

List of Publications by Year in descending order

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211
papers

5,636
citations

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212
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5408
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosorption of heavy metals using rice milling by-products. Characterisation and application for removal of metals from aqueous effluents. <i>Chemosphere</i> , 2004, 54, 987-995.	4.2	278
2	Chemometric tools in electroanalytical chemistry: Methods for optimization based on factorial design and response surface methodology. <i>Microchemical Journal</i> , 2009, 92, 58-67.	2.3	222
3	Solid-phase extraction system for Pb (II) ions enrichment based on multiwall carbon nanotubes coupled on-line to flame atomic absorption spectrometry. <i>Talanta</i> , 2007, 71, 1512-1519.	2.9	149
4	Use of modified rice husks as a natural solid adsorbent of trace metals: characterisation and development of an on-line preconcentration system for cadmium and lead determination by FAAS. <i>Microchemical Journal</i> , 2004, 77, 163-175.	2.3	146
5	Thermally reduced graphene oxide: synthesis, studies and characterization. <i>Journal of Materials Science</i> , 2018, 53, 12005-12015.	1.7	105
6	Characterization and use of <i>Moringa oleifera</i> seeds as biosorbent for removing metal ions from aqueous effluents. <i>Water Science and Technology</i> , 2010, 62, 2198-2203.	1.2	103
7	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> , 2014, 73, 514-525.	1.6	97
8	Simultaneous determination of zinc, cadmium and lead in environmental water samples by potentiometric stripping analysis (PSA) using multiwalled carbon nanotube electrode. <i>Journal of Hazardous Materials</i> , 2009, 169, 256-262.	6.5	96
9	Synthesis and application of imprinted polyvinylimidazole-silica hybrid copolymer for Pb ²⁺ determination by flow-injection thermospray flame furnace atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2011, 703, 145-151.	2.6	95
10	Highly improved sensitivity of TS-FF-AAS for Cd(ii) determination at ng L ⁻¹ levels using a simple flow injection minicolumn preconcentration system with multiwall carbon nanotubes. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 1305-1313.	1.6	89
11	DEVELOPMENT OF AN ELECTROCHEMICAL SENSOR MODIFIED WITH MWCNT-COOH AND MIP FOR DETECTION OF DIURON. <i>Electrochimica Acta</i> , 2015, 182, 122-130.	2.6	85
12	Speciation analysis of chromium in water samples through sequential combination of dispersive magnetic solid phase extraction using mesoporous amino-functionalized Fe ₃ O ₄ /SiO ₂ nanoparticles and cloud point extraction. <i>Microchemical Journal</i> , 2015, 123, 185-195.	2.3	80
13	Molecularly-imprinted solid phase extraction of catechol from aqueous effluents for its selective determination by differential pulse voltammetry. <i>Analytica Chimica Acta</i> , 2005, 548, 11-19.	2.6	76
14	Exploiting micellar environment for simultaneous electrochemical determination of ascorbic acid and dopamine. <i>Talanta</i> , 2005, 67, 829-835.	2.9	75
15	On-line molecularly imprinted solid phase extraction for the selective spectrophotometric determination of catechol. <i>Microchemical Journal</i> , 2007, 85, 290-296.	2.3	72
16	Cadmium ion-selective sorbent preconcentration method using ion imprinted poly(ethylene glycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	71
17	Characteristic Levels of Some Heavy Metals from Brazilian Canned Sardines (<i>Sardinella brasiliensis</i>). <i>Journal of Food Composition and Analysis</i> , 2001, 14, 611-617.	1.9	67
18	PolÃmeros biomimÃticos em quÃmica analÃtica. Parte 1: preparo e aplicaÃÃes de MIP ("Molecularly) Tj ETQq0 0 0 rgBT /Overlock 10	0.3	62

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19	Evaluation of boron-doped diamond electrode for simultaneous voltammetric determination of hydrochlorothiazide and losartan in pharmaceutical formulations. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 263-270.	4.0	62
20	Cadmium mobility in sediments and soils from a coal mining area on Tibagi River watershed: Environmental risk assessment. <i>Journal of Hazardous Materials</i> , 2014, 265, 280-287.	6.5	62
21	Copper Ions Adsorption from Aqueous Medium Using the Biosorbent Sugarcane Bagasse In Natura and Chemically Modified. <i>Water, Air, and Soil Pollution</i> , 2011, 216, 351-359.	1.1	60
22	Ion-imprinted polyvinylimidazole-silica hybrid copolymer for selective extraction of Pb(II): Characterization and metal adsorption kinetic and thermodynamic studies. <i>Reactive and Functional Polymers</i> , 2012, 72, 83-91.	2.0	59
23	Simultaneous Square-Wave Voltammetric Determination of Paracetamol, Caffeine and Orphenadrine in Pharmaceutical Formulations Using a Cathodically Pretreated Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2013, 25, 1734-1741.	1.5	59
24	Preparation of SiO ₂ /Nb ₂ O ₅ /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> , 2014, 239, 233-241.	6.6	58
25	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> , 2016, 100, 26-36.	2.0	57
26	A Sensitive Method for Cadmium Determination Using an On-line Polyurethane Foam Preconcentration System and Thermo Spray Flame Furnace Atomic Absorption Spectrometry. <i>Analytical Sciences</i> , 2004, 20, 961-966.	0.8	54
27	Development of a simple, rapid and validated square wave voltametric method for determination of promethazine in raw material and pharmaceutical formulation using DNA modified multiwall carbon nanotube paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 251-259.	4.0	51
28	Improved selective cholesterol adsorption by molecularly imprinted poly(methacrylic acid)/silica (PMAA-SiO ₂) hybrid material synthesized with different molar ratios. <i>Materials Science and Engineering C</i> , 2014, 44, 99-108.	3.8	51
29	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> , 2014, 205, 234-243.	4.0	47
30	Novel on-line sequential preconcentration system of Cr(III) and Cr(VI) hyphenated with flame atomic absorption spectrometry exploiting sorbents based on chemically modified silica. <i>Talanta</i> , 2012, 100, 71-79.	2.9	45
31	Sorbent separation and enrichment method for cobalt ions determination by graphite furnace atomic absorption spectrometry in water and urine samples using multiwall carbon nanotubes. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 489-502.	1.8	44
32	Synthesis and application of a peroxidase-like molecularly imprinted polymer based on hemin for selective determination of serotonin in blood serum. <i>Analytica Chimica Acta</i> , 2009, 631, 170-176.	2.6	42
33	Voltammetric method optimized by multi-response assays for the simultaneous measurements of uric acid and acetaminophen in urine in the presence of surfactant using MWCNT paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2013, 696, 52-58.	1.9	42
34	Chemical Modifications of Cassava Peel as Adsorbent Material for Metals Ions from Wastewater. <i>Journal of Chemistry</i> , 2016, 2016, 1-15.	0.9	42
35	Proximate composition, cholesterol and fatty acids profile of canned sardines (<i>Sardinella</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	4.2	41
36	A catalytically active molecularly imprinted polymer that mimics peroxidase based on hemin: application to the determination of p-aminophenol. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1919-1929.	1.9	41

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37	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> , 2016, 124, 65-75.	2.3	41
38	Magnetic restricted-access carbon nanotubes for dispersive solid phase extraction of organophosphates pesticides from bovine milk samples. <i>Analytica Chimica Acta</i> , 2020, 1102, 11-23.	2.6	41
39	Highly improved chromium (III) uptake capacity in modified sugarcane bagasse using different chemical treatments. <i>Quimica Nova</i> , 2012, 35, 1606-1611.	0.3	40
40	Chemical modifications on pinus bark for adsorption of toxic metals. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1271-1278.	3.3	40
41	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> , 2018, 255, 166-175.	4.0	39
42	Kinetic and Isotherm Studies of Ni ²⁺ Adsorption on Poly(methacrylic acid) Synthesized through a Hierarchical Double-Imprinting Method Using a Ni ²⁺ Ion and Cationic Surfactant as Templates. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 8550-8557.	1.8	38
43	Assessment of chemically modified sugarcane bagasse for lead adsorption from aqueous medium. <i>Water Science and Technology</i> , 2010, 62, 457-465.	1.2	37
44	Preparation of new ion-selective cross-linked poly(vinylimidazole-co-ethylene glycol dimethacrylate) using a double-imprinting process for the preconcentration of Pb ²⁺ ions. <i>Journal of Colloid and Interface Science</i> , 2015, 450, 254-263.	5.0	37
45	Feasibility of supramolecular solvent-based microextraction for simultaneous preconcentration of herbicides from natural waters with posterior determination by HPLC-DAD. <i>Microchemical Journal</i> , 2017, 133, 650-657.	2.3	37
46	Selective sorbent enrichment of nickel ions from aqueous solutions using a hierarchically hybrid organic-inorganic polymer based on double imprinting concept. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 419-430.	0.6	36
47	Adsorption studies of Cd(II) onto Al ₂ O ₃ /Nb ₂ O ₅ mixed oxide dispersed on silica matrix and its on-line preconcentration and determination by flame atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011, 66, 329-337.	1.5	36
48	Amperometric determination of chloroguaiacol at submicromolar levels after on-line preconcentration with molecularly imprinted polymers. <i>Talanta</i> , 2006, 69, 259-266.	2.9	35
49	Synthesis and evaluation of different adsorbents based on poly(methacrylic acid-trimethylolpropane) Tj ETQq1 1 0.784314 rgBT /Ove tebuthiuron from aqueous medium. <i>Reactive and Functional Polymers</i> , 2015, 93, 1-9.	2.0	35
50	Cellulose microfiber functionalized with N,N'-bis (2-aminoethyl)-1,2-ethanediamine as a solid sorbent for the fast preconcentration of Cd(II) in flow system analysis. <i>Talanta</i> , 2011, 85, 2417-2424.	2.9	34
51	Flow injection on-line minicolumn preconcentration and determination of trace copper ions using an alumina/titanium oxide grafted silica matrix and FAAS. <i>Mikrochimica Acta</i> , 2012, 178, 61-70.	2.5	34
52	Development and application of an electrochemical biosensor based on carbon paste and silica modified with niobium oxide, alumina and DNA (SiO ₂ /Al ₂ O ₃ /Nb ₂ O ₅ /DNA) for amitriptyline determination. <i>Journal of Electroanalytical Chemistry</i> , 2013, 704, 159-168.	1.9	33
53	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> , 2016, 212, 322-332.	2.6	33
54	Speciation of Sb(III) and Sb(V) in meglumine antimoniate pharmaceutical formulations by PSA using carbon nanotube electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 151-157.	1.4	32

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55	Grafting 3-mercaptopropyl trimethoxysilane on multi-walled carbon nanotubes surface for improving on-line cadmium(II) preconcentration from water samples. <i>Journal of Hazardous Materials</i> , 2012, 243, 326-333.	6.5	32
56	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> , 2014, 83, 76-83.	2.0	32
57	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> , 2014, 732, 46-52.	1.9	31
58	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> , 2014, 117, 18-26.	2.3	31
59	Factorial Design and Doehlert Matrix in Optimization of Flow System for Preconcentration of Copper on Polyurethane Foam Loaded with 4-(2-Pyridylazo)resorcinol. <i>Analytical Letters</i> , 2004, 37, 1437-1455.	1.0	30
60	Carbon Nanotube Based Sensor for Simultaneous Determination of Acetaminophen and Ascorbic Acid Exploiting Multiple Response Optimization and Measures in the Presence of Surfactant. <i>Electroanalysis</i> , 2012, 24, 2291-2301.	1.5	30
61	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> , 2014, 139, 5021-5027.	1.7	30
62	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> , 2016, 6, 28751-28760.	1.7	30
63	Removal of toxic metals using endocarp of aÅberry as biosorbent. <i>Water Science and Technology</i> , 2018, 77, 1547-1557.	1.2	30
64	Flow-based method for epinephrine determination using a solid reactor based on molecularly imprinted poly(FePPMAEGDMA). <i>Materials Science and Engineering C</i> , 2011, 31, 114-119.	3.8	29
65	Development of a square wave voltammetric method for dopamine determination using a biosensor based on multiwall carbon nanotubes paste and crude extract of Cucurbita pepo L.. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 743-754.	4.0	29
66	Preparation and evaluation of kinetics and thermodynamics studies of lead adsorption onto chemically modified banana peels. <i>Desalination and Water Treatment</i> , 2013, 51, 5682-5691.	1.0	29
67	Development and Application of Electrochemical Sensor Based on Molecularly Imprinted Polymer and Carbon Nanotubes for the Determination of Carvedilol. <i>Chemosensors</i> , 2016, 4, 22.	1.8	29
68	Electrospinning in the preparation of an electrochemical sensor based on carbon nanotubes. <i>Journal of Molecular Liquids</i> , 2020, 298, 112068.	2.3	29
69	Utilization of Passion Fruit Skin By-Product as Lead(II) Ion Biosorbent. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	28
70	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> , 2016, 6, 64450-64459.	1.7	28
71	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> , 2016, 59, 643-651.	3.8	28
72	Supramolecular microextraction combined with paper spray ionization mass spectrometry for sensitive determination of tricyclic antidepressants in urine. <i>Analytica Chimica Acta</i> , 2020, 1106, 52-60.	2.6	28

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73	Thermospray Flame Furnace-AAS Determination of Copper after On-line Sorbent Preconcentration Using a System Optimized by Experimental Designs. <i>Analytical Sciences</i> , 2005, 21, 1337-1342.	0.8	27
74	Removal of cadmium from water using by-product <i>Crambe abyssinica</i> Hochst seeds as biosorbent material. <i>Water Science and Technology</i> , 2013, 68, 227-233.	1.2	27
75	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> , 2018, 259, 1113-1122.	4.0	27
76	Multivariate optimization and validation of an analytical methodology by RP-HPLC for the determination of losartan potassium in capsules. <i>Talanta</i> , 2009, 80, 236-241.	2.9	26
77	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> , 2014, 127, 26-32.	2.9	26
78	On-line micro-solid phase preconcentration of Cd ²⁺ coupled to TS-FF-AAS using a novel ion-selective bifunctional hybrid imprinted adsorbent. <i>Microchemical Journal</i> , 2017, 131, 57-69.	2.3	26
79	Proximate Composition and Fatty Acid Profile in Brazilian Poultry Sausages. <i>Journal of Food Composition and Analysis</i> , 2000, 13, 915-920.	1.9	25
80	Evaluation of vermicompost as a raw natural adsorbent for adsorption of pesticide methylparathion. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 167-172.	1.2	25
81	Polímeros biomiméticos em química analítica. Parte 2: aplicações de MIP ("Molecularly Imprinted) Tj ETQq1 1 0.784314 rgBT / 0.3 25	0.3	25
82	Preconcentration and Speciation of Sb(III) and Sb(V) in Water Samples and Blood Serum after Cloud Point Extraction Using Chemometric Tools for Optimization. <i>Analytical Letters</i> , 2008, 41, 2465-2486.	1.0	24
83	Application of aqai stalks as biosorbent for the removal of Evans Blue and Vilmafix Red RR-2B dyes from aqueous solutions. <i>Desalination and Water Treatment</i> , 2013, 51, 4582-4592.	1.0	24
84	Synthesis and adsorption studies of novel hybrid mesoporous copolymer functionalized with protoporphyrin for batch and on-line solid-phase extraction of Cd ²⁺ ions. <i>Reactive and Functional Polymers</i> , 2013, 73, 838-846.	2.0	23
85	Polímeros impressos com íons: fundamentos, estratégias de preparo e aplicações em química analítica. <i>Química Nova</i> , 2013, 36, 1194-1207.	0.3	23
86	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> , 2014, 82, 72-80.	2.0	23
87	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> , 2016, 127, 145-151.	2.3	23
88	Preparation of a new restricted access molecularly imprinted hybrid adsorbent for the extraction of folic acid from milk powder samples. <i>Analytical Methods</i> , 2016, 8, 656-665.	1.3	23
89	Removal of Cd(II), Pb(II) and Cr(III) from water using modified residues of <i>Anacardium occidentale</i> L.. <i>Applied Water Science</i> , 2018, 8, 1.	2.8	23
90	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> , 2020, 297, 111897.	2.3	23

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91	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> , 2021, 357, 129695.	4.2	23
92	Development of new analytical method for preconcentration/speciation of inorganic antimony in bottled mineral water using FIA-HG AAS system and SiO ₂ /Al ₂ O ₃ /SnO ₂ ternary oxide. <i>Food Chemistry</i> , 2019, 294, 405-413.	4.2	22
93	Bisphenol A adsorption in aqueous medium by investigating organic and inorganic components of hybrid polymer (polyvinylpyridine/SiO ₂ /APTMS). <i>Chemical Engineering Journal</i> , 2019, 367, 102-114.	6.6	22
94	Insight into the performance of molecularly imprinted poly(methacrylic acid) and polyvinylimidazole for extraction of imazethapyr in aqueous medium. <i>Chemical Engineering Journal</i> , 2018, 343, 583-596.	6.6	21
95	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> , 2019, 145, 1071-1077.	2.3	21
96	Enhanced sorption of Mn ²⁺ ions from aqueous medium by inserting protoporphyrin as a pendant group in poly(vinylpyridine) network. <i>Chemical Engineering Journal</i> , 2013, 221, 275-282.	6.6	20
97	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> , 2017, 5, 93-102.	3.3	20
98	Adsorption mechanism of chromium(III) using biosorbents of <i>Jatropha curcas</i> L.. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21778-21790.	2.7	20
99	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> , 2019, 202, 460-468.	2.9	20
100	Preparation and application of nanocomposite based on imprinted poly(methacrylic acid)-PAN/MWCNT as a new electrochemical selective sensing platform of Pb ²⁺ in water samples. <i>Journal of Electroanalytical Chemistry</i> , 2017, 801, 114-121.	1.9	19
101	Selective and sensitive voltammetric determination of folic acid using graphite/restricted access molecularly imprinted poly(methacrylic acid)/SiO ₂ composite. <i>Journal of Electroanalytical Chemistry</i> , 2018, 818, 223-230.	1.9	19
102	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> , 2020, 32, 1198-1207.	1.5	19
103	Silica-alumina-niobia (SiO ₂ /Al ₂ O ₃ /Nb ₂ O ₅) matrix obtained by the sol-gel processing method: new material for online extraction of zinc ions. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1106-1116.	0.6	18
104	Synthesis and application of restricted access material-ion imprinted poly(allylthiourea) for selective separation of Cd ²⁺ and humic acid exclusion. <i>Reactive and Functional Polymers</i> , 2019, 134, 93-103.	2.0	18
105	Sensitive Simultaneous Determination of <i>p</i> -Nitrophenol and <i>m</i> -Nitrophenol in Water by Surfactant-Mediated Differential Pulse Voltammetry. <i>Analytical Letters</i> , 2019, 52, 1462-1476.	1.0	18
106	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> , 2020, 310, 127812.	4.0	18
107	OnLine Coupling of a Flow Injection System to TS-FF-AAS for Preconcentration and Determination of Lead in Water and Vegetables. <i>Analytical Letters</i> , 2005, 38, 1427-1443.	1.0	17
108	Lead(II) adsorption by peach palm waste. <i>Desalination and Water Treatment</i> , 2012, 48, 335-343.	1.0	17

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109	BiVO ₄ /Bi ₂ O ₃ /ITO electrodes prepared by layer-by-layer: Application in the determination of atenolol in pharmaceutical formulations and urine. <i>Journal of Electroanalytical Chemistry</i> , 2016, 765, 30-36.	1.9	17
110	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> , 2017, 7, 19296-19304.	1.7	17
111	Poly(methacrylic acid)/SiO ₂ /Al ₂ O ₃ based organic-inorganic hybrid adsorbent for adsorption of imazethapyr herbicide from aqueous medium. <i>Reactive and Functional Polymers</i> , 2017, 121, 101-109.	2.0	17
112	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) ₂ -modified screen-printed electrode. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114582.	1.9	17
113	Development of a Carbon Paste Electrode for Lactate Detection Based on Meldola [™] s Blue Adsorbed on Silica Gel Modified with Niobium Oxide and Lactate Oxidase. <i>Electroanalysis</i> , 2011, 23, 1470-1477.	1.5	15
114	3-mercaptopropyltrimethoxysilane-Modified Multi-walled Carbon Nanotubes as a New Functional Adsorbent for Flow Injection Extraction of Pb(II) from Water and Sediment Samples. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 6069-6081.	1.1	15
115	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> , 2016, 133, .	1.3	15
116	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> , 2016, 175, 33-45.	2.0	15
117	Development of carbon paste electrode modified with cadmium ion-imprinted polymer for selective voltammetric determination of Cd ²⁺ . <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 1378-1392.	1.8	15
118	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> , 2021, 334, 127345.	4.2	15
119	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> , 2016, 36, 1365-1376.	2.8	14
120	Synthesis, characterization and kinetics of catalytically active molecularly imprinted polymers for the selective recognition of 4-aminophenol. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 820-825.	0.6	13
121	Synthesis, characterization and application of ion imprinted poly(vinylimidazole) for zinc ion extraction/preconcentration with faas determination. <i>Quimica Nova</i> , 2014, 37, 63-68.	0.3	13
122	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> , 2016, 8, 2820-2830.	1.3	13
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