

LÃ³cia Helena Mascaro

List of Publications by Year in descending order

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134
papers

3,020
citations

159358

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138
docs citations

138
times ranked

3670
citing authors

#	ARTICLE	IF	CITATIONS
1	UV-Vis spectrophotometry coupled to chemometric analysis for the performance evaluation of atrazine photolysis and photocatalysis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 24010-24023.	2.7	8
2	Improved Photoelectrochemical Hydrogen Gas Generation on Sb ₂ S ₃ Films Modified with an Earth-Abundant MoS _x Co-Catalyst. <i>ACS Applied Energy Materials</i> , 2022, 5, 1010-1022.	2.5	7
3	The Substrate Morphology Effect for Sulfur-Rich Amorphous Molybdenum Sulfide for Electrochemical Hydrogen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , 2022, 169, 026519.	1.3	5
4	All-solution processed CuGaS ₂ -based photoelectrodes for CO ₂ reduction. <i>Journal of CO₂ Utilization</i> , 2022, 57, 101902.	3.3	8
5	Phase control and optimization of photocatalytic properties of samarium doped TiO ₂ synthesized by coupled ultraviolet and microwave radiations. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164217.	2.8	11
6	One-step preparation of Co ₂ V ₂ O ₇ : synthesis and application as Fenton-like catalyst in gas diffusion electrode. <i>Physical Chemistry Chemical Physics</i> , 2022, , .	1.3	1
7	CuWO ₄ MnWO ₄ heterojunction thin film with improved photoelectrochemical and photocatalytic properties using simulated solar irradiation. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 997-1011.	1.2	11
8	Nickel-modified polymeric carbon nitride for improving TiO ₂ -based photoanode: photoelectrocatalytic evaluation and mechanistical insights. <i>Materials Today Nano</i> , 2022, 18, 100192.	2.3	5
9	A critical view of the contributions of photoelectrochemical technology to pharmaceutical degradation. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107859.	3.3	5
10	Ammonia production from nitrogen under simulated solar irradiation, low overpotential, and mild conditions. <i>Electrochimica Acta</i> , 2022, 421, 140475.	2.6	3
11	Current trending and beyond for solar-driven water splitting reaction on WO ₃ photoanodes. <i>Journal of Energy Chemistry</i> , 2022, 73, 88-113.	7.1	35
12	The influence of metallic Bi in BiVO ₄ semiconductor for artificial photosynthesis. <i>Journal of Alloys and Compounds</i> , 2021, 851, 156912.	2.8	19
13	Novel onion-like carbon structures modified with iron oxide as photocatalysts for the degradation of persistent pollutants. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104934.	3.3	15
14	Semiconductor photoelectroanalysis and photobioelectroanalysis: A perspective. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116154.	5.8	9
15	Impact of agro-industrial waste on steel corrosion susceptibility in media simulating concrete pore solutions. <i>Journal of Cleaner Production</i> , 2021, 284, 124697.	4.6	10
16	Enhancement of photocurrent response for self-ordered Nb ₂ O ₅ nanotubes synthesized at room temperature. <i>Journal of Materials Science</i> , 2021, 56, 2088-2102.	1.7	4
17	SiO ₂ -Ag Composite as a Highly Virucidal Material: A Roadmap that Rapidly Eliminates SARS-CoV-2. <i>Nanomaterials</i> , 2021, 11, 638.	1.9	41
18	Photoelectrodeposition of Pt nanoparticles on Sb ₂ Se ₃ photocathodes for enhanced water splitting. <i>Electrochimica Acta</i> , 2021, 382, 138290.	2.6	11

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19	PVC-SiO ₂ -Ag composite as a powerful biocide and anti-SARS-CoV-2 material. Journal of Polymer Research, 2021, 28, 1.	1.2	15
20	Glycerol electro-oxidation at Pt in alkaline media: influence of mass transport and cations. Electrochimica Acta, 2021, 398, 139318.	2.6	11
21	Towards Highly Efficient Chalcopyrite Photocathodes for Water Splitting: The Use of Cocatalysts beyond Pt. ChemSusChem, 2021, 14, 4671-4679.	3.6	7
22	Bioactive Ag ₃ PO ₄ /Polypropylene Composites for Inactivation of SARS-CoV-2 and Other Important Public Health Pathogens. Journal of Physical Chemistry B, 2021, 125, 10866-10875.	1.2	10
23	Systematic review on lectin-based electrochemical biosensors for clinically relevant carbohydrates and glycoconjugates. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112148.	2.5	8
24	Reduction of CO ₂ by photoelectrochemical process using non-oxide two-dimensional nanomaterials – a review. ChemElectroChem, 2021, 8, 4305.	1.7	8
25	Artificial photosynthesis for alcohol and 3-C compound formation using BiVO ₄ -lamellar catalyst. Journal of CO ₂ Utilization, 2020, 36, 187-195.	3.3	16
26	Effect of copper addition on cobalt-molybdenum electrodeposited coatings for the hydrogen evolution reaction in alkaline medium. International Journal of Hydrogen Energy, 2020, 45, 33586-33597.	3.8	22
27	Catalysis of oxygen reduction reaction for H ₂ O ₂ electrogeneration: The impact of different conductive carbon matrices and their physicochemical properties. Journal of Catalysis, 2020, 392, 56-68.	3.1	29
28	All-Electrochemically Grown Sb ₂ Se ₃ /a-MoS _x Photocathodes for Hydrogen Production: The Effect of the MoS _x Layer on the Surface Recombination and Photocorrosion of Sb ₂ Se ₃ Films. ACS Applied Energy Materials, 2020, 3, 9799-9808.	2.5	15
29	Introducing a low-cost tool for 3D characterization of pitting corrosion in stainless steel. Journal of Solid State Electrochemistry, 2020, 24, 1909-1919.	1.2	6
30	Plasma Treatment: a Novel Approach to Improve the Photoelectroactivity of Sb ₂ S ₃ Thin Films to Water Splitting. ChemElectroChem, 2020, 7, 2325-2329.	1.7	10
31	Bi electrodeposition on WO ₃ photoanode to improve the photoactivity of the WO ₃ /BiVO ₄ heterostructure to water splitting. Chemical Engineering Journal, 2020, 399, 125836.	6.6	41
32	NiMo-NiCu Inexpensive Composite with High Activity for Hydrogen Evolution Reaction. ACS Applied Materials & Interfaces, 2020, 12, 17492-17501.	4.0	69
33	Improvement of electrodeposited Sb ₂ Se ₃ thin film photoelectroactivity by cobalt grain boundary modification. Journal of Materials Chemistry A, 2020, 8, 13742-13753.	5.2	17
34	CuO/NiOx thin film-based photocathodes for photoelectrochemical water splitting. Journal of Solid State Electrochemistry, 2020, 24, 1899-1908.	1.2	30
35	Effect of the electrodeposition potential on the photoelectroactivity of the SnS/Sb ₂ S ₃ thin films. Journal of Solid State Electrochemistry, 2020, 24, 389-399.	1.2	10
36	Lanthanum-Based Perovskites for Catalytic Oxygen Evolution Reaction. ChemElectroChem, 2020, 7, 3173-3192.	1.7	50

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37	Pt/Rh/Pt and Pt/Ru/Pt multilayers for the electrochemical oxidation of methanol and ethanol. <i>Electrochimica Acta</i> , 2020, 354, 136674.	2.6	12
38	A glassy carbon electrode modified with silver nanoparticles and functionalized multi-walled carbon nanotubes for voltammetric determination of the illicit growth promoter dienestrol in animal urine. <i>Mikrochimica Acta</i> , 2019, 186, 525.	2.5	6
39	Using a multiway chemometric tool in the evaluation of methanol electro-oxidation mechanism. <i>Journal of Electroanalytical Chemistry</i> , 2019, 855, 113598.	1.9	3
40	The critical effect of electrodes components mixing on efficiency of anode material for lithium-ion batteries. <i>Materials Today Communications</i> , 2019, 21, 100668.	0.9	2
41	Inexpensive methodology for obtaining flexible SnO ₂ -single-walled carbon nanotube composites for lithium-ion battery anodes. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 1861-1870.	1.2	5
42	Electrodeposition Conditions Effect Sb ₂ Se ₃ Thin Film Properties. <i>ChemElectroChem</i> , 2019, 6, 2937-2944.	1.7	17
43	Photoelectrochemical degradation of bisphenol A using Cu doped WO ₃ electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2019, 839, 123-133.	1.9	36
44	Double Pulse Electrodeposition of CuGaS ₂ Photovoltaic Thin Film. <i>ChemElectroChem</i> , 2019, 6, 2998-3001.	1.7	6
45	Effect of mass transport on the glycerol electro-oxidation. <i>Electrochimica Acta</i> , 2019, 296, 972-979.	2.6	29
46	Electrodeposition study of the Cu-Zn-Mo system in citrate/sulfate medium. <i>Eletica Quimica</i> , 2019, 44, 26.	0.2	1
47	Bismuth doping on CuGaS ₂ thin films: structural and optical properties. <i>MRS Communications</i> , 2018, 8, 504-508.	0.8	9
48	The iron oxyhydroxide role in the mediation of charge transfer for water splitting using bismuth vanadate photoanodes. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1539-1548.	1.2	11
49	Electrodeposition of Fe-doped Sb ₂ Se ₃ thin films for photoelectrochemical applications and study of the doping effects on their properties. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1557-1562.	1.2	17
50	A novel WO ₃ /MoS ₂ photocatalyst applied to the decolorization of the textile dye Reactive Blue 198. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1449-1458.	1.2	6
51	Residual Energy Harvesting from Light Transients Using Hematite as an Intrinsic Photocapacitor in a Symmetrical Cell. <i>ACS Applied Energy Materials</i> , 2018, 1, 38-42.	2.5	5
52	Synergic effect of silver nanoparticles and carbon nanotubes on the simultaneous voltammetric determination of hydroquinone, catechol, bisphenol A and phenol. <i>Mikrochimica Acta</i> , 2018, 185, 12.	2.5	111
53	Contrasting transient photocurrent characteristics for thin films of vacuum-doped grey TiO ₂ and grey Nb ₂ O ₅ . <i>Applied Catalysis B: Environmental</i> , 2018, 237, 339-352.	10.8	21
54	Photoelectrocatalytic reduction of nitrobenzene on Bi-doped CuGaS ₂ films. <i>Chemosphere</i> , 2018, 212, 79-86.	4.2	21

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55	Enhancing activity in a nanostructured BiVO ₄ photoanode with a coating of microporous Al ₂ O ₃ . Applied Catalysis B: Environmental, 2017, 200, 133-140.	10.8	26
56	Vacuum-annealing induces sub-surface redox-states in surfactant-structured $\hat{\pm}$ -Fe ₂ O ₃ photoanodes prepared by ink-jet printing. Applied Catalysis B: Environmental, 2017, 211, 289-295.	10.8	14
57	Microwave-Electrochemical Deposition of a Fe-Co Alloy with Catalytic Ability in Hydrogen Evolution. Electrochimica Acta, 2017, 235, 480-487.	2.6	19
58	Characterization of defects in copper antimony disulfide. Journal of Materials Chemistry A, 2017, 5, 21986-21993.	5.2	33
59	Thermal Treatment Effects on Electrodeposited Sb ₂ Se ₃ Photovoltaic Thin Films. ChemElectroChem, 2017, 4, 2507-2514.	1.7	21
60	High-Utilisation Nanoplatinum Catalyst (Pt@cPIM) Obtained via Vacuum Carbonisation in a Molecularly Rigid Polymer of Intrinsic Microporosity. Electrocatalysis, 2017, 8, 132-143.	1.5	12
61	Near-surface solution pH measurements during the pitting corrosion of AISI 1020 steel using a ring-shaped sensor. Journal of Electroanalytical Chemistry, 2016, 780, 379-385.	1.9	5
62	Solvent effects on the photoelectrochemical properties of WO ₃ and its application as dopamine sensor. Journal of Solid State Electrochemistry, 2016, 20, 2461-2470.	1.2	27
63	An experimental and theoretical study on the electronic and structural properties of CdSe@TiO ₂ nanotube arrays. Physical Chemistry Chemical Physics, 2016, 18, 26885-26893.	1.3	10
64	Effects of Thermochemical Treatment on CuSbS ₂ Photovoltaic Absorber Quality and Solar Cell Reproducibility. Journal of Physical Chemistry C, 2016, 120, 18377-18385.	1.5	67
65	Photoelectrocatalytic properties of BiVO ₄ prepared with different alcohol solvents. International Journal of Hydrogen Energy, 2016, 41, 17380-17389.	3.8	15
66	In situ characterization of naphthenic corrosion of API 5L X70 steel at room temperature. Fuel, 2016, 184, 648-655.	3.4	3
67	Optical and structural study of electrodeposited zinc selenide thin films. Journal of Electroanalytical Chemistry, 2016, 780, 360-366.	1.9	12
68	Electroanalysis of formetanate hydrochloride by a cobalt phthalocyanine functionalized multiwalled carbon nanotubes modified electrode: characterization and application in fruits. Electrochimica Acta, 2016, 194, 187-198.	2.6	27
69	GC electrode modified with carbon nanotubes and NiO for the simultaneous determination of bisphenol A, hydroquinone and catechol. Electrochimica Acta, 2016, 196, 48-55.	2.6	106
70	Influence of the different carbon nanotubes on the development of electrochemical sensors for bisphenol A. Materials Science and Engineering C, 2016, 58, 768-773.	3.8	33
71	Photoanodes on titanium substrates: one-step deposited BiVO ₄ versus two-step nano-V ₂ O ₅ films impregnated with Bi ³⁺ . Journal of Solid State Electrochemistry, 2016, 20, 273-283.	1.2	4
72	Thermal treatment improvement of CuSbS ₂ absorbers. , 2015, , .		4

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73	Insights into electrodegradation mechanism of tebuconazole pesticide on Bi-doped PbO ₂ electrodes. <i>Electrochimica Acta</i> , 2015, 154, 278-286.	2.6	39
74	Corrosion of AISI 1020 steel in crude oil studied by the electrochemical noise measurements. <i>Fuel</i> , 2015, 150, 325-333.	3.4	24
75	Glycerol as additive in copper indium gallium diselenide electrodeposition: morphological, structural and electronic effects. <i>RSC Advances</i> , 2015, 5, 18295-18300.	1.7	9
76	New application for the BiVO ₄ photoanode: A photoelectroanalytical sensor for nitrite. <i>Electrochemistry Communications</i> , 2015, 61, 1-4.	2.3	45
77	Development of a versatile rotating ring-disc electrode for in situ pH measurements. <i>Analytica Chimica Acta</i> , 2015, 897, 17-23.	2.6	23
78	One-step preparation of the BiVO ₄ film photoelectrode. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 31-35.	1.2	24
79	Carbon Nanotubes Modified with SnO ₂ Rods for Levofloxacin Detection. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	8
80	Multivariate linear regression with variable selection by a successive projections algorithm applied to the analysis of anodic stripping voltammetry data. <i>Electrochimica Acta</i> , 2014, 127, 68-78.	2.6	19
81	Modeling pitting corrosion by means of a 3D discrete stochastic model. <i>Corrosion Science</i> , 2014, 82, 133-144.	3.0	55
82	Diclofenac on Boron-Doped Diamond Electrode: From Electroanalytical Determination to Prediction of the Electrooxidation Mechanism with HPLC-ESI/HRMS and Computational Simulations. <i>Langmuir</i> , 2014, 30, 5645-5654.	1.6	24
83	The electrodeposition of Ga-doped CuInSe ₂ thin film in the presence of Triton 100-X. <i>Electrochimica Acta</i> , 2014, 147, 47-53.	2.6	7
84	Analysis of AISI 1020 steel corrosion in seawater by coupling electrochemical noise and optical microscopy. <i>Electrochimica Acta</i> , 2014, 124, 211-217.	2.6	39
85	Temporal series of micrographs coupled with electrochemical techniques to analyze pitting corrosion of AISI 1040 steel in carbonate and chloride solutions. <i>Electrochimica Acta</i> , 2014, 124, 143-149.	2.6	5
86	Optical Properties and Surface Morphology of ZnTe Thin films Prepared by Multiple Potential Steps. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	0
87	Electrochemical degradation of benzene in natural water using silver nanoparticle-decorated carbon nanotubes. <i>Materials Chemistry and Physics</i> , 2013, 141, 304-309.	2.0	17
88	Initial stages of corrosion pits on AISI 1040 steel in sulfide solution analyzed by temporal series micrographs coupled with electrochemical techniques. <i>Corrosion Science</i> , 2013, 76, 27-34.	3.0	27
89	Effects of Non-Complexing Additives on Electrodeposited Cu(InGa)Se ₂ (CIGSe) Thin Film. <i>ECS Transactions</i> , 2013, 58, 355-359.	0.3	0
90	Eletrodegradação de Ponceau 2R utilizando Ånodos dimensionalmente estáveis e Ti/Pt. <i>Quimica Nova</i> , 2013, 36, 85-90.	0.3	8

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91	Characterization and Optical Properties of ZnSe Thin Films Obtained by Electrodeposition Technique. ECS Transactions, 2012, 43, 211-216.	0.3	2
92	Carbon nanotubes modified with antimony nanoparticles: A novel material for electrochemical sensing. Electrochimica Acta, 2012, 85, 560-565.	2.6	35
93	Investigation of AISI 1040 steel corrosion in H ₂ S solution containing chloride ions by digital image processing coupled with electrochemical techniques. Corrosion Science, 2011, 53, 3193-3201.	3.0	42
94	Utiliza�o de eletrodos s�lidos de amalgama para a determina�o anal�tica de compostos org�nicos e inorg�nicos. Quimica Nova, 2011, 34, 487-496.	0.3	14
95	Temporal series micrographs coupled with polarization curves to study pit formation under anodic polarization. Electrochemistry Communications, 2011, 13, 1484-1487.	2.3	10
96	The effect of composition of solid silver amalgam electrodes on their electrochemical response. Journal of Solid State Electrochemistry, 2011, 15, 2023-2029.	1.2	19
97	The electrochemical effect of acid functionalisation of carbon nanotubes to be used in sensors development. Surface Science, 2011, 605, 435-440.	0.8	59
98	A Comparative Electrochemical Behaviour Study and Analytical Detection of the p-Nitrophenol Using Silver Solid Amalgam, Mercury, and Silver Electrodes. International Journal of Analytical Chemistry, 2011, 2011, 1-8.	0.4	16
99	Evaluation of Acetylcholinesterase Biosensor Based on Carbon Nanotube Paste in the Determination of Chlorphenvinphos. International Journal of Analytical Chemistry, 2011, 2011, 1-6.	0.4	14
100	Electrochemical Synthesis of Polyaniline/Poly- <i>o</i> -Aminophenol Copolymers in Chloride Medium. International Journal of Electrochemistry, 2011, 2011, 1-8.	2.4	12
101	Direct Electrochemical Determination of Glyphosate at Copper Phthalocyanine/Multiwalled Carbon Nanotube Film Electrodes. Electroanalysis, 2010, 22, 1586-1591.	1.5	38
102	Needle-like IrO/Ag combined pH microelectrode. Electrochemistry Communications, 2010, 12, 1703-1705.	2.3	10
103	Copper underpotential deposition on TiO ₂ electrodes: A voltammetric and electrochemical quartz crystal nanobalance study. Thin Solid Films, 2010, 518, 2669-2673.	0.8	3
104	Determination of epinephrine in urine using multi-walled carbon nanotube modified with cobalt phthalocyanine in a paraffin composite electrode. Sensors and Actuators B: Chemical, 2010, 148, 492-497.	4.0	82
105	A New Indirect Electroanalytical Method to Monitor the Contamination of Natural Waters with p-Nitrophenol Using Multiwall Carbon Nanotubes. Electroanalysis, 2009, 21, 1091-1098.	1.5	49
106	Electrodeposition of PbS multilayers on Ag(111) by ECALE. Journal of Applied Electrochemistry, 2009, 39, 2191-2197.	1.5	26
107	Direct electrochemical determination of carbaryl using a multi-walled carbon nanotube/cobalt phthalocyanine modified electrode. Talanta, 2009, 79, 1406-1411.	2.9	110
108	Electrocatalytic Behavior of Glassy Carbon Electrodes Modified with Multiwalled Carbon Nanotubes and Cobalt Phthalocyanine for Selective Analysis of Dopamine in Presence of Ascorbic Acid. Electroanalysis, 2008, 20, 851-857.	1.5	86

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109	Nucleation and growth of tin-zinc electrodeposits on a polycrystalline platinum electrode in tartaric acid. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 727-733.	0.6	14
110	Precipitation and surface polymerizations of aniline at different aniline:oxidizer molar ratios. <i>E-Polymers</i> , 2007, 7, .	1.3	1
111	Electrodeposition of PbS Multilayers on AG(111) by ECALE (Electrochemical Atomic Layer Epitaxy). <i>ECS Transactions</i> , 2007, 11, 279-286.	0.3	2
112	Investigation of the codeposition of Fe and Mo from sulphate-citrate acid solutions. <i>Journal of Alloys and Compounds</i> , 2007, 439, 342-345.	2.8	19
113	Electrocrystallisation of Fe-Ni alloys from chloride electrolytes. <i>Surface and Coatings Technology</i> , 2006, 201, 1752-1756.	2.2	39
114	Electrochemical nucleation of lead and copper on indium-tin oxide electrodes. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 238-243.	1.2	19
115	Characterisation of electrochemically deposited Ni-Mo alloy coatings. <i>Electrochemistry Communications</i> , 2004, 6, 543-548.	2.3	106
116	Electrocatalytic properties and electrochemical stability of polyaniline and polyaniline modified with platinum nanoparticles in formaldehyde medium. <i>Thin Solid Films</i> , 2004, 461, 243-249.	0.8	53
117	EIS characterization of a Ti-dental implant in artificial saliva media: dissolution process of the oxide barrier. <i>Journal of Electroanalytical Chemistry</i> , 2004, 568, 115-120.	1.9	78
118	Template carbon dispersed in polyaniline matrix electrodes: evaluation and application as electrochemical sensors to low concentrations of Cu ²⁺ and Pb ²⁺ . <i>Electrochemistry Communications</i> , 2003, 5, 983-988.	2.3	28
119	Electrodeposition of Ni-Mo and Fe-Mo alloys from sulfate-citrate acid solutions. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 556-563.	0.6	50
120	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
121	Analysis of the initial stages of electrocrystallization of Fe, Co and Fe-Co alloys in chloride solutions. <i>Journal of the Brazilian Chemical Society</i> , 2002, 13, 502.	0.6	25
122	Deposition of copper on passivated chromium. <i>Journal of Electroanalytical Chemistry</i> , 2000, 485, 81-85.	1.9	3
123	Estudos da eletrodeposição de metais em regime de subtensão. <i>Química Nova</i> , 2000, 23, 392-400.	0.3	4
124	Amorphous palladium-silicon alloys for the oxidation of formic acid and formaldehyde. A voltammetric investigation. <i>Journal of the Brazilian Chemical Society</i> , 1999, 10, 478-482.	0.6	14
125	Voltammetric and rotating ring-disk studies of underpotential deposition of Ag and Cu on polycrystalline Au electrodes in aqueous H ₂ SO ₄ . <i>Electrochimica Acta</i> , 1998, 43, 2263-2272.	2.6	45
126	An Electrochromic System Based on the Reversible Electrodeposition of Lead. <i>Journal of the Electrochemical Society</i> , 1997, 144, L273-L274.	1.3	17

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127	Determination of lateral interaction parameters for copper monolayers deposited on polycrystalline platinum. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 2577-2582.	1.7	4
128	Underpotential deposition of silver on polycrystalline platinum studied by cyclic voltammetry and rotating ring-disc techniques. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 3999-4003.	1.7	24
129	Active surface area determination of Pd-Si alloys by H-adsorption. Electrochimica Acta, 1997, 42, 493-495.	2.6	113
130	Electrochemical Deposition of the Single Phase $Tl_xCu_3 \cdot xSe_2$ Thin Films. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
131	Facile One-Step Electrodeposition Fabrication of Amorphous MoS_2 Catalysts in Titanium for Hydrogen Evolution Reaction. Journal of the Brazilian Chemical Society, 0, , .	0.6	6
132	UM SPIN COATER ARTESANAL BASEADO EM LIXO ELETRÔNICO: UMA ALTERNATIVA VERSÁTIL E DE BAIXO CUSTO. Quimica Nova, 0, , .	0.3	1
133	SISTEMA DE BAIXO CUSTO PARA EXECUÇÃO E MONITORAMENTO ON-LINE DE REAÇÕES FOTOCATALÍTICAS: APLICAÇÃO EM REDUÇÃO DE NITRO-FENOL. Quimica Nova, 0, , .	0.3	0
134	Boosting the Photocurrent of the $WO_3/BiVO_4$ Heterojunction by Photoelectrodeposition of the Oxy-Hydroxide-Phosphates Based on Co, Fe, or Ni. Journal of the Brazilian Chemical Society, 0, , .	0.6	1