

João G Pacheco

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,119
citations

279487

23
h-index

329751

37
g-index

39
all docs

39
docs citations

39
times ranked

2510
citing authors

#	ARTICLE	IF	CITATIONS
1	Green production of zero-valent iron nanoparticles using tree leaf extracts. <i>Science of the Total Environment</i> , 2013, 445-446, 1-8.	3.9	237
2	Characterization of green zero-valent iron nanoparticles produced with tree leaf extracts. <i>Science of the Total Environment</i> , 2015, 533, 76-81.	3.9	171
3	Application of green zero-valent iron nanoparticles to the remediation of soils contaminated with ibuprofen. <i>Science of the Total Environment</i> , 2013, 461-462, 323-329.	3.9	155
4	Molecularly imprinted polymer-based electrochemical sensors for environmental analysis. <i>Biosensors and Bioelectronics</i> , 2021, 172, 112719.	5.3	149
5	MIP-graphene-modified glassy carbon electrode for the determination of trimethoprim. <i>Biosensors and Bioelectronics</i> , 2014, 52, 56-61.	5.3	114
6	Breast cancer biomarker (HER2-ECD) detection using a molecularly imprinted electrochemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1008-1014.	4.0	109
7	Isolation of phenolic compounds from hop extracts using polyvinylpyrrolidone: Characterization by high-performance liquid chromatography-diode array detection-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 3258-3268.	1.8	99
8	Utilization of food industry wastes for the production of zero-valent iron nanoparticles. <i>Science of the Total Environment</i> , 2014, 496, 233-240.	3.9	91
9	Molecularly imprinted electrochemical sensor for the point-of-care detection of a breast cancer biomarker (CA 15-3). <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 905-912.	4.0	90
10	Magnetic dispersive micro solid-phase extraction and gas chromatography determination of organophosphorus pesticides in strawberries. <i>Journal of Chromatography A</i> , 2018, 1566, 1-12.	1.8	85
11	Molecularly imprinted sensor for voltammetric detection of norfloxacin. <i>Sensors and Actuators B: Chemical</i> , 2015, 219, 301-307.	4.0	81
12	Molecularly imprinted electrochemical sensor for ochratoxin A detection in food samples. <i>Sensors and Actuators B: Chemical</i> , 2015, 215, 107-112.	4.0	80
13	Electrochemical sensing of ecstasy with electropolymerized molecularly imprinted poly(o-phenylenediamine) polymer on the surface of disposable screen-printed carbon electrodes. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 378-386.	4.0	77
14	Molecularly imprinted electrochemical sensor prepared on a screen printed carbon electrode for naloxone detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 745-752.	4.0	61
15	Analysis of aldehydes in beer by gas-diffusion microextraction: Characterization by high-performance liquid chromatography-diode-array detection-atmospheric pressure chemical ionization-mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 3717-3722.	1.8	52
16	Determination of free and total sulfites in wine using an automatic flow injection analysis system with voltammetric detection. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010, 27, 175-180.	1.1	47
17	Green zero-valent iron nanoparticles for the degradation of amoxicillin. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 1109-1118.	1.8	44
18	Gas-diffusion microextraction. <i>Journal of Separation Science</i> , 2010, 33, 3207-3212.	1.3	43

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19	Azithromycin electrochemical detection using a molecularly imprinted polymer prepared on a disposable screen-printed electrode. <i>Analytical Methods</i> , 2020, 12, 1486-1494.	1.3	43
20	Rational development of molecular imprinted carbon paste electrode for Furazolidone detection: theoretical and experimental approach. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129112.	4.0	43
21	Electrochemical sensing of the thyroid hormone thyronamine (TOAM) via molecular imprinted polymers (MIPs). <i>Talanta</i> , 2019, 194, 689-696.	2.9	35
22	Influence of malt on the xanthohumol and isoxanthohumol behavior in pale and dark beers: A micro-scale approach. <i>Food Research International</i> , 2011, 44, 351-359.	2.9	28
23	Determination of free and total diacetyl in wine by HPLC-UV using gas-diffusion microextraction and pre-column derivatization. <i>Food Control</i> , 2012, 24, 220-224.	2.8	24
24	Organochlorine pesticide analysis in milk by gas-diffusion microextraction with gas chromatography-electron capture detection and confirmation by mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1636, 461797.	1.8	22
25	Low Cost, Easy to Prepare and Disposable Electrochemical Molecularly Imprinted Sensor for Diclofenac Detection. <i>Sensors</i> , 2021, 21, 1975.	2.1	22
26	Development of a membraneless extraction module for the extraction of volatile compounds: Application in the chromatographic analysis of vicinal diketones in beer. <i>Talanta</i> , 2010, 81, 372-376.	2.9	20
27	Evaluation of the QuEChERS and magnetic micro dispersive solid-phase extraction of brominated flame retardants in red fruits with determination by GC/MS. <i>Food Chemistry</i> , 2020, 309, 125572.	4.2	14
28	A simple electrochemical detection of atorvastatin based on disposable screen-printed carbon electrodes modified by molecularly imprinted polymer: Experiment and simulation. <i>Analytica Chimica Acta</i> , 2022, 1194, 339410.	2.6	14
29	Polarographic determination of vitamin C after derivatization with o-phenylenediamine. <i>Collection of Czechoslovak Chemical Communications</i> , 2010, 75, 731-741.	1.0	11
30	The Impact of Xanthohumol on a Brewing Yeast's Viability, Vitality and Metabolite Formation. <i>Journal of the Institute of Brewing</i> , 2011, 117, 368-376.	0.8	11
31	Electropolymerized, Molecularly Imprinted Polymer on a Screen-Printed Electrode—A Simple, Fast, and Disposable Voltammetric Sensor for Trazodone. <i>Sensors</i> , 2022, 22, 2819.	2.1	11
32	Cometabolic Degradation of Anti-Inflammatory and Analgesic Pharmaceuticals by a Pentane Enrichment Culture. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	8
33	Development of a molecular imprinted electrochemiluminescence sensor for amitriptyline detection: From MD simulations to experimental implementation. <i>Electrochimica Acta</i> , 2021, 397, 139273.	2.6	8
34	Use of a membraneless extraction module for the voltammetric determination of total sulfites in wine. <i>Collection of Czechoslovak Chemical Communications</i> , 2010, 75, 721-730.	1.0	8
35	Computational Modelling and Sustainable Synthesis of a Highly Selective Electrochemical MIP-Based Sensor for Citalopram Detection. <i>Molecules</i> , 2022, 27, 3315.	1.7	5
36	Voltammetric analysis of metallothioneins and copper (II) in fish for water biomonitoring studies. <i>Environmental Chemistry Letters</i> , 2011, 9, 405-410.	8.3	2

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37	New designs for inhibitors of the NF- κ B: DNA binding. Theoretical Chemistry Accounts, 2005, 113, 197-204.	0.5	1
38	The impact of xanthohumol on a brewing yeast's viability, vitality and metabolite formation. Journal of the Institute of Brewing, 2016, 122, 363-363.	0.8	0