

Giuseppe Trunfio

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,146
citations

430874

18
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

1524
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the functionality of nanostructured MnCeOx catalysts in the carbon monoxide oxidation. Applied Catalysis B: Environmental, 2017, 218, 803-809.	20.2	25
2	Activity patterns of metal oxide catalysts in the synthesis of N-phenylpropionamide from propanoic acid and aniline. Catalysis Science and Technology, 2015, 5, 1911-1918.	4.1	13
3	Recent advances on wet air oxidation catalysts for treatment of industrial wastewaters. Inorganica Chimica Acta, 2015, 431, 101-109.	2.4	83
4	Optimisation of an industrial wastewater decontamination plant: An environmentâ€ oriented approach. Canadian Journal of Chemical Engineering, 2014, 92, 391-400.	1.7	2
5	Latest Advances in the Catalytic Hydrogenation of Carbon Dioxide to Methanol/Dimethylether. Green Chemistry and Sustainable Technology, 2014, , 103-130.	0.7	11
6	Deactivation Pattern of a â€ Modelâ€ Ni/MgO Catalyst in the Pre-Reforming of n-Hexane. Catalysts, 2014, 4, 196-214.	3.5	8
7	A mechanistic assessment of the wet air oxidation activity of MnCeOx catalyst toward toxic and refractory organic pollutants. Applied Catalysis B: Environmental, 2014, 144, 292-299.	20.2	25
8	Advanced oxidation (UV-ozone) and cyclodextrin sorption: Effects of individual and combined action on the chemical abatement of organic pollutants in industrial effluents. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 603-608.	5.3	22
9	Effects of oxide carriers on surface functionality and process performance of the Cuâ€ ZnO system in the synthesis of methanol via CO2 hydrogenation. Journal of Catalysis, 2013, 300, 141-151.	6.2	197
10	How oxide carriers control the catalytic functionality of the Cuâ€ ZnO system in the hydrogenation of CO2 to methanol. Catalysis Today, 2013, 210, 39-46.	4.4	89
11	Effect of Additional Sorption Treatment by Cross-Linked Starch of Wastewater from a Surface Finishing Plant. Industrial & Engineering Chemistry Research, 2011, 50, 1749-1756.	3.7	18
12	Evaluation of the phytotoxicity of polycontaminated industrial effluents using the lettuce plant (Lactuca sativa) as a bioindicator. Ecotoxicology and Environmental Safety, 2011, 74, 2057-2064.	6.0	88
13	Raman scattering of MnO_x/CeO_x composite catalysts: structural aspects and laserâ€ heating effects. Journal of Raman Spectroscopy, 2011, 42, 1583-1588.	2.5	46
14	Heavy metal removal from industrial effluents by sorption on cross-linked starch: Chemical study and impact on water toxicity. Journal of Environmental Management, 2011, 92, 765-772.	7.8	56
15	The Dechromatation Step in Wastewater Treatment Plants: Fundamental Role and Optimization. Industrial & Engineering Chemistry Research, 2010, 49, 12217-12223.	3.7	9
16	Physico-chemical and catalytic properties of effective nanostructured MnCeOx systems for environmental applications. Studies in Surface Science and Catalysis, 2010, , 493-496.	1.5	6
17	Nanosize Effects, Physicochemical Properties, And Catalytic Oxidation Pattern of the Redox-Precipitated MnCeO_x System. Journal of Physical Chemistry C, 2009, 113, 2822-2829.	3.1	40
18	Optimization of the MnCeOx system for the catalytic wet oxidation of phenol with oxygen (CWAO). Applied Catalysis B: Environmental, 2008, 85, 40-47.	20.2	43

#	ARTICLE	IF	CITATIONS
19	Synthesis of highly dispersed MnCeOx catalysts via a novel "redox-precipitation" route. Materials Research Bulletin, 2008, 43, 539-545.	5.2	25
20	Improved MnCeOx Systems for the Catalytic Wet Oxidation (CWO) of Phenol in Wastewater Streams. Industrial & Engineering Chemistry Research, 2007, 46, 6724-6731.	3.7	48
21	Basic Evidence of the Molecular Dispersion of MnCeOx Catalysts Synthesized via a Novel "Redox-Precipitation" Route. Chemistry of Materials, 2007, 19, 2269-2276.	6.7	139
22	Design of Effective Ceria-supported $\text{CeO}_2/\text{CeO}_2$ Catalysts for the CWO of Phenol. Studies in Surface Science and Catalysis, 2007, 172, 489-492.	1.5	6
23	Basic Evaluation of the Catalytic Pattern of the CuCeOx System in the Wet Oxidation of Phenol with Oxygen. Catalysis Letters, 2006, 107, 39-46.	2.6	19
24	Probing the factors affecting structure and activity of the Au/CeO2 system in total and preferential oxidation of CO. Applied Catalysis B: Environmental, 2006, 66, 81-91.	20.2	96
25	Modelling the activity/stability pattern of Ni/MgO catalysts in the pre-reforming of n-hexane. Applied Catalysis A: General, 2004, 266, 155-162.	4.3	23
26	Suivi et optimisation d'une station de décontamination des eaux usées de la filière traitement de surface : abattement chimique et impact écotoxicologique. Revue Des Sciences De L'Eau, 0, 24, 329-341.	0.2	2
27	Highly effective oxide catalyst for the detoxification of oil mill wastewaters by the wet air oxidation process. Desalination and Water Treatment, 0, , 1-6.	1.0	3