

Atsushi Ueda

List of Publications by Year in descending order

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34
papers

1,690
citations

430874

18
h-index

414414

32
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34
all docs

34
docs citations

34
times ranked

1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Oxidation of CO in Hydrogen over Gold Supported on Manganese Oxides. Journal of Catalysis, 1997, 168, 125-127.	6.2	272
2	Low-temperature water-gas shift reaction over gold deposited on TiO ₂ . Chemical Communications, 1997, , 271-272.	4.1	179
3	Reduction of nitrogen monoxide with propene in the presence of oxygen and moisture over gold supported on metal oxides. Applied Catalysis B: Environmental, 1997, 12, 81-93.	20.2	154
4	Nitric Oxide Reduction with Hydrogen, Carbon Monoxide, and Hydrocarbons over Gold Catalysts. Gold Bulletin, 1999, 32, 3-11.	2.7	150
5	Two conversion maxima at 373 and 573K in the reduction of nitrogen monoxide with hydrogen over Pd/TiO ₂ catalyst. Catalysis Today, 1998, 45, 135-138.	4.4	144
6	Preparation of Highly Dispersed Gold on Titanium and Magnesium Oxide. Studies in Surface Science and Catalysis, 1991, , 695-704.	1.5	119
7	Reduction of nitrogen monoxide with propene over Au/Al ₂ O ₃ mixed mechanically with Mn ₂ O ₃ . Applied Catalysis B: Environmental, 1998, 18, 115-121.	20.2	95
8	Metal oxide catalysts for DME steam reforming: Ga ₂ O ₃ and Ga ₂ O ₃ /Al ₂ O ₃ catalysts with and without copper. Applied Catalysis A: General, 2005, 286, 11-22.	4.3	65
9	The roles of redox and acid-base properties of silica-supported vanadia catalysts in the selective oxidation of ethane. Catalysis Today, 2004, 93-95, 163-171.	4.4	60
10	Selective Oxidation of Ethane to Acetaldehyde and Acrolein over Silica-Supported Vanadium Catalysts Using Oxygen as Oxidant. Journal of Catalysis, 2000, 190, 215-227.	6.2	56
11	Hydrogen production via steam reforming of ethyl alcohol over nano-structured indium oxide catalysts. Journal of Power Sources, 2008, 179, 566-570.	7.8	48
12	A novel DME steam-reforming catalyst designed with fact database on-demand. Applied Surface Science, 2006, 252, 2593-2597.	6.1	38
13	Electrochemical oxidation of CO in sulfuric acid solution over Pt and PtRu catalysts modified with TaO _x and NbO _x . Catalysis Today, 2003, 84, 223-229.	4.4	32
14	Rapid evaluation of oxidation catalysis by gas sensor system: total oxidation, oxidative dehydrogenation, and selective oxidation over metal oxide catalysts. Catalysis Today, 2001, 67, 379-387.	4.4	31
15	Metal oxide catalysts for DME steam reforming: Ga ₂ O ₃ and Ga ₂ O ₃ /Al ₂ O ₃ catalysts. Catalysis Letters, 2005, 100, 247-253.	2.6	29
16	Effect of support on the activity of Ga ₂ O ₃ species for steam reforming of dimethyl ether. Applied Catalysis A: General, 2006, 300, 58-66.	4.3	26
17	High throughput experiments on methane partial oxidation using molecular oxygen over silica doped with various elements. Applied Catalysis A: General, 2003, 254, 45-58.	4.3	20
18	High-throughput screening of PEMFC anode catalysts by IR thermography. Applied Surface Science, 2004, 223, 220-223.	6.1	19

#	ARTICLE	IF	CITATIONS
19	A combinatorial study on catalytic synergism in supported metal catalysts for fuel cell technology. Applied Surface Science, 2004, 223, 102-108.	6.1	18
20	C2F6 plasma treatment of a carbon support for a PEM fuel cell electrocatalyst. Journal of Power Sources, 2006, 161, 836-838.	7.8	18
21	Perovskite catalyst (La, Ba)(Fe, Nb, Pd)O ₃ applicable to NO storage and reduction system. Catalysis Communications, 2009, 11, 34-37.	3.3	17
22	Acrolein formation in the oxidation of ethane over silica catalysts supporting iron and cesium. Catalysis Letters, 1999, 63, 79-82.	2.6	16
23	Oxidation of ethane into acetaldehyde and acrolein over silica containing cesium and a very small amount of additives. Applied Catalysis A: General, 2000, 196, 37-42.	4.3	13
24	Optimization of Fe/SiO ₂ based metal oxides as selective oxidation catalyst of propane with combinatorial approach. Research on Chemical Intermediates, 2002, 28, 397-407.	2.7	12
25	Novel catalysts having NO _x -adsorption sites for the selective oxidation of ethane. Applied Catalysis A: General, 2001, 209, 391-399.	4.3	11
26	Simple Preparation Method of Isolated Iron (III) Species on Silica Surface. Chemistry Letters, 2003, 32, 208-209.	1.3	10
27	A semiconductor gas sensor system for high throughput screening of heterogeneous catalysts for the production of benzene derivatives. Measurement Science and Technology, 2005, 16, 229-234.	2.6	9
28	Partial oxidation of propene over metal oxide catalysts pretreated with NO ₂ . Catalysis Letters, 1998, 53, 73-76.	2.6	8
29	Hydrogen Production via Steam Reforming of Ethyl Alcohol over Palladium/Indium Oxide Catalyst. Research Letters in Physical Chemistry, 2009, 2009, 1-4.	0.3	8
30	Instruments for preparation of heterogeneous catalysts by an impregnation method. Review of Scientific Instruments, 2005, 76, 062226.	1.3	7
31	Two Reaction Paths at Different Temperatures in the Reduction of Nitrogen Monoxide with Hydrogen over Supported Palladium Catalysts. Chemistry Letters, 1998, 27, 595-596.	1.3	5
32	Graphite intercalation compounds used for electrocatalyst support. Tanso, 2005, 2005, 155-158.	0.1	1
33	56 High throughput experiment on the investigation of oxidation catalysts with gas sensor system. Studies in Surface Science and Catalysis, 2003, 145, 275-278.	1.5	0
34	Combinatorial Catalysis for Hydrogen Production from Ethanol. Materials Research Society Symposia Proceedings, 2005, 894, 1.	0.1	0