

# 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	Effects of oxide carriers on surface functionality and process performance of the Cu-ZnO system in the synthesis of methanol via CO <sub>2</sub> hydrogenation. <i>Journal of Catalysis</i> , 2013, 300, 141-151.	6.2	197
2	Basic Evidence of the Molecular Dispersion of MnCeOx Catalysts Synthesized via a Novel Redox-Precipitation Route. <i>Chemistry of Materials</i> , 2007, 19, 2269-2276.	6.7	139
3	Probing the factors affecting structure and activity of the Au/CeO <sub>2</sub> system in total and preferential oxidation of CO. <i>Applied Catalysis B: Environmental</i> , 2006, 66, 81-91.	20.2	96
4	How oxide carriers control the catalytic functionality of the Cu-ZnO system in the hydrogenation of CO <sub>2</sub> to methanol. <i>Catalysis Today</i> , 2013, 210, 39-46.	4.4	89
5	Evaluation of the phytotoxicity of polycontaminated industrial effluents using the lettuce plant ( <i>Lactuca sativa</i> ) as a bioindicator. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 2057-2064.	6.0	88
6	Recent advances on wet air oxidation catalysts for treatment of industrial wastewaters. <i>Inorganica Chimica Acta</i> , 2015, 431, 101-109.	2.4	83
7	Heavy metal removal from industrial effluents by sorption on cross-linked starch: Chemical study and impact on water toxicity. <i>Journal of Environmental Management</i> , 2011, 92, 765-772.	7.8	56
8	Improved MnCeOx Systems for the Catalytic Wet Oxidation (CWO) of Phenol in Wastewater Streams. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 6724-6731.	3.7	48
9	Raman scattering of MnO <sub>x</sub> /CeO <sub>x</sub> composite catalysts: structural aspects and laser heating effects. <i>Journal of Raman Spectroscopy</i> , 2011, 42, 1583-1588.	2.5	46
10	Optimization of the MnCeOx system for the catalytic wet oxidation of phenol with oxygen (CWAO). <i>Applied Catalysis B: Environmental</i> , 2008, 85, 40-47.	20.2	43
11	Nanosize Effects, Physicochemical Properties, And Catalytic Oxidation Pattern of the Redox-Precipitated MnCeO <sub>x</sub> System. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2822-2829.	3.1	40
12	Synthesis of highly dispersed MnCeOx catalysts via a novel redox-precipitation route. <i>Materials Research Bulletin</i> , 2008, 43, 539-545.	5.2	25
13	A mechanistic assessment of the wet air oxidation activity of MnCeOx catalyst toward toxic and refractory organic pollutants. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 292-299.	20.2	25
14	Probing the functionality of nanostructured MnCeOx catalysts in the carbon monoxide oxidation. <i>Applied Catalysis B: Environmental</i> , 2017, 218, 803-809.	20.2	25
15	Modelling the activity/stability pattern of Ni/MgO catalysts in the pre-reforming of n-hexane. <i>Applied Catalysis A: General</i> , 2004, 266, 155-162.	4.3	23
16	Advanced oxidation (UV-ozone) and cyclodextrin sorption: Effects of individual and combined action on the chemical abatement of organic pollutants in industrial effluents. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 603-608.	5.3	22
17	Basic Evaluation of the Catalytic Pattern of the CuCeOx System in the Wet Oxidation of Phenol with Oxygen. <i>Catalysis Letters</i> , 2006, 107, 39-46.	2.6	19
18	Effect of Additional Sorption Treatment by Cross-Linked Starch of Wastewater from a Surface Finishing Plant. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 1749-1756.	3.7	18

#	ARTICLE	IF	CITATIONS
19	Activity patterns of metal oxide catalysts in the synthesis of N-phenylpropionamide from propanoic acid and aniline. <i>Catalysis Science and Technology</i> , 2015, 5, 1911-1918.	4.1	13
20	Latest Advances in the Catalytic Hydrogenation of Carbon Dioxide to Methanol/Dimethylether. <i>Green Chemistry and Sustainable Technology</i> , 2014, , 103-130.	0.7	11
21	The Dechromatation Step in Wastewater Treatment Plants: Fundamental Role and Optimization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 12217-12223.	3.7	9
22	Deactivation Pattern of a $\gamma$ -Ni/MgO Catalyst in the Pre-Reforming of n-Hexane. <i>Catalysts</i> , 2014, 4, 196-214.	3.5	8
23	Design of Effective Ceria-supported $\gamma$ Catalysts for the CWO of Phenol. <i>Studies in Surface Science and Catalysis</i> , 2007, 172, 489-492.	1.5	6
24	Physico-chemical and catalytic properties of effective nanostructured MnCeOx systems for environmental applications. <i>Studies in Surface Science and Catalysis</i> , 2010, , 493-496.	1.5	6
25	Highly effective oxide catalyst for the detoxification of oil mill wastewaters by the wet air oxidation process. <i>Desalination and Water Treatment</i> , 0, , 1-6.	1.0	3
26	Suivi et optimisation d'une station de décontamination des eaux usées de la filière traitement de surface : abattement chimique et impact écotoxicologique. <i>Revue Des Sciences De L'Eau</i> , 0, 24, 329-341.	0.2	2
27	Optimisation of an industrial wastewater decontamination plant: An environment-oriented approach. <i>Canadian Journal of Chemical Engineering</i> , 2014, 92, 391-400.	1.7	2