

Miguel A Peluso

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

467
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

642
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of manganese oxides employed in VOCs abatement. <i>Applied Catalysis B: Environmental</i> , 2005, 61, 114-119.	20.2	87
2	Recovery of manganese oxides from spent alkaline and zinc-carbon batteries. An application as catalysts for VOCs elimination. <i>Waste Management</i> , 2013, 33, 1483-1490.	7.4	59
3	Catalytic combustion of ethanol on pure and alumina supported K-Mn oxides: An IR and flow reactor study. <i>Applied Catalysis B: Environmental</i> , 2008, 78, 73-79.	20.2	51
4	Removal of VOCs by catalytic process. A study of MnZnO composites synthesized from waste alkaline and Zn/C batteries. <i>Chemical Engineering Journal</i> , 2017, 313, 1099-1111.	12.7	46
5	Cerium, manganese and cerium/manganese ceramic monolithic catalysts. Study of VOCs and PM removal. <i>Journal of Rare Earths</i> , 2016, 34, 675-682.	4.8	45
6	Effect of Mn in ZnO using DFT calculations: Magnetic and electronic changes. <i>Journal of Alloys and Compounds</i> , 2019, 795, 254-260.	5.5	36
7	Structural and optical properties of ZnO and manganese-doped ZnO. <i>Journal of Alloys and Compounds</i> , 2016, 689, 416-424.	5.5	33
8	Catalytic Glycolysis of Poly(ethylene terephthalate) Using Zinc and Cobalt Oxides Recycled from Spent Batteries. <i>Waste and Biomass Valorization</i> , 2020, 11, 4991-5001.	3.4	25
9	Complete oxidation of ethanol over MnOx. <i>Reaction Kinetics and Catalysis Letters</i> , 2003, 80, 241-248.	0.6	23
10	Structural, optical and photocatalytic properties of zinc oxides obtained from spent alkaline batteries. <i>Materials Research Bulletin</i> , 2018, 103, 158-165.	5.2	18
11	Volatile organic compound removal over bentonite-supported Pt, Mn and Pt/Mn monolithic catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2013, 108, 443-458.	1.7	15
12	Catalytic removal of a mixture of volatile organic compounds present in indoor air at various work sites over Pt, MnOx and Pt/MnOx supported monoliths. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 114, 395-407.	1.7	11
13	Preparation and Characterization of Manganese and Zinc Oxides Recovered from Spent Alkaline and Zn/C Batteries Using Biogenerated Sulfuric Acid as Leaching Agent. <i>Jom</i> , 2018, 70, 2351-2358.	1.9	9
14	Synthesis, characterization and catalytic properties of cobalt oxide recovered from spent lithium-ion batteries. <i>Molecular Catalysis</i> , 2020, 481, 110223.	2.0	9