

Vladimir Galvita

List of Publications by Year in descending order

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10
papers

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citations

1040056

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docs citations

10
times ranked

832
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethane dehydrogenation on Pt/Mg(Al)O and PtSn/Mg(Al)O catalysts. Journal of Catalysis, 2010, 271, 209-219.	6.2	199
2	Catalyst performance of novel Pt/Mg(Ga)(Al)O catalysts for alkane dehydrogenation. Journal of Catalysis, 2010, 274, 200-206.	6.2	184
3	Deactivation of Modified Iron Oxide Materials in the Cyclic Water Gas Shift Process for CO-Free Hydrogen Production. Industrial & Engineering Chemistry Research, 2008, 47, 303-310.	3.7	65
4	Cyclic water gas shift reactor (CWGS) for carbon monoxide removal from hydrogen feed gas for PEM fuel cells. Chemical Engineering Journal, 2007, 134, 168-174.	12.7	63
5	Hydrogen production from methane by steam reforming in a periodically operated two-layer catalytic reactor. Applied Catalysis A: General, 2005, 289, 121-127.	4.3	61
6	Redox behavior and reduction mechanism of Fe ₂ O ₃ –CeZrO ₂ as oxygen storage material. Journal of Materials Science, 2007, 42, 9300-9307.	3.7	46
7	Fe-Based Nano-Materials in Catalysis. Materials, 2018, 11, 831.	2.9	36
8	Production of hydrogen with low CO _x -content for PEM fuel cells by cyclic water gas shift reactor. International Journal of Hydrogen Energy, 2008, 33, 1354-1360.	7.1	33
9	The CO adsorption on a Fe ₂ O ₃ –Ce _{0.5} Zr _{0.5} O ₂ catalyst studied by TPD, isotope exchange and FTIR spectroscopy. Journal of Molecular Catalysis A, 2008, 283, 43-51.	4.8	12
10	Aligning time-resolved kinetics (TAP) and surface spectroscopy (AP-XPS) for a more comprehensive understanding of ALD-derived 2D and 3D model catalysts.. Faraday Discussions, 2022, , .	3.2	0