

# Csar Tarley

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

199  
papers

4,524  
citations

36  
h-index

55  
g-index

212  
ext. papers

4,985  
ext. citations

4  
avg, IF

5.89  
L-index

#	Paper	IF	Citations
199	Preparation of magnetic nanoparticle-cholesterol imprinted polymer using semi-covalent imprinting approach for ultra-effective and highly selective cholesterol adsorption. <i>Reactive and Functional Polymers</i> , <b>2022</b> , 172, 105178	4.6	1
198	Ecofriendly Biosorbents Produced from Cassava Solid Wastes: Sustainable Technology for the Removal of Cd <sup>2+</sup> , Pb <sup>2+</sup> , and Cr <sup>total</sup> . <i>Adsorption Science and Technology</i> , <b>2022</b> , 2022, 1-18	3.6	1
197	Development of new electroanalytical method based on graphene oxide-modified glassy carbon electrode for mephedrone illicit drug determination <b>2022</b> , 43-56		0
196	Synthesis and performance of cross-linked poly(vinylpyridine-co-protoporphyrin) for effective cobalt determination using a micro-packed column hyphenated system coupled to FAAS. <i>Reactive and Functional Polymers</i> , <b>2021</b> , 164, 104934	4.6	1
195	Development of selective preconcentration/clean-up method for imidazolinone herbicides determination in natural water and rice samples by HPLC-PAD using an imazethapyr imprinted poly(vinylimidazole-TRIM). <i>Food Chemistry</i> , <b>2021</b> , 334, 127345	8.5	10
194	Visible Light Photoelectrochemical Sensor for Acetaminophen Determination using a Glassy Carbon Electrode Modified with BiVO <sub>4</sub> Nanoparticles. <i>Electroanalysis</i> , <b>2021</b> , 33, 663-671	3	0
193	Synthesis and Characterization of a Silica/Tungsten(VI) Oxide and Its Performance for the On-Line Solid-Phase Extraction (SPE) of Nickel Ions from Aqueous Media with Determination by Flame Atomic Absorption Spectrometry (FAAS). <i>Analytical Letters</i> , <b>2021</b> , 54, 1096-1111	2.2	1
192	Synthesis of novel poly(methacrylic acid)/ $\beta$ -cyclodextrin dual grafted MWCNT-based nanocomposite and its use as electrochemical sensing platform for highly selective determination of cocaine. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 880, 114791	4.1	5
191	Development of Electrochemical Platform Based on Molecularly Imprinted Poly(methacrylic acid) Grafted on Iniferter-modified Carbon Nanotubes for 17 $\beta$ -Estradiol Determination in Water Samples. <i>Electroanalysis</i> , <b>2021</b> , 33, 568-578	3	3
190	Combination of supramolecular solvent-based microextraction and ultrasound-assisted extraction for cadmium determination in flaxseed flour by thermospray flame furnace atomic absorption spectrometry. <i>Food Chemistry</i> , <b>2021</b> , 357, 129695	8.5	8
189	Bioaccessibility estimation of metallic macro and micronutrients Ca, Mg, Zn, Fe, Cu and Mn in flours of oat and passion fruit peel. <i>LWT - Food Science and Technology</i> , <b>2021</b> , 150, 111880	5.4	2
188	Magnetic restricted-access carbon nanotubes for the extraction/pre-concentration of organophosphates from food samples followed by spectrophotometric determination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 241, 118632	4.4	4
187	Structure and porosity of silicon oxycarbide/carbon black composites. <i>Materials Chemistry and Physics</i> , <b>2020</b> , 254, 123503	4.4	2
186	Assessment of in vitro bioaccessibility of macrominerals and trace elements in green banana flour. <i>Journal of Food Composition and Analysis</i> , <b>2020</b> , 92, 103586	4.1	5
185	Feasibility of a Nano-Carbon Black Paste Electrode for Simultaneous Voltammetric Determination of Antioxidants in Food Samples and Biodiesel in the Presence of Surfactant. <i>Electroanalysis</i> , <b>2020</b> , 32, 1198-1207	3	9
184	Development of a Molecularly Imprinted Poly(Acrylic Acid)-MWCNT Nanocomposite Electrochemical Sensor for Tramadol Determination in Pharmaceutical Samples. <i>Electroanalysis</i> , <b>2020</b> , 32, 1130-1137	3	5
183	Development of a reliable and selective voltammetric method for determination of designer drug 1-(3-chlorophenyl)piperazine (mCPP) using boron-doped diamond electrode and exploiting surfactant-mediated measurements. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 310, 127812	8.5	11

182	Development and multivariate optimization of nanostructured supramolecular liquid-liquid microextraction validated method for highly sensitive determination of methyl parathion in water samples. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 308, 113026	6	3
181	Climatology of hail in the triple border Paran�Santa Catarina (Brazil) and Argentina. <i>Atmospheric Research</i> , <b>2020</b> , 234, 104747	5.4	6
180	Electrospinning in the preparation of an electrochemical sensor based on carbon nanotubes. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 298, 112068	6	16
179	Magnetic restricted-access carbon nanotubes for dispersive solid phase extraction of organophosphates pesticides from bovine milk samples. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1102, 11-23	6.6	26
178	Performance of Avocado Seed Activated Carbon as Adsorbent for Highly Sensitive Determination of Cd Using a Flow Injection System Online Coupled to TS-FF-AAS. <i>Journal of the Brazilian Chemical Society</i> , <b>2020</b> ,	1.5	2
177	Design and performance of novel molecularly imprinted biomimetic adsorbent for preconcentration of prostate cancer biomarker coupled to electrochemical determination by using multi-walled carbon nanotubes/Nafion�/Ni(OH) <sub>2</sub> -modified screen-printed electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 876, 147103	4.1	7
176	Restricted access material-ion imprinted polymer-based method for on-line flow preconcentration of Cd <sup>2+</sup> prior to flame atomic absorption spectrometry determination. <i>Microchemical Journal</i> , <b>2020</b> , 157, 105022	4.8	2
175	Supramolecular microextraction combined with paper spray ionization mass spectrometry for sensitive determination of tricyclic antidepressants in urine. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1106, 52-60	6.6	13
174	Triple activation (thermal-chemical-physical) in the development of an activated carbon from tobacco: characterizations and optimal conditions for Cd <sup>2+</sup> and Pb <sup>2+</sup> removal from waters. <i>Water Practice and Technology</i> , <b>2020</b> , 15, 877-898	0.9	6
173	Simultaneous microextraction of carbendazim, fipronil and picoxystrobin in naturally and artificial occurring water bodies by water-induced supramolecular solvent and determination by HPLC-DAD. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 297, 111897	6	11
172	Synthesis of hybrid magnetic molecularly imprinted polymers for the selective adsorption of volatile fatty acids from anaerobic effluents. <i>Polymer International</i> , <b>2020</b> , 69, 847-857	3.3	4
171	Synthesis and application of restricted access material-ion imprinted poly(allylthiourea) for selective separation of Cd <sup>2+</sup> and humic acid exclusion. <i>Reactive and Functional Polymers</i> , <b>2019</b> , 134, 93-103	4.6	10
170	Sensitive Simultaneous Determination of o-Nitrophenol and p-Nitrophenol in Water by Surfactant-Mediated Differential Pulse Voltammetry. <i>Analytical Letters</i> , <b>2019</b> , 52, 1462-1476	2.2	10
169	Ascorbic acid electrocatalytic activity in different electrolyte solutions using electrodeposited Co(OH) <sub>2</sub> . <i>Ionics</i> , <b>2019</b> , 25, 1911-1920	2.7	5
168	Performance of restricted access copper-imprinted poly(allylthiourea) in an on-line preconcentration and sample clean-up FIA-FAAS system for copper determination in milk samples. <i>Talanta</i> , <b>2019</b> , 202, 460-468	6.2	10
167	Development of new analytical method for preconcentration/speciation of inorganic antimony in bottled mineral water using FIA-HG AAS system and SiO <sub>2</sub> /AlO <sub>3</sub> /SnO ternary oxide. <i>Food Chemistry</i> , <b>2019</b> , 294, 405-413	8.5	14
166	Redox Preconcentration/Speciation of Chromium by Using Nanocomposites Based on Carbon Nanotubes and Functional Polymers <b>2019</b> , 139-180		2
165	Assessment of surfactants on performance of molecularly imprinted polymer toward adsorption of pharmaceutical. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 103037	6.8	12

164	The influence of calcium-rich environments in siliceous industrial residues on the hydration reaction of cementitious mixtures. <i>Journal of Cleaner Production</i> , <b>2019</b> , 225, 152-162	10.3	1
163	Preparation of Molecularly Imprinted Poly(methacrylic acid) Grafted on Iniferter-Modified Multiwalled Carbon Nanotubes by Living-Radical Polymerization for 17 $\beta$ -Estradiol Extraction. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 1978-1990	2.8	6
162	Influence of molecular architecture of Si-containing precursors and HF chemical treatment on structural and textural features of silicon oxycarbide (SiOC) materials. <i>Ceramics International</i> , <b>2019</b> , 45, 21698-21708	5.1	6
161	Physical-chemical investigation of the oxidation reaction of biodiesel during storage in contact with carbon steel and 1020 steel in the presence of natural rosemary extract. <i>Biofuels</i> , <b>2019</b> , 1-6	2	2
160	Synthesis, Studies and Structural characterization of Thermal and Hydrazine Reduction of Graphene Oxide by Raman Spectroscopy and Infrared Spectroscopy. <i>Revista Virtual De Quimica</i> , <b>2019</b> , 11, 866-877	1.3	3
159	Bisphenol A adsorption in aqueous medium by investigating organic and inorganic components of hybrid polymer (polyvinylpyridine/SiO <sub>2</sub> /APTMS). <i>Chemical Engineering Journal</i> , <b>2019</b> , 367, 102-114	14.7	13
158	Assessment of ultrasound-assisted extraction combined with supramolecular solvent-based microextraction for highly sensitive cadmium determination in medicinal plant sample by TS-FF-AAS. <i>Microchemical Journal</i> , <b>2019</b> , 145, 1071-1077	4.8	15
157	Electroanalytical Determination of Morpholine as a Corrosion Inhibitor at a Cathodically Pretreated Boron-Doped Diamond Electrode. <i>Analytical Letters</i> , <b>2019</b> , 52, 1083-1096	2.2	6
156	Design of high-performance adsorption cross-linked organic functional polymers towards tricyclic antidepressants using computational simulation. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 102849	6.8	5
155	Influence of synthesis conditions on the production of molecularly imprinted polymers for the selective recovery of isovaleric acid from anaerobic effluents. <i>Polymer International</i> , <b>2019</b> , 68, 428-438	3.3	5
154	Chemical modifications on pinus bark for adsorption of toxic metals. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 1271-1278	6.8	26
153	Removal of toxic metals using endocarp of aubergine as biosorbent. <i>Water Science and Technology</i> , <b>2018</b> , 77, 1547-1557	2.2	21
152	Feasibility study of ethylone determination in seized samples using boron-doped diamond electrode associated with solid phase extraction. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 259, 1113-1122	8.5	21
151	Selective and sensitive voltammetric determination of folic acid using graphite/restricted access molecularly imprinted poly(methacrylic acid)/SiO <sub>2</sub> composite. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 818, 223-230	4.1	13
150	Insight into the performance of molecularly imprinted poly(methacrylic acid) and polyvinylimidazole for extraction of imazethapyr in aqueous medium. <i>Chemical Engineering Journal</i> , <b>2018</b> , 343, 583-596	14.7	19
149	Removal of Cd(II), Pb(II) and Cr(III) from water using modified residues of Anacardium occidentale L.. <i>Applied Water Science</i> , <b>2018</b> , 8, 1	5	17
148	Thermally reduced graphene oxide: synthesis, studies and characterization. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 12005-12015	4.3	57
147	Highly improved simultaneous herbicides determination in water samples by differential pulse voltammetry using boron-doped diamond electrode and solid phase extraction on cross-linked poly(vinylimidazole). <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 255, 166-175	8.5	31

146	Use of Co-Products from the Processing of Cassava for the Development of Adsorbent Materials Aiming Metal Removal <b>2018</b> ,		2
145	A new analytical method for lead determination in atmospheric particulate matter by a combination of ultrasound-assisted extraction and supramolecular solvent preconcentration. <i>Analytical Methods</i> , <b>2018</b> , 10, 3745-3753	3.2	7
144	Development and application of graphite-SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> /Nb <sub>2</sub> O <sub>5</sub> -methylene blue (GRP-SiAlNb-MB) composite for electrochemical determination of dopamine. <i>Arabian Journal of Chemistry</i> , <b>2017</b> , 10, 430-438	5.9	8
143	Feasibility of supramolecular solvent-based microextraction for simultaneous preconcentration of herbicides from natural waters with posterior determination by HPLC-DAD. <i>Microchemical Journal</i> , <b>2017</b> , 133, 650-657	4.8	31
142	Study on the performance of micro-flow injection preconcentration method on-line coupled to thermospray flame furnace AAS using MWCNTs wrapped with polyvinylpyridine nanocomposites as adsorbent. <i>RSC Advances</i> , <b>2017</b> , 7, 19296-19304	3.7	12
141	On-line micro-solid phase preconcentration of Cd <sup>2+</sup> coupled to TS-FF-AAS using a novel ion-selective bifunctional hybrid imprinted adsorbent. <i>Microchemical Journal</i> , <b>2017</b> , 131, 57-69	4.8	23
140	Assessment on the performance of nano-carbon black as an alternative material for extraction of carbendazim, tebuthiuron, hexazinone, diuron and ametryn. <i>Journal of Environmental Chemical Engineering</i> , <b>2017</b> , 5, 93-102	6.8	17
139	Preparation and application of nanocomposite based on imprinted poly(methacrylic acid)-PAN/MWCNT as a new electrochemical selective sensing platform of Pb <sup>2+</sup> in water samples. <i>Journal of Electroanalytical Chemistry</i> , <b>2017</b> , 801, 114-121	4.1	11
138	Adsorption mechanism of chromium(III) using biosorbents of <i>Jatropha curcas</i> L. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 21778-21790	5.1	14
137	New sorbents based on poly(methacrylic acid-TRIM) and poly(vinylimidazole-TRIM) for simultaneous preconcentration of herbicides in water samples with posterior determination by HPLC-DAD. <i>RSC Advances</i> , <b>2017</b> , 7, 37959-37966	3.7	2
136	Poly(methacrylic acid)/SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> based organic-inorganic hybrid adsorbent for adsorption of imazethapyr herbicide from aqueous medium. <i>Reactive and Functional Polymers</i> , <b>2017</b> , 121, 101-109	4.6	7
135	Synthesis of Pb(II)-imprinted poly(methacrylic acid) polymeric particles loaded with 1-(2-pyridylazo)-2-naphthol (PAN) for micro-solid phase preconcentration of Pb <sup>2+</sup> on-line coupled to flame atomic absorption spectrometry. <i>RSC Advances</i> , <b>2017</b> , 7, 33001-33011	3.7	10
134	Development of carbon paste electrode modified with cadmium ion-imprinted polymer for selective voltammetric determination of Cd <sup>2+</sup> . <i>International Journal of Environmental Analytical Chemistry</i> , <b>2017</b> , 97, 1378-1392	1.8	9
133	Hybrid molecularly imprinted poly(methacrylic acid-TRIM)-silica chemically modified with (3-glycidyloxypropyl)trimethoxysilane for the extraction of folic acid in aqueous medium. <i>Materials Science and Engineering C</i> , <b>2016</b> , 59, 643-651	8.3	24
132	Adsorption of Metallic Ions Cd <sup>2+</sup> , Pb <sup>2+</sup> , and Cr <sup>3+</sup> from Water Samples Using Brazil Nut Shell as a Low-Cost Biosorbent <b>2016</b> , 311-334		1
131	Evaluation of a new water-compatible hybrid molecularly imprinted polymer combined with restricted access for the selective recognition of folic acid in binding assays. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a	2.9	14
130	Preparation and characterization of a composite based on polyaniline, polypyrrole and cigarette filters: adsorption studies and kinetics of phenylbutazone in aqueous media. <i>RSC Advances</i> , <b>2016</b> , 6, 64450-64459	3.7	23
129	Influence of pore former and transition metal on development of nanophases in porous silicon oxycarbide (SiCO) ceramics obtained by catalyst-assisted pyrolysis. <i>Journal of the European Ceramic Society</i> , <b>2016</b> , 36, 1365-1376	6	12

128	Influence of activated charcoal on the structural and morphological characteristics of ceramic based on silicon oxycarbide (SiOC): A promising approach to obtain a new electrochemical sensing platform. <i>Materials Chemistry and Physics</i> , <b>2016</b> , 175, 33-45	4.4	10
127	Preconcentration of Nickel(II) by a Mini-Flow System with a Novel Ternary Oxide Solid Phase and Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , <b>2016</b> , 49, 723-736	2.2	8
126	Biosorption of Pb <sup>2+</sup> , Cr <sup>3+</sup> , and Cu <sup>2+</sup> by peach palm sheath modified colonized by <i>Agaricus Blazei</i> . <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 19927-19938		5
125	Assessment of organosilane-functionalized nano-carbon black for interference-free on-line Pb(II) ion enrichment in water, herbal medicines and environmental samples. <i>Analytical Methods</i> , <b>2016</b> , 8, 2820 <sup>3,2</sup> -2830 <sup>12</sup>		
124	Development and feasibility of emulsion breaking method for the extraction of cadmium from omega-3 dietary supplements and determination by flow injection TS-FF-AAS. <i>Microchemical Journal</i> , <b>2016</b> , 127, 145-151	4.8	18
123	BiVO <sub>4</sub> /Bi <sub>2</sub> O <sub>3</sub> /ITO electrodes prepared by layer-by-layer: Application in the determination of atenolol in pharmaceutical formulations and urine. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 765, 30-36	4.1	12
122	Study on the cross-linked molecularly imprinted poly(methacrylic acid) and poly(acrylic acid) towards selective adsorption of diuron. <i>Reactive and Functional Polymers</i> , <b>2016</b> , 100, 26-36	4.6	40
121	Preparation of a new restricted access molecularly imprinted hybrid adsorbent for the extraction of folic acid from milk powder samples. <i>Analytical Methods</i> , <b>2016</b> , 8, 656-665	3.2	20
120	Electrochemical study for the simultaneous determination of phenolic compounds and emerging pollutant using an electroanalytical sensing system based on carbon nanotubes/surfactant and multivariate approach in the optimization. <i>Microchemical Journal</i> , <b>2016</b> , 124, 65-75	4.8	35
119	Evaluation of kinetic and thermodynamic parameters in adsorption of lead (Pb <sup>2+</sup> ) and chromium (Cr <sup>3+</sup> ) by chemically modified macadamia ( <i>Macadamia integrifolia</i> ). <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 17738-17747		2
118	Food Chemistry: Food Quality and New Analytical Approaches. <i>Journal of Chemistry</i> , <b>2016</b> , 2016, 1-2	2.3	1
117	Chemical Modifications of Cassava Peel as Adsorbent Material for Metals Ions from Wastewater. <i>Journal of Chemistry</i> , <b>2016</b> , 2016, 1-15	2.3	26
116	Solid Phase Extraction to On-Line Preconcentrate Trace Cadmium Using Chemically Modified Nano-Carbon Black with 3-Mercaptopropyltrimethoxysilane. <i>Journal of the Brazilian Chemical Society</i> , <b>2016</b> ,	1.5	5
115	Development and Application of Electrochemical Sensor Based on Molecularly Imprinted Polymer and Carbon Nanotubes for the Determination of Carvedilol. <i>Chemosensors</i> , <b>2016</b> , 4, 22	4	21
114	Synthesis of Surface Molecularly Imprinted Poly(methacrylic acid-hemin) on Carbon Nanotubes for the Voltammetric Simultaneous Determination of Antioxidants from Lipid Matrices and Biodiesel. <i>Electrochimica Acta</i> , <b>2016</b> , 212, 322-332	6.7	22
113	A nanocomposite based on multi-walled carbon nanotubes grafted by molecularly imprinted poly(methacrylic acid-hemin) as a peroxidase-like catalyst for biomimetic sensing of acetaminophen. <i>RSC Advances</i> , <b>2016</b> , 6, 28751-28760	3.7	24
112	Investigation on the Performance of Chemically Modified Aquatic Macrophytes-Salvinia molesta for the Micro-Solid Phase Preconcentration of Cd(II) On-Line Coupled to FAAS. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2016</b> , 97, 863-869	2.7	3
111	Electrochemical evaluation and simultaneous determination of binary mixture of antihypertensives hydrochlorothiazide and enalapril in combined dosage forms using carbon nanotubes paste electrode. <i>Ionics</i> , <b>2015</b> , 21, 1615-1622	2.7	10



110	A <i>Crambe abyssinica</i> seed by-product as biosorbent for lead(II) removal from water. <i>Desalination and Water Treatment</i> , <b>2015</b> , 53, 139-148		9
109	Speciation analysis of chromium in water samples through sequential combination of dispersive magnetic solid phase extraction using mesoporous amino-functionalized Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> nanoparticles and cloud point extraction. <i>Microchemical Journal</i> , <b>2015</b> , 123, 185-195	4.8	69
108	Preparation of new ion-selective cross-linked poly(vinylimidazole-co-ethylene glycol dimethacrylate) using a double-imprinting process for the preconcentration of Pb <sup>2+</sup> ions. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 450, 254-263	9.3	29
107	A Facile Vortex-Assisted Dispersive Liquid-Liquid Microextraction Method for the Determination of Uranyl Ion at Low Levels by Spectrophotometry. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2015</b> , 95, 215-20	2.7	10
106	Leachability of major and minor elements from soils and sediments of an abandoned coal mining area in Southern Brazil. <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 83	3.1	6
105	DEVELOPMENT OF AN ELECTROCHEMICAL SENSOR MODIFIED WITH MWCNT-COOH AND MIP FOR DETECTION OF DIURON. <i>Electrochimica Acta</i> , <b>2015</b> , 182, 122-130	6.7	56
104	Double-Imprinted Cross-Linked Poly(Acrylamide-co-Ethylene Glycol Dimethacrylate) as a Novel Sorbent for the On-Line Preconcentration and Determination of Copper(II) by Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , <b>2015</b> , 48, 61-74	2.2	6
103	Estudo eletroquímico do processo de eletrooxidação da amitriptilina empregando sensor a base de pasta de carbono contendo DNA imobilizado em matriz inorgânica. <i>Semina: Ciências Exatas E Tecnológicas</i> , <b>2015</b> , 36, 133	0.2	1
102	Synthesis and evaluation of different adsorbents based on poly(methacrylic acid- $\beta$ -trimethylolpropane trimethacrylate) and poly(vinylimidazole- $\beta$ -trimethylolpropane trimethacrylate) for the adsorption of tebuthiuron from aqueous medium. <i>Reactive and Functional Polymers</i> , <b>2015</b> , 93, 1-9	4.6	29
101	Optimization and Application of Imprinted Poly(AA-EGDMA) for Solid Phase Extraction of Ciprofloxacin in Artificial Urine. <i>Current Drug Therapy</i> , <b>2015</b> , 9, 270-276	0.7	4
100	Semi-Empirical Quantum Chemistry Method for Pre-Polymerization Rational Design of Ciprofloxacin Imprinted Polymer and Adsorption Studies. <i>Journal of the Brazilian Chemical Society</i> , <b>2015</b> ,	1.5	7
99	Improved selective cholesterol adsorption by molecularly imprinted poly(methacrylic acid)/silica (PMAA-SiO <sub>2</sub> ) hybrid material synthesized with different molar ratios. <i>Materials Science and Engineering C</i> , <b>2014</b> , 44, 99-108	8.3	46
98	Synthesis of novel copper ion-selective material based on hierarchically imprinted cross-linked poly(acrylamide-co-ethylene glycol dimethacrylate). <i>Reactive and Functional Polymers</i> , <b>2014</b> , 82, 72-80	4.6	22
97	Synthesis and characterization of cross-linked molecularly imprinted polyacrylamide for the extraction/preconcentration of glyphosate and aminomethylphosphonic acid from water samples. <i>Reactive and Functional Polymers</i> , <b>2014</b> , 83, 76-83	4.6	22
96	Removal of metal ions Cd (II), Pb (II), and Cr (III) from water by the cashew nut shell <i>Anacardium occidentale</i> L. <i>Ecological Engineering</i> , <b>2014</b> , 73, 514-525	3.9	80
95	Development of molecularly imprinted poly(methacrylic acid)/silica for clean-up and selective extraction of cholesterol in milk prior to analysis by HPLC-UV. <i>Analyst, The</i> , <b>2014</b> , 139, 5021-7	5	27
94	An improved method for simultaneous square-wave voltammetric determination of amlodipine and enalapril at multi-walled carbon nanotubes paste electrode based on effect of cationic surfactant. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 205, 234-243	8.5	40
93	Simultaneous determination of hydrochlorothiazide and valsartan in combined dosage forms: Electroanalytical performance of cathodically pretreated boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2014</b> , 732, 46-52	4.1	21

92	A highly improved method for sensitive determination of amitriptyline in pharmaceutical formulations using an unmodified carbon nanotube electrode in the presence of sulfuric acid. <i>Talanta</i> , <b>2014</b> , 127, 26-32	6.2	21
91	Application of Ni(II)-imprinted cross-linked poly(methacrylic acid) synthesised through double-imprinting method for the on-line preconcentration of Ni(II) ions in aqueous media. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2014</b> , 94, 1061-1071	1.8	6
90	Preparation of SiO <sub>2</sub> /Nb <sub>2</sub> O <sub>5</sub> /ZnO mixed oxide by sol-gel method and its application for adsorption studies and on-line preconcentration of cobalt ions from aqueous medium. <i>Chemical Engineering Journal</i> , <b>2014</b> , 239, 233-241	14.7	51
89	Study of cross-linked poly(methacrylic acid) and polyvinylimidazole as selective adsorbents for on-line preconcentration and redox speciation of chromium with flame atomic absorption spectrometry determination. <i>Microchemical Journal</i> , <b>2014</b> , 117, 18-26	4.8	29
88	Synthesis, characterization and application of ion imprinted poly(vinylimidazole) for zinc ion extraction/preconcentration with faas determination. <i>Quimica Nova</i> , <b>2014</b> , 37, 63-68	1.6	10
87	Studies of Pb <sup>2+</sup> adsorption by <i>Moringa oleifera</i> Lam. seeds from an aqueous medium in a batch system. <i>Water Science and Technology</i> , <b>2014</b> , 69, 163-9	2.2	9
86	Evaluation of a Multi-Walled Carbon Nanotube-Hemin Composite for the Voltammetric Determination of Hydrogen Peroxide in Dental Products. <i>Analytical Letters</i> , <b>2014</b> , 47, 750-762	2.2	4
85	Crosslinked poly (4-vinylpyridine-ethylene glycol dimethacrylate) used for preconcentration of Cd(II) and its determination by flow injection flame atomic absorption spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , <b>2014</b> , 97, 605-11	1.7	3
84	Cadmium mobility in sediments and soils from a coal mining area on Tibagi River watershed: environmental risk assessment. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 265, 280-7	12.8	48
83	Estudo eletroquímico do processo de eletrooxidação da prometazina empregando sensor a base de pasta de nanotubos de carbono contendo DNA imobilizado em matriz inorgânica. <i>Semina: Ciências Exatas E Tecnológicas</i> , <b>2014</b> , 35, 215	0.2	4
82	VOLTAMMETRIC DETERMINATION OF AMITRIPTYLINE IN PHARMACEUTICAL FORMULATION WITH BORON-DOPED DIAMOND ELECTRODE EXPLOITING MEASURES IN ACID MEDIUM. <i>Quimica Nova</i> , <b>2014</b> ,	1.6	2
81	Evaluation of poly(vinylpyridine)-supported protoporphyrin resin for the sampling/separation of manganese(II) using a hyphenated FIA-FAAS system. <i>Analytical Methods</i> , <b>2013</b> , 5, 3264	3.2	10
80	Utilization of Passion Fruit Skin By-Product as Lead(II) Ion Biosorbent. <i>Water, Air, and Soil Pollution</i> , <b>2013</b> , 224, 1	2.6	19
79	Removal of cadmium from water using by-product <i>Crambe abyssinica</i> Hochst seeds as biosorbent material. <i>Water Science and Technology</i> , <b>2013</b> , 68, 227-33	2.2	23
78	Evaluation of boron-doped diamond electrode for simultaneous voltammetric determination of hydrochlorothiazide and losartan in pharmaceutical formulations. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 188, 263-270	8.5	51
77	Development and application of an electrochemical biosensor based on carbon paste and silica modified with niobium oxide, alumina and DNA (SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> /Nb <sub>2</sub> O <sub>5</sub> /DNA) for amitriptyline determination. <i>Journal of Electroanalytical Chemistry</i> , <b>2013</b> , 704, 159-168	4.1	27
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2	Renewable Eco-Friendly Activated Biochar from Tobacco: Kinetic, Equilibrium and Thermodynamics Studies for Chlorpyrifos Removal. <i>Separation Science and Technology</i> ,1-21	2.5	2
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