

Mãrio Simões

List of Publications by Year in descending order

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12
papers

1,205
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1216
citing authors

#	ARTICLE	IF	CITATIONS
1	Electro-oxidation of glycerol at Pd based nano-catalysts for an application in alkaline fuel cells for chemicals and energy cogeneration. Applied Catalysis B: Environmental, 2010, 93, 354-362.	20.2	322
2	Electrochemical Valorisation of Glycerol. ChemSusChem, 2012, 5, 2106-2124.	6.8	248
3	Enhancement of catalytic properties for glycerol electrooxidation on Pt and Pd nanoparticles induced by Bi surface modification. Applied Catalysis B: Environmental, 2011, 110, 40-49.	20.2	157
4	Electrooxidation of Sodium Borohydride at Pd, Au, and Pd _x Au _{1-x} Carbon-Supported Nanocatalysts. Journal of Physical Chemistry C, 2009, 113, 13369-13376.	3.1	151
5	PdAu/C catalysts prepared by plasma sputtering for the electro-oxidation of glycerol. Applied Catalysis B: Environmental, 2011, 107, 372-379.	20.2	88
6	Influence of operational parameters and of catalytic materials on electrical performance of Direct Glycerol Solid Alkaline Membrane Fuel Cells. Journal of Power Sources, 2011, 196, 4965-4971.	7.8	83
7	Influence of bismuth on the structure and activity of Pt and Pd nanocatalysts for the direct electrooxidation of NaBH ₄ . Electrochimica Acta, 2010, 56, 580-591.	5.2	67
8	Clean hydrogen generation through the electrocatalytic oxidation of formic acid in a Proton Exchange Membrane Electrolysis Cell (PEMEC). Electrochimica Acta, 2012, 60, 112-120.	5.2	52
9	Modification of palladium surfaces by bismuth adatoms or clusters: Effect on electrochemical activity and selectivity towards polyol electrooxidation. International Journal of Hydrogen Energy, 2014, 39, 15877-15886.	7.1	24
10	The Electrocatalytic Oxidation of Sodium Borohydride at Palladium and Gold Electrodes for an Application to the Direct Borohydride Fuel Cell. ECS Transactions, 2009, 25, 1413-1421.	0.5	9
11	Functionalization of Ca ₂ MnO ₄ by controlled calcium extraction: Activation for electrochemical Li intercalation. Solid State Ionics, 2014, 266, 36-43.	2.7	4
12	Activation of nano-Ca ₂ MnO ₄ for electrochemical lithium intercalation. Materials Research Society Symposia Proceedings, 2015, 1805, 1.	0.1	0