

# LÃ³cia Helena Mascaro

## List of Publications by Year in descending order

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134  
papers

3,020  
citations

159358

30  
h-index

214527

47  
g-index

138  
all docs

138  
docs citations

138  
times ranked

3670  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active surface area determination of Pd-Si alloys by H-adsorption. <i>Electrochimica Acta</i> , 1997, 42, 493-495.	2.6	113
2	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
3	Direct electrochemical determination of carbaryl using a multi-walled carbon nanotube/cobalt phthalocyanine modified electrode. <i>Talanta</i> , 2009, 79, 1406-1411.	2.9	110
4	Characterisation of electrochemically deposited Ni-Mo alloy coatings. <i>Electrochemistry Communications</i> , 2004, 6, 543-548.	2.3	106
5	GC electrode modified with carbon nanotubes and NiO for the simultaneous determination of bisphenol A, hydroquinone and catechol. <i>Electrochimica Acta</i> , 2016, 196, 48-55.	2.6	106
6	Electrocatalytic Behavior of Glassy Carbon Electrodes Modified with Multiwalled Carbon Nanotubes and Cobalt Phthalocyanine for Selective Analysis of Dopamine in Presence of Ascorbic Acid. <i>Electroanalysis</i> , 2008, 20, 851-857.	1.5	86
7	Determination of epinephrine in urine using multi-walled carbon nanotube modified with cobalt phthalocyanine in a paraffin composite electrode. <i>Sensors and Actuators B: Chemical</i> , 2010, 148, 492-497.	4.0	82
8	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
9	Ni-Mo-NiCu Inexpensive Composite with High Activity for Hydrogen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 17492-17501.	4.0	69
10	Effects of Thermochemical Treatment on CuSb <sub>2</sub> Photovoltaic Absorber Quality and Solar Cell Reproducibility. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18377-18385.	1.5	67
11	The electrochemical effect of acid functionalisation of carbon nanotubes to be used in sensors development. <i>Surface Science</i> , 2011, 605, 435-440.	0.8	59
12	Modeling pitting corrosion by means of a 3D discrete stochastic model. <i>Corrosion Science</i> , 2014, 82, 133-144.	3.0	55
13	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
14	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
15	Lanthanum-Based Perovskites for Catalytic Oxygen Evolution Reaction. <i>ChemElectroChem</i> , 2020, 7, 3173-3192.	1.7	50
16	A New Indirect Electroanalytical Method to Monitor the Contamination of Natural Waters with 4-Nitrophenol Using Multiwall Carbon Nanotubes. <i>Electroanalysis</i> , 2009, 21, 1091-1098.	1.5	49
17	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.	2.6	45
18	New application for the BiVO <sub>4</sub> photoanode: A photoelectroanalytical sensor for nitrite. <i>Electrochemistry Communications</i> , 2015, 61, 1-4.	2.3	45

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19	Investigation of AISI 1040 steel corrosion in H <sub>2</sub> S solution containing chloride ions by digital image processing coupled with electrochemical techniques. <i>Corrosion Science</i> , 2011, 53, 3193-3201.	3.0	42
20	Bi electrodeposition on WO <sub>3</sub> photoanode to improve the photoactivity of the WO <sub>3</sub> /BiVO <sub>4</sub> heterostructure to water splitting. <i>Chemical Engineering Journal</i> , 2020, 399, 125836.	6.6	41
21	SiO <sub>2</sub> -Ag Composite as a Highly Virucidal Material: A Roadmap that Rapidly Eliminates SARS-CoV-2. <i>Nanomaterials</i> , 2021, 11, 638.	1.9	41
22	Electrocrystallisation of Fe-Ni alloys from chloride electrolytes. <i>Surface and Coatings Technology</i> , 2006, 201, 1752-1756.	2.2	39
23	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
24	Insights into electrodegradation mechanism of tebuconazole pesticide on Bi-doped PbO <sub>2</sub> electrodes. <i>Electrochimica Acta</i> , 2015, 154, 278-286.	2.6	39
25	Direct Electrochemical Determination of Glyphosate at Copper Phthalocyanine/Multiwalled Carbon Nanotube Film Electrodes. <i>Electroanalysis</i> , 2010, 22, 1586-1591.	1.5	38
26	Photoelectrochemical degradation of bisphenol A using Cu doped WO <sub>3</sub> electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2019, 839, 123-133.	1.9	36
27	Carbon nanotubes modified with antimony nanoparticles: A novel material for electrochemical sensing. <i>Electrochimica Acta</i> , 2012, 85, 560-565.	2.6	35
28	Current trending and beyond for solar-driven water splitting reaction on WO <sub>3</sub> photoanodes. <i>Journal of Energy Chemistry</i> , 2022, 73, 88-113.	7.1	35
29	Influence of the different carbon nanotubes on the development of electrochemical sensors for bisphenol A. <i>Materials Science and Engineering C</i> , 2016, 58, 768-773.	3.8	33
30	Characterization of defects in copper antimony disulfide. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21986-21993.	5.2	33
31	CuO/NiOx thin film-based photocathodes for photoelectrochemical water splitting. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1899-1908.	1.2	30
32	Effect of mass transport on the glycerol electro-oxidation. <i>Electrochimica Acta</i> , 2019, 296, 972-979.	2.6	29
33	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.	3.1	29
34	Template carbon dispersed in polyaniline matrix electrodes: evaluation and application as electrochemical sensors to low concentrations of Cu <sup>2+</sup> and Pb <sup>2+</sup> . <i>Electrochemistry Communications</i> , 2003, 5, 983-988.	2.3	28
35	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
36	Solvent effects on the photoelectrochemical properties of WO <sub>3</sub> and its application as dopamine sensor. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2461-2470.	1.2	27

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37	Electroanalysis of formetanate hydrochloride by a cobalt phthalocyanine functionalized multiwalled carbon nanotubes modified electrode: characterization and application in fruits. <i>Electrochimica Acta</i> , 2016, 194, 187-198.	2.6	27
38	Electrodeposition of PbS multilayers on Ag(111) by ECALE. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 2191-2197.	1.5	26
39	Enhancing activity in a nanostructured BiVO <sub>4</sub> photoanode with a coating of microporous Al <sub>2</sub> O <sub>3</sub> . <i>Applied Catalysis B: Environmental</i> , 2017, 200, 133-140.	10.8	26
40	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
41	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
42	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
43	Corrosion of AISI 1020 steel in crude oil studied by the electrochemical noise measurements. <i>Fuel</i> , 2015, 150, 325-333.	3.4	24
44	One-step preparation of the BiVO <sub>4</sub> film photoelectrode. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 31-35.	1.2	24
45	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
46	Effect of copper addition on cobalt-molybdenum electrodeposited coatings for the hydrogen evolution reaction in alkaline medium. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 33586-33597.	3.8	22
47	Thermal Treatment Effects on Electrodeposited Sb <sub>2</sub> Se <sub>3</sub> Photovoltaic Thin Films. <i>ChemElectroChem</i> , 2017, 4, 2507-2514.	1.7	21
48	Contrasting transient photocurrent characteristics for thin films of vacuum-doped $\text{Nb}^{5+}$ -TiO <sub>2</sub> and $\text{Nb}^{5+}$ -Nb <sub>2</sub> O <sub>5</sub> . <i>Applied Catalysis B: Environmental</i> , 2018, 237, 339-352.	10.8	21
49	Photoelectrocatalytic reduction of nitrobenzene on Bi-doped CuGaS <sub>2</sub> films. <i>Chemosphere</i> , 2018, 212, 79-86.	4.2	21
50	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
51	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
52	The effect of composition of solid silver amalgam electrodes on their electrochemical response. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 2023-2029.	1.2	19
53	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
54	Microwave-Electrochemical Deposition of a Fe-Co Alloy with Catalytic Ability in Hydrogen Evolution. <i>Electrochimica Acta</i> , 2017, 235, 480-487.	2.6	19

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55	The influence of metallic Bi in BiVO <sub>4</sub> semiconductor for artificial photosynthesis. Journal of Alloys and Compounds, 2021, 851, 156912.	2.8	19
56	An Electrochromic System Based on the Reversible Electrodeposition of Lead. Journal of the Electrochemical Society, 1997, 144, L273-L274.	1.3	17
57	Electrochemical degradation of benzene in natural water using silver nanoparticle-decorated carbon nanotubes. Materials Chemistry and Physics, 2013, 141, 304-309.	2.0	17
58	Electrodeposition of Fe-doped Sb <sub>2</sub> Se <sub>3</sub> thin films for photoelectrochemical applications and study of the doping effects on their properties. Journal of Solid State Electrochemistry, 2018, 22, 1557-1562.	1.2	17
59	Electrodeposition Conditions Effect Sb <sub>2</sub> Se <sub>3</sub> Thin-Film Properties. ChemElectroChem, 2019, 6, 2937-2944.	1.7	17
60	Improvement of electrodeposited Sb <sub>2</sub> Se <sub>3</sub> thin film photoelectroactivity by cobalt grain boundary modification. Journal of Materials Chemistry A, 2020, 8, 13742-13753.	5.2	17
61	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
62	Artificial photosynthesis for alcohol and 3-C compound formation using BiVO <sub>4</sub> -lamellar catalyst. Journal of CO <sub>2</sub> Utilization, 2020, 36, 187-195.	3.3	16
63	Voltammetric and rotating ring-disk studies of the influence of anions in the underpotential deposition of zinc on platinum. Journal of the Brazilian Chemical Society, 2002, 13, 529-534.	0.6	15
64	Photoelectrocatalytic properties of BiVO <sub>4</sub> prepared with different alcohol solvents. International Journal of Hydrogen Energy, 2016, 41, 17380-17389.	3.8	15
65	All-Electrochemically Grown Sb <sub>2</sub> Se <sub>3</sub> /a-MoS <sub>x</sub> Photocathodes for Hydrogen Production: The Effect of the MoS <sub>x</sub> Layer on the Surface Recombination and Photocorrosion of Sb <sub>2</sub> Se <sub>3</sub> Films. ACS Applied Energy Materials, 2020, 3, 9799-9808.	2.5	15
66	Novel onion-like carbon structures modified with iron oxide as photocatalysts for the degradation of persistent pollutants. Journal of Environmental Chemical Engineering, 2021, 9, 104934.	3.3	15
67	PVC-SiO <sub>2</sub> -Ag composite as a powerful biocide and anti-SARS-CoV-2 material. Journal of Polymer Research, 2021, 28, 1.	1.2	15
68	Amorphous palladium-silicon alloys for the oxidation of formic acid and formaldehyde. A voltammetric investigation. Journal of the Brazilian Chemical Society, 1999, 10, 478-482.	0.6	14
69	Nucleation and growth of tin-zinc electrodeposits on a polycrystalline platinum electrode in tartaric acid. Journal of the Brazilian Chemical Society, 2008, 19, 727-733.	0.6	14
70	UtilizaÃ§Ã£o de eletrodos sÃ³lidos de amÃ¡lgama para a determinaÃ§Ã£o analÃ©tica de compostos orgÃ¢nicos e inorgÃ¢nicos. Quimica Nova, 2011, 34, 487-496.	0.3	14
71	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
72	Vacuum-annealing induces sub-surface redox-states in surfactant-structured Î±-Fe <sub>2</sub> O <sub>3</sub> photoanodes prepared by ink-jet printing. Applied Catalysis B: Environmental, 2017, 211, 289-295.	10.8	14

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73	Electrochemical Synthesis of Polyaniline/Poly-<i>O</i>-Aminophenol Copolymers in Chloride Medium. International Journal of Electrochemistry, 2011, 2011, 1-8.	2.4	12
74	Optical and structural study of electrodeposited zinc selenide thin films. Journal of Electroanalytical Chemistry, 2016, 780, 360-366.	1.9	12
75	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
76	Pt/Rh/Pt and Pt/Ru/Pt multilayers for the electrochemical oxidation of methanol and ethanol. Electrochimica Acta, 2020, 354, 136674.	2.6	12
77	The iron oxyhydroxide role in the mediation of charge transfer for water splitting using bismuth vanadate photoanodes. Journal of Solid State Electrochemistry, 2018, 22, 1539-1548.	1.2	11
78	Photoelectrodeposition of Pt nanoparticles on Sb <sub>2</sub> Se <sub>3</sub> photocathodes for enhanced water splitting. Electrochimica Acta, 2021, 382, 138290.	2.6	11
79	Glycerol electro-oxidation at Pt in alkaline media: influence of mass transport and cations. Electrochimica Acta, 2021, 398, 139318.	2.6	11
80	Phase control and optimization of photocatalytic properties of samarium doped TiO <sub>2</sub> synthesized by coupled ultraviolet and microwave radiations. Journal of Alloys and Compounds, 2022, 905, 164217.	2.8	11
81	CuWO <sub>4</sub>  MnWO <sub>4</sub> heterojunction thin film with improved photoelectrochemical and photocatalytic properties using simulated solar irradiation. Journal of Solid State Electrochemistry, 2022, 26, 997-1011.	1.2	11
82	Needle-like IrO/Ag combined pH microelectrode. Electrochemistry Communications, 2010, 12, 1703-1705.	2.3	10
83	Temporal series micrographs coupled with polarization curves to study pit formation under anodic polarization. Electrochemistry Communications, 2011, 13, 1484-1487.	2.3	10
84	An experimental and theoretical study on the electronic and structural properties of CdSe@TiO <sub>2</sub> nanotube arrays. Physical Chemistry Chemical Physics, 2016, 18, 26885-26893.	1.3	10
85	Plasma Treatment: a Novel Approach to Improve the Photoelectroactivity of Sb <sub>2</sub> S <sub>3</sub> Thin Films to Water Splitting. ChemElectroChem, 2020, 7, 2325-2329.	1.7	10
86	Effect of the electrodeposition potential on the photoelectroactivity of the SnS/Sb <sub>2</sub> S <sub>3</sub> thin films. Journal of Solid State Electrochemistry, 2020, 24, 389-399.	1.2	10
87	Impact of agro-industrial waste on steel corrosion susceptibility in media simulating concrete pore solutions. Journal of Cleaner Production, 2021, 284, 124697.	4.6	10
88	Bioactive Ag <sub>3</sub> PO <sub>4</sub> /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
89	Glycerol as additive in copper indium gallium diselenide electrodeposition: morphological, structural and electronic effects. RSC Advances, 2015, 5, 18295-18300.	1.7	9
90	Bismuth doping on CuGaS <sub>2</sub> thin films: structural and optical properties. MRS Communications, 2018, 8, 504-508.	0.8	9

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91	Semiconductor photoelectroanalysis and photobioelectroanalysis: A perspective. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116154.	5.8	9
92	Carbon Nanotubes Modified with SnO <sub>2</sub> Rods for Levofloxacin Detection. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	8
93	Systematic review on lectin-based electrochemical biosensors for clinically relevant carbohydrates and glycoconjugates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112148.	2.5	8
94	Eletrodegradação de Ponceau 2R utilizando Ånodos dimensionalmente estáveis e Ti/Pt. <i>Quimica Nova</i> , 2013, 36, 85-90.	0.3	8
95	Reduction of CO <sub>2</sub> by photoelectrochemical process using non-oxide two-dimensional nanomaterials – a review. <i>ChemElectroChem</i> , 2021, 8, 4305.	1.7	8
96	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
97	All-solution processed CuGaS <sub>2</sub> -based photoelectrodes for CO <sub>2</sub> reduction. <i>Journal of CO<sub>2</sub> Utilization</i> , 2022, 57, 101902.	3.3	8
98	The electrodeposition of Ga-doped CuInSe <sub>2</sub> thin film in the presence of Triton 100-X. <i>Electrochimica Acta</i> , 2014, 147, 47-53.	2.6	7
99	Towards Highly Efficient Chalcopyrite Photocathodes for Water Splitting: The Use of Cocatalysts beyond Pt. <i>ChemSusChem</i> , 2021, 14, 4671-4679.	3.6	7
100	Improved Photoelectrochemical Hydrogen Gas Generation on Sb <sub>2</sub> S <sub>3</sub> Films Modified with an Earth-Abundant MoS <sub>x</sub> Co-Catalyst. <i>ACS Applied Energy Materials</i> , 2022, 5, 1010-1022.	2.5	7
101	A novel WO <sub>3</sub> /MoS <sub>2</sub> 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
102	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
103	Facile One-Step Electrodeposition Fabrication of Amorphous MoS <sub>2</sub> Catalysts in Titanium for Hydrogen Evolution Reaction. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	6
104	Double-Pulse Electrodeposition of CuGaS <sub>2</sub> Photovoltaic Thin Film. <i>ChemElectroChem</i> , 2019, 6, 2998-3001.	1.7	6
105	Introducing a low-cost tool for 3D characterization of pitting corrosion in stainless steel. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1909-1919.	1.2	6
106	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
107	Near-surface solution pH measurements during the pitting corrosion of AISI 1020 steel using a ring-shaped sensor. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 379-385.	1.9	5
108	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



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109	Inexpensive methodology for obtaining flexible SnO <sub>2</sub> -single-walled carbon nanotube composites for lithium-ion battery anodes. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 1861-1870.	1.2	5
110	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
111	Nickel-modified polymeric carbon nitride for improving TiO <sub>2</sub> -based photoanode: photoelectrocatalytical evaluation and mechanistical insights. <i>Materials Today Nano</i> , 2022, 18, 100192.	2.3	5
112	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
113	Determination of lateral interaction parameters for copper monolayers deposited on polycrystalline platinum. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 2577-2582.	1.7	4
114	Estudos da eletrodeposio de metais em regime de subtenso. <i>Quimica Nova</i> , 2000, 23, 392-400.	0.3	4
115	Thermal treatment improvement of CuSbS <sub>2</sub> absorbers. , 2015, , .		4
116	Photoanodes on titanium substrates: one-step deposited BiVO <sub>4</sub> versus two-step nano-V <sub>2</sub> O <sub>5</sub> films impregnated with Bi <sup>3+</sup> . <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 273-283.	1.2	4
117	Enhancement of photocurrent response for self-ordered Nb <sub>2</sub> O <sub>5</sub> nanotubes synthesized at room temperature. <i>Journal of Materials Science</i> , 2021, 56, 2088-2102.	1.7	4
118	Deposition of copper on passivated chromium. <i>Journal of Electroanalytical Chemistry</i> , 2000, 485, 81-85.	1.9	3
119	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.	0.8	3
120	In situ characterization of naphthenic corrosion of API 5L X70 steel at room temperature. <i>Fuel</i> , 2016, 184, 648-655.	3.4	3
121	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
122	Ammonia production from nitrogen under simulated solar irradiation, low overpotential, and mild conditions. <i>Electrochimica Acta</i> , 2022, 421, 140475.	2.6	3
123	Electrodeposition of PbS Multilayers on AG(111) by ECALE (Electrochemical Atomic Layer Epitaxy). <i>ECS Transactions</i> , 2007, 11, 279-286.	0.3	2
124	Characterization and Optical Properties of ZnSe Thin Films Obtained by Electrodeosition Technique. <i>ECS Transactions</i> , 2012, 43, 211-216.	0.3	2
125	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
126	Precipitation and surface polymerizations of aniline at different aniline:oxidizer molar ratios. <i>E-Polymers</i> , 2007, 7, .	1.3	1



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127	UM SPIN COATER ARTESANAL BASEADO EM LIXO ELETRÁ”NICO: UMA ALTERNATIVA VERSÁ”IL E DE BAIXO CUSTO. Quimica Nova, 0, , .	0.3	1
128	Electrodeposition study of the Cu-Zn-Mo system in citrate/sulfate medium. Ectetica Quimica, 2019, 44, 26.	0.2	1
129	Boosting the Photocurrent of the WO <sub>3</sub> /BiVO <sub>4</sub> Heterojunction by Photoelectrodeposition of the Oxy-Hydroxide-Phosphates Based on Co, Fe, or Ni. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
130	One-step preparation of Co <sub>2</sub> V <sub>2</sub> O <sub>7</sub> : synthesis and application as Fenton-like catalyst in gas diffusion electrode. Physical Chemistry Chemical Physics, 2022, , .	1.3	1
131	Effects of Non-Complexing Additives on Electrodeposited Cu(InGa)Se <sub>2</sub> (CIGSe) Thin Film. ECS Transactions, 2013, 58, 355-359.	0.3	0
132	Electrochemical Deposition of the Single Phase TlxCu <sub>3-x</sub> Se <sub>2</sub> Thin Films. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
133	SISTEMA DE BAIXO CUSTO PARA EXECUÁ”F O E MONITORAMENTO ON-LINE DE REAÁ”ES FOTOCATALÁ”ICAS: APLICAÁ”F O EM REDUÁ”F O DE NITRO-FENOL. Quimica Nova, 0, , .	0.3	0
134	Optical Properties and Surface Morphology of ZnTe Thin films Prepared by Multiple Potential Steps. Journal of the Brazilian Chemical Society, 2014, , .	0.6	0