Hiroyuki Yamaura

List of Publications by Year
in descending order

31 papers	893 citations	687363 13 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	1103 citing authors

#	Article	IF	Citations
1	PM oxidation over Ag-loaded perovskite-type oxide catalyst prepared by thermal decomposition of heteronuclear cyano-complex precursor. Catalysis Today, 2019, 332, 83-88.	4.4	3
2	Self-propagating high-temperature synthesis of highly dispersed noble metals on ceria powder: Application to Pd/CeO2 catalyst. Ceramics International, 2017, 43, 14533-14536.	4.8	10
3	Cyanosilylation of Benzaldehyde with Trimethylsilyl cyanide over Zn-Sn Mixed Oxide Catalysts with Cubic-shaped Particles. Chemistry Letters, 2016, 45, 851-853.	1.3	3
4	Cyanosilylation of benzaldehyde with TMSCN over perovskite-type oxide catalyst prepared by thermal decomposition of heteronuclear cyano complex precursors. Research on Chemical Intermediates, 2015, 41, 9551-9560.	2.7	13
5	Influence of coexisting Al2O3 on the activity of copper catalyst for waterâ€“gas-shift reaction. International Journal of Hydrogen Energy, 2014, 39, 20639-20645.	7.1	9
6	Effect of pretreatment on carbon oxidation activity over copper ion-exchanged zeolite catalysts. Research on Chemical Intermediates, 2011, 37, 1157-1164.	2.7	1
7	Influence of microstructure of perovskite-type oxide cathodes on electrochemical performances of proton-conducting solid oxide fuel cells operated at low temperature. Journal of Power Sources, 2011, 196, 1136-1140.	7.8	15
8	CuO/SnO2â€“In2O3 sensor for monitoring CO concentration in a reducing atmosphere. Sensors and Actuators B: Chemical, 2011, 153, 465-467.	7.8	33
9	Phase separation in the system with sodium silicate and sodium dodecyl sulfate under acidic conditions. Journal of the Ceramic Society of Japan, 2010, 118, 295-299.	1.1	1
10	Carbon Oxidation Reaction over Pt/Spherical Alumina Beads Catalysts Prepared by Sputtering Method. Topics in Catalysis, 2010, 53, 648-653.	2.8	4
11	Photocatalytic activities for partial oxidation of Î±-methylstyrene over zeolite-supported titanium dioxide and the influence of water addition to reaction solvent. Electrochimica Acta, 2010, 55, 7745-7750.	5.2	13
12	CO Sensing Property of Transition Metal Oxide-Loaded SnO2 in a Reducing Atmosphere. Materials and Manufacturing Processes, 2010, 25, 350-353.	4.7	6
13	Improvement of the carbon oxidation activity of Cu-MFI by high-temperature pretreatment. Catalysis Communications, 2010, 11, 820-823.	3.3	3
14	Catalytic Activity of Multi-metallic Perovskite-Type Oxide Prepared by the Thermal Decomposition of Heteronuclear Cyano Complex, Sm[Fe x Co1â^'x (CN)6]ÂÂ·ÂnH2O. Topics in Catalysis, 2009, 52, 823-827.	2.8	21
15	Electrochemical Performances of Proton-Conducting SOFC with La-Sr-Fe-O Cathode Fabricated by Electrophoretic Deposition Techniques. Electrochemistry, 2009, 77, 143-145.	1.4	5
16	Effect of Transition-metal Oxide Additives for Waterâ€“Gas-shift Reaction over Supported Copper Catalyst. Chemistry Letters, 2009, 38, 172-173.	1.3	5
17	Promotion Effect of FeOx Addition on the Catalytic Activity of Supported Cu Catalysts for the Waterâ€“gas Shift Reaction. Catalysis Letters, 2008, 124, 233-237.	2.6	12
18	Anode Performance of Ni/(CeO2)1-x(LnO1.5)x (Ln: Lanthanoids) in SOFCs Using Hydrocarbon Fuels. ECS Transactions, 2007, 7, 1711-1716.	0.5	4

#	Article	IF	Citations
19	Electrophoretically Coated Wire Meshes as Current Collectors for Solid Oxide Fuel Cell. ECS Transactions, 2007, 7, 1319-1325.	0.5	7
20	Photocatalytic partial oxidation of Î±-methylstyrene over TiO2 supported on zeolites. Catalysis Today, 2007, 120, 158-162.	4.4	58
21	Direct decomposition of nitrogen monoxide over Cu-MFI containing rare-earth elements: Sm and Gd as promoter. Catalysis Today, 2007, 126, 284-289.	4.4	13
22	Study on the supported Cu-based catalysts for the low-temperature waterâ€“gas shift reaction. Catalysis Today, 2007, 126, 436-440.	4.4	89
23	Fabrication of BaCe0.8Y0.2O3 dense film on perovskite-type oxide electrode substrates. Journal of the European Ceramic Society, 2007, 27, 4229-4232.	5.7	21
24	Effect of calcination temperature on the catalytic activity of copper supported on Î³-alumina for the water-gas-shift reaction. Catalysis Communications, 2006, 7, 228-231.	3.3	58
25	Study on the Perovskite-type Oxide Cathodes in Proton-conducting SOFC. Materials Research Society Symposia Proceedings, 2006, 972, 1.	0.1	2
26	Copperâ€“phthalocyanine encapsulated into zeolite-Y with high Si/Al: An EPR study. Chemical Physics Letters, 2005, 415, 126-130.	2.6	7
27	Mechanism of sensitivity promotion in CO sensor using indium oxide and cobalt oxide. Sensors and Actuators B: Chemical, 2000, 65, 39-41.	7.8	141
28	Improvement of In₂O₃-Based CO Sensor by Using Surface Modifiers. IEEJ Transactions on Sensors and Micromachines, 1998, 118, 100-105.	0.1	0
29	Highly Selective CO Sensor Using Indium Oxide Doubly Promoted by Cobalt Oxide and Gold. Journal of the Electrochemical Society, 1997, 144, L158-L160.	2.9	126
30	Selective CO Detection by Using Indium Oxideâ€Based Semiconductor Gas Sensor. Journal of the Electrochemical Society, 1996, 143, L36-L37.	2.9	44
31	Indium oxide-based gas sensor for selective detection of CO. Sensors and Actuators B: Chemical, 1996, 36, 325-332.	7.8	166