

Paulo Olivi

List of Publications by Year in descending order

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54
papers

2,661
citations

172457

29
h-index

182427

51
g-index

54
all docs

54
docs citations

54
times ranked

2503
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical treatment of tannery wastewater using DSA [®] electrodes. Journal of Hazardous Materials, 2008, 153, 616-627.	12.4	190
2	Electroactivity of tin modified platinum electrodes for ethanol electrooxidation. Journal of Power Sources, 2007, 167, 1-10.	7.8	161
3	Carbon-supported ternary PtSnIr catalysts for direct ethanol fuel cell. Electrochimica Acta, 2007, 52, 6997-7006.	5.2	158
4	Oxidation of the pesticide atrazine at DSA [®] electrodes. Journal of Hazardous Materials, 2006, 137, 565-572.	12.4	145
5	Title is missing!. Journal of Materials Science Letters, 1997, 16, 634-638.	0.5	127
6	A toxicidade em ambientes aquáticos: discussão e métodos de avaliação. Química Nova, 2008, 31, 1820-1830.	0.3	121
7	Electrochemical oxidation of acid black 210 dye on the boron-doped diamond electrode in the presence of phosphate ions: Effect of current density, pH, and chloride ions. Electrochimica Acta, 2009, 54, 7048-7055.	5.2	109
8	Electrooxidation of methanol on Pt microparticles dispersed on SnO ₂ thin films. Electrochimica Acta, 2005, 50, 2615-2621.	5.2	95
9	Electrochemical oxidation of an acid dye by active chlorine generated using Ti/Sn(1-x)Ir x O ₂ electrodes. Journal of Applied Electrochemistry, 2007, 37, 583-592.	2.9	93
10	Preparation and Characterization of a Dip-Coated SnO ₂ Film for Transparent Electrodes for Transmissive Electrochromic Devices. Journal of the Electrochemical Society, 1993, 140, L81-L82.	2.9	89
11	Effect of chloride concentration on the electrochemical treatment of a synthetic tannery wastewater. Electrochimica Acta, 2009, 54, 2046-2052.	5.2	89
12	Activity of platinum-tin catalysts prepared by the Pechini-Adams method for the electrooxidation of ethanol. Journal of Electroanalytical Chemistry, 2009, 628, 81-89.	3.8	84
13	Characterisation of DSA [®] -type coatings with nominal composition Ti/Ru _{0.3} Ti(0.7-x)Sn _x O ₂ prepared via a polymeric precursor. Electrochimica Acta, 2001, 47, 913-920.	5.2	80
14	Effect of W on PtSn/C catalysts for ethanol electrooxidation. Journal of Applied Electrochemistry, 2008, 38, 653-662.	2.9	74
15	Electrical properties of the SnO ₂ -based varistor. Journal of Materials Science: Materials in Electronics, 1998, 9, 159-165.	2.2	65
16	Dendrimers as nanoreactors to produce platinum nanoparticles embedded in layer-by-layer films for methanol-tolerant cathodes. Electrochemistry Communications, 2006, 8, 348-352.	4.7	64
17	Electrocatalytic oxidation of ethanol on Pt-Mo bimetallic electrodes in acid medium. Journal of Applied Electrochemistry, 2006, 36, 1391-1397.	2.9	59
18	Electrooxidation of methanol on PtMyO _x (M=Sn, Mo, Os or W) electrodes. Electrochemistry Communications, 2005, 7, 703-709.	4.7	56

#	ARTICLE	IF	CITATIONS
19	Electrochemical oxidation of synthetic tannery wastewater in chloride-free aqueous media. <i>Journal of Hazardous Materials</i> , 2010, 180, 429-435.	12.4	55
20	Preparation and characterization of Sb-doped SnO ₂ films with controlled stoichiometry from polymeric precursors. <i>Journal of Physics and Chemistry of Solids</i> , 2003, 64, 1105-1112.	4.0	53
21	Kinetic Investigations of Glycerol Oxidation Reaction on Ni/C. <i>Electrocatalysis</i> , 2015, 6, 447-454.	3.0	52
22	Pt-RuO ₂ electrodes prepared by thermal decomposition of polymeric precursors as catalysts for direct methanol fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 2747-2757.	7.1	50
23	Beneficial effects of rhodium and tin oxide on carbon supported platinum catalysts for ethanol electrooxidation. <i>Journal of Power Sources</i> , 2016, 315, 47-55.	7.8	50
24	Direct ethanol fuel cell: Electrochemical performance at 90°C on Pt and PtSn/C electrocatalysts. <i>Journal of Power Sources</i> , 2012, 198, 95-99.	7.8	49
25	The electrooxidation of formaldehyde on Pt(100) and Pt(110) electrodes in perchloric acid solutions. <i>Electrochimica Acta</i> , 1996, 41, 927-932.	5.2	48
26	New results in the electro-oxidation of formaldehyde on a platinum electrode in an acid medium. <i>Journal of Electroanalytical Chemistry</i> , 1994, 370, 241-249.	3.8	45
27	Application of Pt+RuO ₂ catalysts prepared by thermal decomposition of polymeric precursors to DMFC. <i>Journal of Power Sources</i> , 2006, 158, 1195-1201.	7.8	44
28	Electrocatalytic oxidation of acetaldehyde on Pt alloy electrodes. <i>Electrochimica Acta</i> , 2004, 49, 2077-2083.	5.2	37
29	Methanol electrooxidation on platinum microparticles electrodeposited on poly (o-methoxyaniline) films. <i>Electrochimica Acta</i> , 2004, 49, 4979-4985.	5.2	37
30	The oxidation of formaldehyde on high overvoltage DSA type electrodes. <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 16-21.	0.6	32
31	Preparation of Ir _{0.3} Sn _(0.7-x) Ti _x O ₂ Electrodes by the Polymeric Precursor Method: Characterization and Lifetime Study. <i>Journal of Applied Electrochemistry</i> , 2006, 36, 883-888.	2.9	26
32	Integrated electromodulated IR reflectance spectroscopy bands. <i>Journal of Electroanalytical Chemistry</i> , 1993, 346, 415-432.	3.8	23
33	XAS characterization of the RuO ₂ -Ta ₂ O ₅ system local (crystal) structure. <i>Materials Chemistry and Physics</i> , 2011, 125, 449-460.	4.0	22
34	Cubic Stabilized Zirconium Oxide Anodic Films Prepared at Room Temperature. <i>Chemistry of Materials</i> , 1999, 11, 277-280.	6.7	20
35	Oxidation of formaldehyde in an alkaline medium on a polycrystalline platinum electrode. <i>Journal of Electroanalytical Chemistry</i> , 1992, 330, 583-594.	3.8	19
36	Electrochemical Behavior of Ethanol Oxidation on a Ti/Ru _{0.3} Ti _(0.7-x) Sn _x O ₂ Electrode. <i>Journal of the Electrochemical Society</i> , 2003, 150, E222.	2.9	19

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37	NiO-promoted Pt electrocatalysts prepared by thermal decomposition of polymeric precursors for oxidation of glycerol in alkaline medium. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102922.	6.7	19
38	The effect of methanol on the stability of Pt/C and Pt-RuO ₂ /C catalysts. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 13298-13308.	7.1	14
39	Preparation and characterization of active and cost-effective nickel/platinum electrocatalysts for hydrogen evolution electrocatalysis. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 8079-8088.	7.1	13
40	The Effect of Heat Treatment on the Preparation of Pt-RuO ₂ /C Electrocatalysts. <i>Electrocatalysis</i> , 2010, 1, 122-128.	3.0	10
41	Oxygen Reduction Reaction on Pt-NiO _x /C, Pt-CoO _x /C, and Pt-SnO ₂ /C Electrodes in the Presence of Ethanol. <i>Electrocatalysis</i> , 2010, 1, 163-168.	3.0	10
42	Rhodium effects on Pt anode materials in a direct alkaline ethanol fuel cell. <i>RSC Advances</i> , 2020, 10, 35310-35317.	3.6	10
43	Glycerol electrocatalytic oxidation on Pt ₂ RuSnO/Ti electrodes prepared by the polymeric precursor method. <i>Chemical Physics Letters</i> , 2015, 640, 31-35.	2.6	8
44	Non-precious Metal Oxygen Reduction Reaction Catalysts Synthesized Via Cyanuric Chloride and N-Ethylamine. <i>Electrocatalysis</i> , 2014, 5, 396-401.	3.0	7
45	Effects of electrochemical synthesis conditions on poly(o-methoxyaniline) thin films formation. <i>Materials Chemistry and Physics</i> , 2018, 213, 96-101.	4.0	7
46	Electrocatalytic oxidation of ethanol on Sn _x Ir _(1-x) O ₂ electrodes in acid medium. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 837-843.	2.9	6
47	Characterization and voltammetric behavior of Pt _y MozO _x /C electrodes prepared by the thermal decomposition of polymeric precursors. <i>Journal of Power Sources</i> , 2010, 195, 3485-3489.	7.8	5
48	Influence of Modifications to the Pechini Method on the Electroactivity and Stability of Pt-RuO _x /C Catalysts. <i>Journal of the Electrochemical Society</i> , 2012, 159, F393-F397.	2.9	3
49	Insights on the C ₂ and C ₃ electroconversion in alkaline medium on Rh/C catalyst: in situ FTIR spectroscopic and chromatographic studies. <i>Electrochimica Acta</i> , 2022, 422, 140507.	5.2	3
50	Methanol electro-oxidation at Pt _x Ru _(1-x) O _y electrodes - An in situ FTIR study. <i>Canadian Journal of Chemistry</i> , 2007, 85, 923-929.	1.1	2
51	An FTIR study of the electrooxidation of C ₂ and C ₃ alcohols on carbon-supported Pd _x Rh _y in alkaline medium. <i>ChemElectroChem</i> , 0, , .	3.4	2
52	The effects of Sb incorporation into vanadium pentoxide xerogel. <i>Solid State Sciences</i> , 2001, 3, 849-853.	0.7	1
53	Effect of Acetic Acid on Carbon Monoxide Electrooxidation over Tin Oxide and Rhodium-Modified Platinum Electrode Materials. <i>Electrocatalysis</i> , 2017, 8, 11-15.	3.0	1
54	Investigation on the Stability of Pt/C and Pt-RuO _x /C Catalysts. <i>ECS Transactions</i> , 2011, 41, 1131-1137.	0.5	0