

Roberto Di Chio

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

275
citations

932766

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1125271

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all docs

14
docs citations

14
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	DFT and kinetic evidences of the preferential CO oxidation pattern of manganese dioxide catalysts in hydrogen stream (PROX). <i>Applied Catalysis B: Environmental</i> , 2022, 300, 120715.	10.8	14
2	Role of Heterojunctions of Core-Shell Heterostructures in Gas Sensing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 22041-22052.	4.0	12
3	Tailoring manganese oxide catalysts for the total oxidation of pollutants in gas and liquid phase. <i>Applied Catalysis A: General</i> , 2021, 610, 117917.	2.2	6
4	Effective low-temperature catalytic methane oxidation over MnCeOx catalytic compositions. <i>Catalysis Today</i> , 2021, 379, 240-249.	2.2	15
5	Development of a MnO ₂ -Modified Screen-Printed Electrode for Phenol Monitoring. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-9.	2.4	3
6	DFT insights into the oxygen-assisted selective oxidation of benzyl alcohol on manganese dioxide catalysts. <i>Inorganica Chimica Acta</i> , 2020, 511, 119812.	1.2	14
7	Definitive Assessment of the Level of Risk of Exhausted Catalysts: Characterization of Ni and V Contaminates at the Limit of Detection. <i>Topics in Catalysis</i> , 2019, 62, 266-272.	1.3	4
8	A New Class of MnCeOx Materials for the Catalytic Gas Exhausts Emission Control: A Study of the CO Model Compound Oxidation. <i>Topics in Catalysis</i> , 2019, 62, 259-265.	1.3	10
9	A definitive assessment of the CO oxidation pattern of a nanocomposite MnCeO _x catalyst. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 293-300.	1.9	17
10	Nanostructured MnO ₂ for phenolic compounds degradation and monitoring. , 2018, , .		1
11	Probing the functionality of nanostructured MnCeO _x catalysts in the carbon monoxide oxidation. <i>Applied Catalysis B: Environmental</i> , 2017, 210, 14-22.	10.8	52
12	Probing the functionality of nanostructured MnCeOx catalysts in the carbon monoxide oxidation. <i>Applied Catalysis B: Environmental</i> , 2017, 218, 803-809.	10.8	25
13	Recent advances on wet air oxidation catalysts for treatment of industrial wastewaters. <i>Inorganica Chimica Acta</i> , 2015, 431, 101-109.	1.2	83
14	An experimental assessment of the ammonia temperature programmed desorption method for probing the surface acidic properties of heterogeneous catalysts. <i>Applied Catalysis A: General</i> , 2015, 503, 227-236.	2.2	19