hydrogen-Terminated Chemical Vapor Deposited Diamond. Hyomen Kagaku, 2005, 26, 547-552.	0.0	0
20	Nano-Fabrication of Nano-Crystalline Diamond Films Grown by Microwave Plasma-Assisted Chemical Vapor Deposition. Hyomen Kagaku, 2005, 26, 542-546.	0.0	0
21	EFFECTS OF MAGNETIC FIELDS ON FEEBLE MAGNETIC MATERIALS. , 2005, , .		2
22	Dehydrogenation of light alkanes over oxidized diamond-supported catalysts in the presence of carbon dioxide. Catalysis Today, 2003, 84, 149-157.	4.4	68
23	Synthesis Gas Production from Methane Using Oxidized-Diamond-Supported Group VIII Metal Catalysts. Energy & Fuels, 2003, 17, 971-976.	5.1	22
24	Oxidized Diamond as a Simultaneous Production Medium of Carbon Nanomaterials and Hydrogen for Fuel Cell. Chemistry of Materials, 2003, 15, 4571-4575.	6.7	37
25	Direct Formation of Acetaldehyde from Ethane Using Carbon Dioxide as a Novel Oxidant over Oxidized Diamond-Supported Catalysts. Journal of Physical Chemistry B, 2003, 107, 13419-13424.	2.6	25
26	The Role of Chemisorbed Oxygen on Diamond Surfaces for the Dehydrogenation of Ethane in the Presence of Carbon Dioxide. Journal of Physical Chemistry B, 2003, 107, 4048-4056.	2.6	66
27	Novel Selective Oxidation of Light Alkanes Using Carbon Dioxide. Oxidized Diamond as a Novel Catalytic Medium. Chemistry Letters, 2003, 32, 866-867.	1.3	12
28	Title is missing!. Catalysis Letters, 2002, 80, 161-164.	2.6	24
29	Effects of Hydrogen Sulfide on the Plasma-assisted Chemical Vapor Deposition of Carbon Nanotubes.. Hyomen Kagaku, 2002, 23, 720-725.	0.0	1