

Sergio R De Miguel

List of Publications by Year in descending order

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times ranked

487
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability studies of PtSn structured catalysts supported on thin layers of MgAl_2O_4 (M : Mg, or Zn) for paraffins dehydrogenation reactions. Canadian Journal of Chemical Engineering, 2023, 101, 431-443.	1.7	0
2	New PtSn structured catalysts with ZnAl_2O_4 thin film for n-butane dehydrogenation reaction. Applied Catalysis A: General, 2020, 590, 117315.	4.3	8
3	Synthesis of spherical structured catalysts by dip-coating: Application to n-butane dehydrogenation. Canadian Journal of Chemical Engineering, 2018, 96, 696-703.	1.7	6
4	Effect of the Preparation Method on the Electrocatalytic Activity of Pt-Sn/Nanotubes Catalysts Used in DMFC. Journal of the Electrochemical Society, 2017, 164, F1524-F1533.	2.9	9
5	Promoting Effect of Tin in Platinum Electrocatalysts for Direct Methanol Fuel Cells (DMFC). Journal of the Electrochemical Society, 2015, 162, F243-F249.	2.9	16
6	MgAl_2O_4 spinel prepared by mechanochemical synthesis used as a support of multimetallic catalysts for paraffin dehydrogenation. Catalysis in Industry, 2013, 5, 61-73.	0.7	10
7	Behavior of PtPb/ MgAl_2O_4 catalysts with different Pb contents and trimetallic PtPbIn catalysts in n-butane dehydrogenation. Applied Catalysis A: General, 2013, 468, 135-142.	4.3	12
8	Deposition of Pt nanoparticles on different carbonaceous materials by using different preparation methods for PEMFC electrocatalysts. International Journal of Hydrogen Energy, 2012, 37, 17910-17920.	7.1	26
9	n-Butane dehydrogenation on Pt, PtSn and PtGe supported on $\gamma\text{-Al}_2\text{O}_3$ deposited on spheres of $\gamma\text{-Al}_2\text{O}_3$ by washcoating. Applied Catalysis A: General, 2010, 381, 83-91.	4.3	56
10	Characterization of ZnAl_2O_4 Obtained by Different Methods and Used as Catalytic Support of Pt. Catalysis Letters, 2009, 129, 293-302.	2.6	50
11	New trimetallic catalysts supported on coprecipitated MgAl_2O_4 for n-paraffins selective dehydrogenation processes. Catalysis Communications, 2009, 10, 1463-1466.	3.3	16
12	Catalytic performance in citral hydrogenation and characterization of PtSn catalysts supported on activated carbon felt and powder. Applied Catalysis A: General, 2005, 281, 247-258.	4.3	54
13	n-Butane Dehydrogenation on PtSn Supported on MgAl_2O_4 (M: Mg or Zn) Catalysts. Catalysis Letters, 2004, 96, 129-140.	2.6	38
14	Performance of PtSn catalysts supported on MgAl_2O_4 (M: Mg or Zn) in n-butane dehydrogenation: characterization of the metallic phase. Applied Catalysis A: General, 2004, 277, 11-22.	4.3	110
15	Effect of Sn content on Pt/ CNT electrocatalysts for direct ethanol fuel cell application. Canadian Journal of Chemical Engineering, 0, , .	1.7	5