

Derya DÃ¼zenli

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

299
citations

840776

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1281871

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all docs

11
docs citations

11
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparative Density Functional Study of Hydrogen Peroxide Adsorption and Activation on the Graphene Surface Doped with N, B, S, Pd, Pt, Au, Ag, and Cu Atoms. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20149-20157.	3.1	60
2	A comparative experimental and density functional study of glucose adsorption and electrooxidation on the Au-graphene and Pt-graphene electrodes. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 490-500.	7.1	43
3	A density functional theory study of partial oxidation of propylene on Cu ₂ O(0 0 1) and CuO(0 0 1) surfaces. <i>Applied Surface Science</i> , 2015, 355, 660-666.	6.1	38
4	A novel experimental and density functional theory study on palladium and nitrogen doped few layer graphene surface towards glucose adsorption and electrooxidation. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 150, 109684.	4.0	27
5	Epoxidation of Propene by High-Throughput Screening Method Over Combinatorially Prepared Cu Catalysts Supported on High and Low Surface Area Silica. <i>Catalysis Letters</i> , 2012, 142, 1234-1243.	2.6	23
6	NaCl-Promoted CuO/RuO ₂ /SiO ₂ Catalysts for Propylene Epoxidation with O ₂ at Atmospheric Pressures: A Combinatorial Micro-reactor Study. <i>Catalysis Letters</i> , 2015, 145, 596-605.	2.6	22
7	Direct epoxidation of propylene to propylene oxide on various catalytic systems: A combinatorial micro-reactor study. <i>Catalysis Communications</i> , 2015, 61, 16-20.	3.3	21
8	Propylene Epoxidation: High-Throughput Screening of Supported Metal Catalysts Combinatorially Prepared by Rapid Sol-Gel Method. <i>Topics in Catalysis</i> , 2010, 53, 92-99.	2.8	20
9	A density functional theory study of propylene epoxidation on RuO ₂ (110) surface. <i>Applied Surface Science</i> , 2016, 385, 99-105.	6.1	17
10	Synthesis and characterization of novel Ti doped hexagonal mesoporous silica catalyst for nonenzymatic hydrogen peroxide oxidation. <i>Microporous and Mesoporous Materials</i> , 2018, 257, 92-98.	4.4	15
11	DFT Study on the Hydrogenation of CO ₂ to Methanol on Ho-Doped Cu(211) Surface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 22426-22434.	3.1	13