

# Mauro Coelho dos Santos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/729517/publications.pdf>

Version: 2024-02-01

123  
papers

3,837  
citations

81900

39  
h-index

144013

57  
g-index

124  
all docs

124  
docs citations

124  
times ranked

3873  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd-Pt nanoparticles combined with ceria nanorods for application in oxygen reduction reactions in alkaline direct ethanol fuel cell cathodes. <i>Journal of Alloys and Compounds</i> , 2022, 899, 163361.	5.5	12
2	Determination of the electrochemically active surface area by CO and hydrogen of PtSnRuTa/C-based electrocatalysts and their relationship with catalytic activity against alcohol oxidation. <i>Chemical Papers</i> , 2022, 76, 4597-4613.	2.2	2
3	Use of WO <sub>2.72</sub> Nanoparticles/Vulcan® XC72 GDE Electrocatalyst Combined with the Photoelectro-Fenton Process for the Degradation of 17 $\beta$ -Ethinylestradiol (EE2). <i>Electrocatalysis</i> , 2022, 13, 457-468.	3.0	4
4	Cotton fabric derived $\gamma$ -Fe magnetic porous carbon as electrocatalyst for alkaline direct ethanol fuel cell. <i>Catalysis Today</i> , 2021, 381, 65-75.	4.4	2
5	Acetol as a high-performance molecule for oxidation in alkaline direct liquid fuel cell. <i>Renewable Energy</i> , 2021, 165, 37-42.	8.9	7
6	Electrochemical and spectroscopy studies of the interaction between the Zn <sup>2+</sup> and the diethylditiocarbamate ligand (Et <sub>2</sub> DTC <sup>2-</sup> ). <i>Transition Metal Chemistry</i> , 2021, 46, 291-297.	1.4	1
7	Hybrid palladium-ceria nanorod electrocatalysts applications in oxygen reduction and ethanol oxidation reactions in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 15896-15911.	7.1	17
8	NaNbO <sub>3</sub> microcubes decorated with minimum Pd and maximum performance for Alkaline Direct Ethanol Fuel Cell applications. <i>Journal of Power Sources</i> , 2021, 493, 229694.	7.8	9
9	Density functional theory studies of oxygen reduction reaction for hydrogen peroxide generation on Graphene-Based catalysts. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115429.	3.8	4
10	Determination of chemical elements in rice from Singapore markets: Distribution, estimated intake and differentiation of rice varieties. <i>Journal of Food Composition and Analysis</i> , 2021, 101, 103969.	3.9	7
11	Fast and Inexpensive Synthesis of Multilayer Graphene Used as Pd Support in Alkaline Direct Ethanol Fuel Cell Anode. <i>Electrocatalysis</i> , 2021, 12, 715.	3.0	1
12	Assessing the oxygen reduction reaction by a 2-electron mechanism on ceria surfaces. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 18580-18587.	2.8	7
13	Electrocatalysts based on low amounts of palladium combined with tin nanoparticles and cerium dioxide nanorods for application as ADEFC anodes. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 39438-39456.	7.1	7
14	Using carbon black modified with Nb <sub>2</sub> O <sub>5</sub> and RuO <sub>2</sub> for enhancing selectivity toward H <sub>2</sub> O <sub>2</sub> electrogeneration. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106787.	6.7	9
15	Removal of Orange II (OII) dye by simulated solar photoelectro-Fenton and stability of WO <sub>2.72</sub> /Vulcan XC72 gas diffusion electrode. <i>Chemosphere</i> , 2020, 239, 124670.	8.2	13
16	Niobium increasing the electrocatalytic activity of palladium for alkaline direct ethanol fuel cell. <i>Journal of Electroanalytical Chemistry</i> , 2020, 858, 113824.	3.8	21
17	The effect of support on Pd <sub>1</sub> Nb <sub>1</sub> electrocatalysts for ethanol fuel cells. <i>Renewable Energy</i> , 2020, 150, 293-306.	8.9	13
18	Methane activation on PdMn/C-ITO electrocatalysts using a reactor-type PEMFC. <i>Research on Chemical Intermediates</i> , 2020, 46, 4383-4402.	2.7	2

#	ARTICLE	IF	CITATIONS
19	Microwave synthesis of Ti/(RuO <sub>2</sub> ) <sub>0.5</sub> (IrO <sub>2</sub> ) <sub>0.5</sub> anodes: Improved electrochemical properties and stability. <i>Journal of Electroanalytical Chemistry</i> , 2020, 874, 114460.	3.8	30
20	Diamond electrodes applied to the voltammetric generation of nitro-anion radicals from methyl parathion in aqueous media. <i>Diamond and Related Materials</i> , 2020, 110, 108112.	3.9	4
21	Catalysis of oxygen reduction reaction for H <sub>2</sub> O <sub>2</sub> electrogeneration: The impact of different conductive carbon matrices and their physicochemical properties. <i>Journal of Catalysis</i> , 2020, 392, 56-68.	6.2	29
22	Sn-containing electrocatalysts with a reduced amount of palladium for alkaline direct ethanol fuel cell applications. <i>Renewable Energy</i> , 2020, 158, 49-63.	8.9	18
23	Methane activation at low temperature in an acidic electrolyte using PdAu/C, PdCu/C, and PdTiO <sub>2</sub> /C electrocatalysts for PEMFC. <i>Research on Chemical Intermediates</i> , 2020, 46, 2481-2496.	2.7	12
24	MnO <sub>2</sub> /Vulcan-Based Gas Diffusion Electrode for Mineralization of Diazo Dye in Simulated Effluent. <i>Electrocatalysis</i> , 2020, 11, 268-274.	3.0	4
25	Pt-Decorated TiO <sub>2</sub> Materials Supported on Carbon: Increasing Activities and Stabilities toward the ORR by Tuning the Pt Loading. <i>ACS Applied Energy Materials</i> , 2019, 2, 5759-5768.	5.1	35
26	Insights in the Study of the Oxygen Reduction Reaction in Direct Ethanol Fuel Cells using Hybrid Platinum-Ceria Nanorods Electrocatalysts. <i>ChemElectroChem</i> , 2019, 6, 5124-5135.	3.4	9
27	Niobium Enhances Electrocatalytic Pd Activity in Alkaline Direct Glycerol Fuel Cells. <i>ChemElectroChem</i> , 2019, 6, 5396-5406.	3.4	9
28	MWCNT-COOH supported PtSnNi electrocatalysts for direct ethanol fuel cells: Low Pt content, selectivity and chemical stability. <i>Renewable Energy</i> , 2019, 143, 1397-1405.	8.9	9
29	A high-throughput analytical tool for quantification of 15 metallic nanoparticles supported on carbon black. <i>Heliyon</i> , 2019, 5, e01308.	3.2	13
30	Mitigation of arsenic in rice grains by polishing and washing: Evidencing the benefit and the cost. <i>Journal of Cereal Science</i> , 2019, 87, 52-58.	3.7	23
31	Mineralization of paracetamol using a gas diffusion electrode modified with ceria high aspect ratio nanostructures. <i>Electrochimica Acta</i> , 2019, 295, 39-49.	5.2	26
32	Pd <sub>x</sub> Nb <sub>y</sub> electrocatalysts for DEFC in alkaline medium: Stability, selectivity and mechanism for EOR. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 4505-4516.	7.1	41
33	Carbon-supported MnO <sub>2</sub> nanoflowers: Introducing oxygen vacancies for optimized volcano-type electrocatalytic activities towards H <sub>2</sub> O <sub>2</sub> generation. <i>Electrochimica Acta</i> , 2018, 268, 101-110.	5.2	60
34	Time dependent-density functional theory (TD-DFT) and experimental studies of UV-Visible spectra and cyclic voltammetry for Cu(II) complex with Et <sub>2</sub> DTC. <i>Journal of Molecular Structure</i> , 2018, 1157, 463-468.	3.6	7
35	Evaluation of H <sub>2</sub> O <sub>2</sub> electrogeneration and decolorization of Orange II azo dye using tungsten oxide nanoparticle-modified carbon. <i>Applied Catalysis B: Environmental</i> , 2018, 232, 436-445.	20.2	98
36	Niobium: a promising Pd co-electrocatalyst for ethanol electrooxidation reactions. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1495-1506.	2.5	22

#	ARTICLE	IF	CITATIONS
37	Ceria high aspect ratio nanostructures supported on carbon for hydrogen peroxide electrogeneration. <i>Electrochimica Acta</i> , 2018, 259, 865-872.	5.2	54
38	Application and stability of cathodes with manganese dioxide nanoflowers supported on Vulcan by Fenton systems for the degradation of RB5 azo dye. <i>Chemosphere</i> , 2018, 208, 131-138.	8.2	34
39	W@Au Nanostructures Modifying Carbon as Materials for Hydrogen Peroxide Electrogeneration. <i>Electrochimica Acta</i> , 2017, 231, 713-720.	5.2	36
40	PtSn Electrocatalyst Supported on MWCNT@COOH: Investigating the Ethanol Oxidation Reaction. <i>ChemElectroChem</i> , 2017, 4, 1950-1958.	3.4	20
41	Carbon Modified with Vanadium Nanoparticles for Hydrogen Peroxide Electrogeneration. <i>Electrocatalysis</i> , 2017, 8, 311-320.	3.0	9
42	Fuel Cells: Hydrogen and Ethanol Technologies. , 2017, , .		2
43	Electrooxidation of Mixed Ethanol and Methanol Solutions on PtSn/C Electrocatalysts Prepared by the Polymeric Precursor Method. <i>Journal of the Brazilian Chemical Society</i> , 2017, 28, 1091-1097.	0.6	3
44	Surface and Catalytical effects on Treated Carbon Materials for Hydrogen Peroxide Electrogeneration. <i>Electrocatalysis</i> , 2016, 7, 60-69.	3.0	50
45	Oxidation of ammonia using PtRh/C electrocatalysts: Fuel cell and electrochemical evaluation. <i>Applied Catalysis B: Environmental</i> , 2015, 174-175, 136-144.	20.2	85
46	Electrochemical incineration of the antibiotic ciprofloxacin in sulfate medium and synthetic urine matrix. <i>Water Research</i> , 2015, 83, 31-41.	11.3	159
47	Binary and ternary palladium based electrocatalysts for alkaline direct glycerol fuel cell. <i>Journal of Power Sources</i> , 2015, 293, 823-830.	7.8	63
48	Degradation of Evans Blue diazo dye by electrochemical processes based on Fenton's reaction chemistry. <i>Journal of Electroanalytical Chemistry</i> , 2015, 747, 1-11.	3.8	66
49	Carbon-supported TiO <sub>2</sub> @Au hybrids as catalysts for the electrogeneration of hydrogen peroxide: Investigating the effect of TiO <sub>2</sub> shape. <i>Journal of Catalysis</i> , 2015, 326, 100-106.	6.2	45
50	Self-assembled films based on polyaniline/multiwalled carbon nanotubes composites and sulphonated polystyrene deposited onto ITO substrates. <i>Synthetic Metals</i> , 2015, 210, 186-191.	3.9	11
51	Palladium and palladium-tin supported on multi wall carbon nanotubes or carbon for alkaline direct ethanol fuel cell. <i>Journal of Power Sources</i> , 2015, 275, 189-199.	7.8	91
52	Glycerol Electrooxidation in Alkaline Medium Using Pd/C, Au/C and PdAu/C Electrocatalysts Prepared by Electron Beam Irradiation. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	11
53	Use of a vanadium nanostructured material for hydrogen peroxide electrogeneration. <i>Journal of Electroanalytical Chemistry</i> , 2014, 719, 127-132.	3.8	48
54	Investigation of PdIr/C electrocatalysts as anode on the performance of direct ammonia fuel cell. <i>Journal of Power Sources</i> , 2014, 268, 129-136.	7.8	69

#	ARTICLE	IF	CITATIONS
55	Ethanol Oxidation Reaction Using PtSn/C+Ce/C Electrocatalysts: Aspects of Ceria Contribution. <i>Electrochimica Acta</i> , 2014, 117, 292-298.	5.2	17
56	Medicinal Electrochemistry: Integration of Electrochemistry, Medicinal Chemistry and Computational Chemistry. <i>Current Medicinal Chemistry</i> , 2014, 21, 2266-2275.	2.4	11
57	XIX Brazilian Symposium on Electrochemistry and Electroanalytical Chemistry (XIX-SIBEE). <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	0
58	Influence of the preparation method and the support on H <sub>2</sub> O <sub>2</sub> electrogeneration using cerium oxide nanoparticles. <i>Electrochimica Acta</i> , 2013, 111, 339-343.	5.2	42
59	Degradation of dipyrone via advanced oxidation processes using a cerium nanostructured electrocatalyst material. <i>Applied Catalysis A: General</i> , 2013, 462-463, 256-261.	4.3	36
60	Ethanol electro-oxidation in an alkaline medium using Pd/C, Au/C and PdAu/C electrocatalysts prepared by electron beam irradiation. <i>Electrochimica Acta</i> , 2013, 111, 455-465.	5.2	125
61	Synthesis and characterization of nanostructured electrocatalysts based on nickel and tin for hydrogen peroxide electrogeneration. <i>Electrochimica Acta</i> , 2013, 109, 245-251.	5.2	46
62	Low tungsten content of nanostructured material supported on carbon for the degradation of phenol. <i>Applied Catalysis B: Environmental</i> , 2013, 142-143, 479-486.	20.2	61
63	PtSnNi/C nanoparticle electrocatalysts for the ethanol oxidation reaction: Ni stability study. <i>Electrochimica Acta</i> , 2013, 96, 243-252.	5.2	44
64	Ethanol Oxidation Reaction on IrPtSn/C Electrocatalysts with low Pt Content. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	6
65	Nanomaterials for Energy Conversion and Storage. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-2.	2.7	12
66	Use of Gas Diffusion Electrode for the In Situ Generation of Hydrogen Peroxide in an Electrochemical Flow-By Reactor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 649-654.	3.7	108
67	Oxygen reduction reaction catalyzed by $\delta$ -MnO <sub>2</sub> : Influence of the crystalline structure on the reaction mechanism. <i>Electrochimica Acta</i> , 2012, 85, 423-431.	5.2	71
68	PtSnIr/C anode electrocatalysts: promoting effect in direct ethanol fuel cells. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1146-1153.	0.6	20
69	Low content cerium oxide nanoparticles on carbon for hydrogen peroxide electrosynthesis. <i>Applied Catalysis A: General</i> , 2012, 411-412, 1-6.	4.3	100
70	Degradação eletroquímica da vinhaça usando eletrodo de diamante dopado com boro. <i>Quimica Nova</i> , 2011, 34, 1517-1520.	0.3	2
71	Ethanol electrooxidation using Ti/(RuO <sub>2</sub> ) <sub>x</sub> Pt(1-x) electrodes prepared by the polymeric precursor method. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 1709-1717.	0.6	11
72	Tellurium underpotential deposited ad-atoms on Au electrodes: A new electrodeposition mechanism using an electrochemical quartz crystal nanobalance. <i>Electrochimica Acta</i> , 2011, 58, 1-5.	5.2	9

#	ARTICLE	IF	CITATIONS
73	PtSn/C alloyed and non-alloyed materials: Differences in the ethanol electro-oxidation reaction pathways. <i>Applied Catalysis B: Environmental</i> , 2011, 110, 141-147.	20.2	76
74	PtSnCe/C electrocatalysts for ethanol oxidation: DEFC and FTIR <i>in-situ</i> studies. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 11519-11527.	7.1	55
75	PdBi/C electrocatalysts for ethanol electro-oxidation in alkaline medium. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 10522-10526.	7.1	73
76	PtRuTiO <sub>2</sub> photoelectrocatalysts for methanol oxidation. <i>Journal of Power Sources</i> , 2011, 196, 872-876.	7.8	60
77	Ethanol Electro-oxidation on Pt/C Electrocatalysts: An <i>In Situ</i> Raman Spectroelectrochemical Study. <i>Electrocatalysis</i> , 2011, 2, 28-34.	3.0	32
78	Ethanol Electrooxidation on Bi Submonolayers Deposited on a Pt Electrode. <i>Electrocatalysis</i> , 2011, 2, 224-230.	3.0	5
79	A comparative study of the electrogeneration of hydrogen peroxide using Vulcan and Printex carbon supports. <i>Carbon</i> , 2011, 49, 2842-2851.	10.3	161
80	PtSnCe/C and PtSnIr/C Electrocatalysts for Ethanol Oxidation: DEFC and <i>In Situ</i> FTIR studies. <i>ECS Transactions</i> , 2011, 41, 1293-1298.	0.5	1
81	The Mechanism for Ethanol Oxidation Reaction on SnO <sub>2</sub> @Pt/C Core Shell Electrocatalyst. <i>ECS Transactions</i> , 2011, 41, 2231-2236.	0.5	0
82	Comparative Studies of Oxygen Reduction Reaction and Ethanol Oxidation Reaction on PtSn/C and PtNi/C Catalysts. <i>ECS Transactions</i> , 2011, 41, 1299-1306.	0.5	2
83	Ethanol oxidation reactions using SnO <sub>2</sub> @Pt/C as an electrocatalyst. <i>Applied Catalysis B: Environmental</i> , 2010, 99, 265-271.	20.2	79
84	Study of ethanol electro-oxidation in acid environment on Pt <sub>3</sub> Sn/C anode catalysts prepared by a modified polymeric precursor method under controlled synthesis conditions. <i>Journal of Power Sources</i> , 2010, 195, 1589-1593.	7.8	70
85	Copper underpotential deposition on TiO <sub>2</sub> electrodes: A voltammetric and electrochemical quartz crystal nanobalance study. <i>Thin Solid Films</i> , 2010, 518, 2669-2673.	1.8	3
86	Reaproveitamento de $\text{Mn}^{3+}$ xidos de manganês de pilhas descartadas para eletrocatalise da reação de redução de oxigênio em meio básico. <i>Quimica Nova</i> , 2010, 33, 730-733.	0.3	5
87	DFT and electrochemical studies on nortriptyline oxidation sites. <i>Journal of Molecular Modeling</i> , 2009, 15, 945-952.	1.8	12
88	Ethanol oxidation reaction on PtCeO <sub>2</sub> /C electrocatalysts prepared by the polymeric precursor method. <i>Applied Catalysis B: Environmental</i> , 2009, 91, 516-523.	20.2	56
89	Electrochemical oxidation of benzene on boron-doped diamond electrodes. <i>Chemosphere</i> , 2007, 66, 2152-2158.	8.2	73
90	A voltammetric and nanogravimetric study of ZnSe electrodeposition from an acid bath containing Zn(II) and Se(IV). <i>Thin Solid Films</i> , 2007, 515, 6860-6866.	1.8	24

#	ARTICLE	IF	CITATIONS
91	Nanogravimetric studies of tungsten oxide thin films obtained by the polymeric precursor method. <i>Thin Solid Films</i> , 2007, 515, 7155-7161.	1.8	3
92	Electrocatalysis of methanol, ethanol and formic acid using a Ru/Pt metallic bilayer. <i>Journal of Power Sources</i> , 2007, 163, 695-701.	7.8	45
93	Methanol oxidation reaction on Ti/RuO <sub>2</sub> (x)Pt(1- $\hat{\sim}$ x) electrodes prepared by the polymeric precursor method. <i>Journal of Power Sources</i> , 2007, 171, 373-380.	7.8	21
94	Use of Graphite Polyurethane Composite Electrode for Imipramine Oxidation – Mechanism Proposal and Electroanalytical Determination. <i>Analytical Letters</i> , 2006, 39, 507-520.	1.8	40
95	A nanogravimetric investigation of the charging processes on ruthenium oxide thin films and their effect on methanol oxidation. <i>Applied Surface Science</i> , 2006, 253, 1817-1822.	6.1	20
96	Ethanol oxidation using a metallic bilayer Rh/Pt deposited over Pt as electrocatalyst. <i>Journal of Power Sources</i> , 2006, 157, 212-216.	7.8	25
97	Methanol and ethanol electrooxidation using Pt electrodes prepared by the polymeric precursor method. <i>Journal of Power Sources</i> , 2006, 158, 164-168.	7.8	53
98	A model for the flux of the species generated during the electrodisolution of a copper-nickel alloy on Pt in acidic media. <i>Surface and Coatings Technology</i> , 2006, 200, 2990-2994.	4.8	3
99	Preparation of Pt thin film electrodes using the Pechini method. <i>Materials Letters</i> , 2006, 60, 1906-1910.	2.6	36
100	A microgravimetric study of simultaneous adsorption of anions and copper on polycrystalline Pt surfaces. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1339-1346.	0.6	6
101	The use of a metallic bilayer for the oxidation of small organic molecules. <i>Journal of Electroanalytical Chemistry</i> , 2005, 575, 177-182.	3.8	37
102	Electrochemical behavior of Ni particles modified polypyrrole films studied by EQCN technique. <i>Journal of Electroanalytical Chemistry</i> , 2005, 583, 162-166.	3.8	10
103	Electrochemical and mass variation behaviour of rhodium oxide electrodes prepared by the polymeric precursor method. <i>Thin Solid Films</i> , 2005, 483, 164-168.	1.8	4
104	A voltammetric and nanogravimetric study of Te underpotential deposition on Pt in perchloric acid medium. <i>Electrochimica Acta</i> , 2005, 50, 2289-2295.	5.2	17
105	Determination of dopamine in synthetic cerebrospinal fluid by SWV with a graphite-polyurethane composite electrode. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 1161-1166.	3.7	55
106	Microgravimetric and voltammetric study of Zn underpotential deposition on platinum in alkaline medium. <i>Surface Science</i> , 2005, 579, 58-64.	1.9	4
107	An EQCM investigation of charging RuO <sub>2</sub> thin films prepared by the polymeric precursor method. <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 91-95.	2.5	34
108	Estudo eletroquímico e químico-quântico da oxidação do antidepressivo tricíclico amitriptilina. <i>Química Nova</i> , 2005, 28, 456-461.	0.3	18



#	ARTICLE	IF	CITATIONS
109	Electrochemical Behavior of Nicotine Studied by Voltammetric Techniques at Boron-Doped Diamond Electrodes. <i>Analytical Letters</i> , 2005, 38, 1587-1599.	1.8	64
110	Electrogravimetric investigation of formaldehyde oxidation at Pt electrodes in acidic media. <i>Electrochimica Acta</i> , 2004, 49, 1893-1901.	5.2	37
111	Microgravimetric, rotating ring-disc and voltammetric studies of the underpotential deposition of selenium on polycrystalline platinum electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2004, 567, 203-210.	3.8	56
112	Rh electrodeposition on Pt in acidic medium: a study using cyclic voltammetry and an electrochemical quartz crystal microbalance. <i>Journal of Electroanalytical Chemistry</i> , 2004, 569, 233-240.	3.8	50
113	The underpotential deposition of Sn on Pt in acid media. Cyclic voltammetric and electrochemical quartz crystal microbalance studies. <i>Electrochimica Acta</i> , 2003, 48, 2607-2614.	5.2	26
114	Microgravimetric studies of silver electrocrystallization on polycrystalline gold surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2003, 547, 53-59.	3.8	4
115	Voltammetric and rotating ring-disk studies of the influence of anions in the underpotential deposition of zinc on platinum. <i>Journal of the Brazilian Chemical Society</i> , 2002, 13, 529-534.	0.6	15
116	Estudos da deposição em subtenção de cádmio sobre ouro policristalino na presença de diferentes ânions co-adsorvidos. <i>Química Nova</i> , 2001, 24, 465-472.	0.3	4
117	Study of anion adsorption on polycrystalline Pt by electrochemical quartz crystal microbalance. <i>Electrochemistry Communications</i> , 2000, 2, 692-696.	4.7	115
118	Estudos da eletrodeposição de metais em regime de subtenção. <i>Química Nova</i> , 2000, 23, 392-400.	0.3	4
119	Voltammetric and rotating ring-disk studies of underpotential deposition of Ag and Cu on polycrystalline Au electrodes in aqueous H <sub>2</sub> SO <sub>4</sub> . <i>Electrochimica Acta</i> , 1998, 43, 2263-2272.	5.2	45
120	Electrochemical deposition of the first Cd monolayer on polycrystalline Pt and Au electrodes: an Upd study. <i>Journal of the Brazilian Chemical Society</i> , 1998, 9, 211.	0.6	7
121	Underpotential deposition of silver on polycrystalline platinum studied by cyclic voltammetry and rotating ring-disc techniques. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 3999-4003.	1.7	24
122	Addition of CeO <sub>2</sub> Nanorods in PtSn-Based Electrocatalysts for Ethanol Electrochemical Oxidation in Acid Medium. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
123	Hydrogen Peroxide Electrogenation by Gas Diffusion Electrode Modified With Tungsten Oxide Nanoparticles for Degradation of Orange II and Sunset Yellow FCF Azo Dyes. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3