JoÃ£o G Pacheco

List of Publications by Year
in descending order

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38 papers	2,119 citations	279701 23 h-index	330025 37 g-index
39 all docs	39 docs citations	39 times ranked	2510 citing authors

#	Article	IF	Citations
1	A simple electrochemical detection of atorvastatin based on disposable screen-printed carbon electrodes modified by molecularly imprinted polymer: Experiment and simulation. Analytica Chimica Acta, 2022, 1194, 339410.	2.6	14
2	Electropolymerized, Molecularly Imprinted Polymer on a Screen-Printed Electrodeâ€"A Simple, Fast, and Disposable Voltammetric Sensor for Trazodone. Sensors, 2022, 22, 2819.	2.1	11
3	Computational Modelling and Sustainable Synthesis of a Highly Selective Electrochemical MIP-Based Sensor for Citalopram Detection. Molecules, 2022, 27, 3315.	1.7	5
4	Rational development of molecular imprinted carbon paste electrode for Furazolidone detection: theoretical and experimental approach. Sensors and Actuators B: Chemical, 2021, 329, 129112.	4.0	43
5	Organochlorine pesticide analysis in milk by gas-diffusion microextraction with gas chromatography-electron capture detection and confirmation by mass spectrometry. Journal of Chromatography A, 2021, 1636, 461797.	1.8	22
6	Molecularly imprinted polymer-based electrochemical sensors for environmental analysis. Biosensors and Bioelectronics, 2021, 172, 112719.	5.3	149
7	Low Cost, Easy to Prepare and Disposable Electrochemical Molecularly Imprinted Sensor for Diclofenac Detection. Sensors, 2021, 21, 1975.	2.1	22
8	Development of a molecular imprinted electrochemiluminescence sensor for amitriptyline detection: From MD simulations to experimental implementation. Electrochimica Acta, 2021, 397, 139273.	2.6	8
9	Evaluation of the QuEChERS and magnetic micro dispersive solid-phase extraction of brominated flame retardants in red fruits with determination by GC/MS. Food Chemistry, 2020, 309, 125572.	4.2	14
10	Azithromycin electrochemical detection using a molecularly imprinted polymer prepared on a disposable screen-printed electrode. Analytical Methods, 2020, 12, 1486-1494.	1.3	43
11	Electrochemical sensing of ecstasy with electropolymerized molecularly imprinted poly(o-phenylenediamine) polymer on the surface of disposable screen-printed carbon electrodes. Sensors and Actuators B: Chemical, 2019, 290, 378-386.	4.0	77
12	Electrochemical sensing of the thyroid hormone thyronamine (T0AM) via molecular imprinted polymers (MIPs). Talanta, 2019, 194, 689-696.	2.9	35
13	Molecularly imprinted electrochemical sensor for the point-of-care detection of a breast cancer biomarker (CA 15-3). Sensors and Actuators B: Chemical, 2018, 256, 905-912.	4.0	90
14	Breast cancer biomarker (HER2-ECD) detection using a molecularly imprinted electrochemical sensor. Sensors and Actuators B: Chemical, 2018, 273, 1008-1014.	4.0	109
15	Magnetic dispersive micro solid-phase extraction and gas chromatography determination of organophosphorus pesticides in strawberries. Journal of Chromatography A, 2018, 1566, 1-12.	1.8	85
16	Green zero-valent iron nanoparticles for the degradation of amoxicillin. International Journal of Environmental Science and Technology, 2017, 14, 1109-1118.	1.8	44
17	Molecularly imprinted electrochemical sensor prepared on a screen printed carbon electrode for naloxone detection. Sensors and Actuators B: Chemical, 2017, 243, 745-752.	4.0	61
18	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

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19	Cometabolic Degradation of Anti-Inflammatory and Analgesic Pharmaceuticals by a Pentane Enrichment Culture. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	8
20	Molecularly imprinted sensor for voltammetric detection of norfloxacin. Sensors and Actuators B: Chemical, 2015, 219, 301-307.	4.0	81
21	Characterization of green zero-valent iron nanoparticles produced with tree leaf extracts. Science of the Total Environment, 2015, 533, 76-81.	3.9	171
22	Molecularly imprinted electrochemical sensor for ochratoxin A detection in food samples. Sensors and Actuators B: Chemical, 2015, 215, 107-112.	4.0	80
23	MIP-graphene-modified glassy carbon electrode for the determination of trimethoprim. Biosensors and Bioelectronics, 2014, 52, 56-61.	5.3	114
24	Utilization of food industry wastes for the production of zero-valent iron nanoparticles. Science of the Total Environment, 2014, 496, 233-240.	3.9	91
25	Green production of zero-valent iron nanoparticles using tree leaf extracts. Science of the Total Environment, 2013, 445-446, 1-8.	3.9	237
26	Application of green zero-valent iron nanoparticles to the remediation of soils contaminated with ibuprofen. Science of the Total Environment, 2013, 461-462, 323-329.	3.9	155
27	Determination of free and total diacetyl in wine by HPLCâ€“UV using gas-diffusion microextraction and pre-column derivatization. Food Control, 2012, 24, 220-224.	2.8	24
28	Influence of malt on the xanthohumol and isoxanthohumol behavior in pale and dark beers: A micro-scale approach. Food Research International, 2011, 44, 351-359.	2.9	28
29	The Impact of Xanthohumol on a Brewing Yeast's Viability, Vitality and Metabolite Formation. Journal of the Institute of Brewing, 2011, 117, 368-376.	0.8	11
30	Voltammetric analysis of metallothioneins and copper (II) in fish for water biomonitoring studies. Environmental Chemistry Letters, 2011, 9, 405-410.	8.3	2
31	Gasâ€diffusion microextraction. Journal of Separation Science, 2010, 33, 3207-3212.	1.3	43
32	Isolation of phenolic compounds from hop extracts using polyvinylpolypyrrolidone: Characterization by high-performance liquid chromatographyâ€“diode array detectionâ€“electrospray tandem mass spectrometry. Journal of Chromatography A, 2010, 1217, 3258-3268.	1.8	99
33	Analysis of aldehydes in beer by gas-diffusion microextraction: Characterization by high-performance liquid chromatographyâ€“diode-array detectionâ€“atmospheric pressure chemical ionizationâ€“mass spectrometry. Journal of Chromatography A, 2010, 1217, 3717-3722.	1.8	52
34	Polarographic determination of vitamin C after derivatization with o-phenylenediamine. Collection of Czechoslovak Chemical Communications, 2010, 75, 731-741.	1.0	11
35	Determination of free and total sulfites in wine using an automatic flow injection analysis system with voltammetric detection. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2010, 27, 175-180.	1.1	47
36	Development of a membraneless extraction module for the extraction of volatile compounds: Application in the chromatographic analysis of vicinal diketones in beer. Talanta, 2010, 81, 372-376.	2.9	20

#	Article	IF	Citations
37	Use of a membraneless extraction module for the voltammetric determination of total sulfites in wine. Collection of Czechoslovak Chemical Communications, 2010, 75, 721-730.	1.0	8
38	New designs for inhibitors of the NF-ÎºB: DNA binding. Theoretical Chemistry Accounts, 2005, 113, 197-204.	0.5	1