Robert J Farrauto

List of Publications by Year
in descending order

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18 papers	2,698 citations	623574 14 h-index	887953 17 g-index
24 all docs	24 docs citations	24 times ranked	2760 citing authors

#	Article	IF	Citations
1	The impact of urea on the performance of metal-exchanged zeolites for the selective catalytic reduction of NOxâ€”Part II. Catalytic, FTIR, and NMR studies. Applied Catalysis B: Environmental, 2010, 97, 98-107.	10.8	34
2	The impact of urea on the performance of metal exchanged zeolites for the selective catalytic reduction of NOxPart I. Pyrolysis and hydrolysis of urea over zeolite catalysts. Applied Catalysis B: Environmental, 2010, 97, 90-97.	10.8	100
3	Mechanism of aging for a Pt/CeO2-ZrO2 water gas shift catalyst. Applied Catalysis B: Environmental, 2006, 65, 135-141.	10.8	82
4	Introduction to solid polymer membrane fuel cells and reforming natural gas for production of hydrogen. Applied Catalysis B: Environmental, 2005, 56, 3-7.	10.8	53
5	Low-Temperature H2S Removal from Steam-Containing Gas Mixtures with ZnO for Fuel Cell Application. 2. Wash-Coated Monolith. Energy & Fuels, 2004, 18, 584-589.	2.5	34
6	Low-Temperature H2S Removal from Steam-Containing Gas Mixtures with ZnO for Fuel Cell Application. 1. ZnO Particles and Extrudates. Energy & Fuels, 2004, 18, 576-583.	2.5	164
7	A new generation of water gas shift catalysts for fuel cell applications. Journal of Power Sources, 2003, 118, 61-65.	4.0	165
8	3 From the internal combustion engine to the fuel cell: Moving towards the hydrogen economy. Studies in Surface Science and Catalysis, 2003, 145, 21-29.	1.5	8
9	The application of monoliths for gas phase catalytic reactions. Chemical Engineering Journal, 2001, 82, 149-156.	6.6	354
10	Automobile exhaust catalysts. Applied Catalysis A: General, 2001, 221, 443-457.	2.2	585
11	Catalytic converters: state of the art and perspectives. Catalysis Today, 1999, 51, 351-360.	2.2	360
12	A catalytic NOx management system for lean burn engines. Studies in Surface Science and Catalysis, 1998, , 529-536.	1.5	1
13	New applications of monolithic supported catalysts. Reaction Kinetics and Catalysis Letters, 1997, 60, 233-241.	0.6	12
14	Monolithic diesel oxidation catalysts. Applied Catalysis B: Environmental, 1996, 10, 29-51.	10.8	141
15	Selective catalytic reduction of nitric oxide by hydrocarbons. Applied Catalysis B: Environmental, 1996, 10, 203-227.	10.8	252
16	Lean NOx reduction with hydrocarbons over Ga/S-ZrOx and S-GaZr/Zeolite catalysts. Applied Catalysis B: Environmental, 1995, 6, 79-96.	10.8	41
17	Thermal decomposition and reformation of PdO catalysts; support effects. Applied Catalysis B: Environmental, 1995, 6, 263-270.	10.8	298
18	Abatement of NOx from Diesel Engines:Status and Technical Challenges. , 1995, , .		13