

# Toshihiro Ando

## List of Publications by Year in descending order

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29  
papers

458  
citations

759233

12  
h-index

713466

21  
g-index

30  
all docs

30  
docs citations

30  
times ranked

432  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dehydrogenation of light alkanes over oxidized diamond-supported catalysts in the presence of carbon dioxide. <i>Catalysis Today</i> , 2003, 84, 149-157.	4.4	68
2	The Role of Chemisorbed Oxygen on Diamond Surfaces for the Dehydrogenation of Ethane in the Presence of Carbon Dioxide. <i>Journal of Physical Chemistry B</i> , 2003, 107, 4048-4056.	2.6	66
3	Oxidized Diamond as a Simultaneous Production Medium of Carbon Nanomaterials and Hydrogen for Fuel Cell. <i>Chemistry of Materials</i> , 2003, 15, 4571-4575.	6.7	37
4	Influence of Ionomer/Carbon Ratio on the Performance of a Polymer Electrolyte Fuel Cell. <i>Polymers</i> , 2012, 4, 1645-1656.	4.5	34
5	Preparation of Integrated Coumarin/Cyanine Systems within an Interlayer of Phyllosilicate and Fluorescence Resonance Energy Transfer. <i>Chemistry of Materials</i> , 2009, 21, 1179-1181.	6.7	30
6	Hydrogen production from methane for fuel cell using oxidized diamond-supported catalysts. <i>International Journal of Hydrogen Energy</i> , 2005, 30, 201-207.	7.1	27
7	A novel spherical carbon. <i>Journal of Materials Science</i> , 2009, 44, 221-226.	3.7	26
8	Direct Formation of Acetaldehyde from Ethane Using Carbon Dioxide as a Novel Oxidant over Oxidized Diamond-Supported Catalysts. <i>Journal of Physical Chemistry B</i> , 2003, 107, 13419-13424.	2.6	25
9	Title is missing!. <i>Catalysis Letters</i> , 2002, 80, 161-164.	2.6	24
10	Synthesis Gas Production from Methane Using Oxidized-Diamond-Supported Group VIII Metal Catalysts. <i>Energy &amp; Fuels</i> , 2003, 17, 971-976.	5.1	22
11	Preparation of catalyst for a polymer electrolyte fuel cell using a novel spherical carbon support. <i>Journal of Power Sources</i> , 2010, 195, 5862-5867.	7.8	22
12	Development of Direct Methanol Fuel Cell Catalyst Using Marimo Nano Carbon. <i>Catalysis Letters</i> , 2019, 149, 1-6.	2.6	18
13	Novel Selective Oxidation of Light Alkanes Using Carbon Dioxide. Oxidized Diamond as a Novel Catalytic Medium. <i>Chemistry Letters</i> , 2003, 32, 866-867.	1.3	12
14	Characterization of Multi-Walled Carbon Nanotube-Supported Pt Catalyst Prepared by Metal Nanocolloidal Solution for a Polymer Electrolyte Fuel Cell Catalyst. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2011, 62, 179-183.	0.2	8
15	Durable Marimo-like carbon support for Platinum nanoparticle catalyst in polymer electrolyte fuel cell. <i>Electrochimica Acta</i> , 2016, 213, 447-451.	5.2	8
16	Structural changes of layered alkylsiloxanes during the reversible melting/solidification process. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19146-19157.	2.8	8
17	Platinum nanocluster catalysts supported on Marimo carbon via scalable dry deposition synthesis. <i>RSC Advances</i> , 2021, 11, 39216-39222.	3.6	6
18	Synthesis and Optical Properties of Layered Inorganic-Imidazoline Monoliths. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 745-757.	3.7	5

#	ARTICLE	IF	CITATIONS
19	Novel solid-state luminous composites from a layered inorganic-organic monolith containing neutral porphyrins. Journal of Materials Science, 2017, 52, 12156-12169.	3.7	4
20	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
21	EFFECTS OF MAGNETIC FIELDS ON FEEBLE MAGNETIC MATERIALS. , 2005, , .		2
22	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
23	Liquid Phase Deposition of Amorphous Carbon and Carbon Nitride Films. E-Journal of Surface Science and Nanotechnology, 2009, 7, 102-106.	0.4	1
24	Preparation of TiO <sub>2</sub> /Marimo carbon composite. Transactions of the Materials Research Society of Japan, 2013, 38, 573-577.	0.2	1
25	Effects of Hydrogen Sulfide on the Plasma-assisted Chemical Vapor Deposition of Carbon Nanotubes.. Hyomen Kagaku, 2002, 23, 720-725.	0.0	1
26	Surface Work Function Change by Oxidation of Hydrogen-Terminated Chemical Vapor Deposited Diamond. Hyomen Kagaku, 2005, 26, 547-552.	0.0	0
27	Field emission current uniformity and stability of the well-aligned carbon nanotubes synthesized in methanol. , 2007, , .		0
28	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
29	Nano-Fabrication of Nano-Crystalline Diamond Films Grown by Microwave Plasma-Assisted Chemical Vapor Deposition. Hyomen Kagaku, 2005, 26, 542-546.	0.0	0