

Joo Paulo da Costa de Noronha

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.

73
papers

2,887
citations

33
h-index

53
g-index

79
ext. papers

3,314
ext. citations

6
avg, IF

5.11
L-index

#	Paper	IF	Citations
73	Application of ED-XRF spectra for determination of macroelements in edible seaweeds. <i>Journal of Food Composition and Analysis</i> , 2022 , 110, 104559	4.1	1
72	Evaluation of Sweat-Sampling Procedures for Human Stress-Biomarker Detection. <i>Analytical Journal of Analytical Chemistry and Chemical Analysis</i> , 2022 , 3, 178-194	1.4	2
71	Umami taste in edible seaweeds: The current comprehension and perception. <i>International Journal of Gastronomy and Food Science</i> , 2021 , 23, 100301	2.8	11
70	Determination of total iodine content in edible seaweeds: Application of inductively coupled plasma-atomic emission spectroscopy. <i>Algal Research</i> , 2021 , 53, 102149	5	10
69	Screening of Potential Stress Biomarkers in Sweat Associated with Sports Training. <i>Sports Medicine - Open</i> , 2021 , 7, 8	6.1	8
68	Selective incorporation of rare earth elements by seaweeds from Cape Mondego, western Portuguese coast. <i>Science of the Total Environment</i> , 2021 , 795, 148860	10.2	2
67	Umami free amino acids in edible green, red, and brown seaweeds from the Portuguese seashore. <i>Journal of Applied Phycology</i> , 2020 , 32, 3331-3339	3.2	10
66	Texture, microstructure and volatile profile of structured guava using agar and gellan gum. <i>International Journal of Gastronomy and Food Science</i> , 2020 , 20, 100207	2.8	6
65	Synthesis and Antibacterial Activity of Ionic Liquids and Organic Salts Based on Penicillin G and Amoxicillin hydrolysate Derivatives against Resistant Bacteria. <i>Pharmaceutics</i> , 2020 , 12,	6.4	22
64	Assessment of fish quality: the Quality Index Method versus HPLC analysis in <i>Sarda sarda</i> (Bloch, 1793). <i>Annals of Medicine</i> , 2019 , 51, 74-74	1.5	78
63	Determination of target biogenic amines in fish by GC-MS: investigating seafood quality. <i>Annals of Medicine</i> , 2019 , 51, 73-73	1.5	2
62	Analysis of Food by High Performance Liquid Chromatography Coupled with Coulometric Detection and Related Techniques: A Review. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 4113-4144	5.7	11
61	Are seaweeds the food of the future? Challenges for its conservation and introduction in the Portuguese diet. <i>Annals of Medicine</i> , 2019 , 51, 169-169	1.5	2
60	Adipocyte proteome and secretome influence inflammatory and hormone pathways in glioma. <i>Metabolic Brain Disease</i> , 2019 , 34, 141-152	3.9	8
59	The effect of chloride ions and organic matter on the photodegradation of acetamiprid in saline waters. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 360, 117-124	4.7	10
58	17 β Ethinylestradiol and 17 β Estradiol removal from a secondary urban wastewater using an RBC treatment system. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 320	3.1	10
57	Metabolism and ecological niche of <i>Tetrasphaera</i> and <i>Ca. Accumulibacter</i> in enhanced biological phosphorus removal. <i>Water Research</i> , 2017 , 122, 159-171	12.5	66

56	Biogenic platinum and palladium nanoparticles as new catalysts for the removal of pharmaceutical compounds. <i>Water Research</i> , 2017 , 108, 160-168	12.5	97
55	Protein imprinted materials designed with charged binding sites on screen-printed electrode for microseminoprotein-beta determination in biological samples. <i>Sensors and Actuators B: Chemical</i> , 2016 , 223, 846-852	8.5	5
54	Testing the variability of PSA expression by different human prostate cancer cell lines by means of a new potentiometric device employing molecularly antibody assembled on graphene surface. <i>Materials Science and Engineering C</i> , 2016 , 59, 1069-1078	8.3	14
53	Priority pesticides in sediments of European coastal lagoons: A review. <i>Marine Pollution Bulletin</i> , 2016 , 112, 6-16	6.7	38
52	Pathways of priority pesticides in sediments of coastal lagoons: The case study of Bidos Lagoon, Portugal. <i>Marine Pollution Bulletin</i> , 2016 , 106, 335-40	6.7	11
51	Influence of dissolved organic matter on the photodegradation and volatilization kinetics of chlorpyrifos in coastal waters. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 310, 189-196	4.7	13
50	Detection of cardiac biomarker proteins using a disposable based on a molecularly imprinted polymer grafted onto graphite. <i>Mikrochimica Acta</i> , 2015 , 182, 975-983	5.8	21
49	Ecotoxicity of ketoprofen, diclofenac, atenolol and their photolysis byproducts in zebrafish (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2015 , 505, 282-9	10.2	80
48	Quinoxaline, its derivatives and applications: A State of the Art review. <i>European Journal of Medicinal Chemistry</i> , 2015 , 97, 664-72	6.8	221
47	Antitumor Activity of Ionic Liquids Based on Ampicillin. <i>ChemMedChem</i> , 2015 , 10, 1480-3	3.7	47
46	Novel sensory surface for creatine kinase electrochemical detection. <i>Biosensors and Bioelectronics</i> , 2014 , 56, 217-22	11.8	38
45	Protein-responsive polymers for point-of-care detection of cardiac biomarker. <i>Sensors and Actuators B: Chemical</i> , 2014 , 196, 123-132	8.5	69
44	Sarcosine oxidase composite screen-printed electrode for sarcosine determination in biological samples. <i>Analytica Chimica Acta</i> , 2014 , 850, 26-32	6.6	41
43	Screening of priority pesticides in <i>Ulva</i> sp. seaweeds by selective pressurized solvent extraction before gas chromatography with electron capture detector analysis. <i>Archives of Environmental Contamination and Toxicology</i> , 2014 , 67, 547-56	3.2	6
42	Antibacterial activity of Ionic Liquids based on ampicillin against resistant bacteria. <i>RSC Advances</i> , 2014 , 4, 4301-4307	3.7	68
41	Novel Prostate Specific Antigen plastic antibody designed with charged binding sites for an improved protein binding and its application in a biosensor of potentiometric transduction. <i>Electrochimica Acta</i> , 2014 , 132, 142-150	6.7	42
40	Antimicrobial activity of quinoxaline 1,4-dioxide with 2- and 3-substituted derivatives. <i>Microbiological Research</i> , 2014 , 169, 287-93	5.3	43
39	Evaluation of solubility and partition properties of ampicillin-based ionic liquids. <i>International Journal of Pharmaceutics</i> , 2013 , 456, 553-9	6.5	72

38	Electrochemical biosensor based on biomimetic material for myoglobin detection. <i>Electrochimica Acta</i> , 2013 , 107, 481-487	6.7	69
37	Effects of ultrasonic irradiation and direct heating on extraction of priority pesticides from marine sediments. <i>International Journal of Environmental Analytical Chemistry</i> , 2013 , 93, 1638-1659	1.8	7
36	Recycling old screen-printed electrodes with newly designed plastic antibodies on the wall of carbon nanotubes as sensory element for in situ detection of bacterial toxins in water. <i>Sensors and Actuators B: Chemical</i> , 2013 , 189, 21-29	8.5	22
35	A label-free DNA aptamer-based impedance biosensor for the detection of E. coli outer membrane proteins. <i>Sensors and Actuators B: Chemical</i> , 2013 , 181, 766-772	8.5	54
34	Smart plastic antibody material (SPAM) tailored on disposable screen printed electrodes for protein recognition: application to myoglobin detection. <i>Biosensors and Bioelectronics</i> , 2013 , 45, 237-44	11.8	74
33	Novel biosensing device for point-of-care applications with plastic antibodies grown on Au-screen printed electrodes. <i>Sensors and Actuators B: Chemical</i> , 2013 , 182, 733-740	8.5	29
32	Photodegradation kinetics and transformation products of ketoprofen, diclofenac and atenolol in pure water and treated wastewater. <i>Journal of Hazardous Materials</i> , 2013 , 244-245, 516-27	12.8	131
31	Propionate addition enhances the biodegradation of the xenobiotic herbicide propanil and its metabolite. <i>Bioresource Technology</i> , 2013 , 127, 195-201	11	9
30	Label-free Detection of Microcystin-LR in Waters Using Real-Time Potentiometric Biosensors Based on Single-Walled Carbon Nanotubes Imprinted Polymers. <i>Procedia Engineering</i> , 2012 , 47, 758-761		2
29	Determination of microcystin-LR in waters in the subnanomolar range by sol-gel imprinted polymers on solid contact electrodes. <i>Analyst, The</i> , 2012 , 137, 2437-44	5	9
28	Biodegradation of clofibric acid and identification of its metabolites. <i>Journal of Hazardous Materials</i> , 2012 , 241-242, 182-9	12.8	33
27	Surface Imprinting Approach on Screen Printed Electrodes Coated with Carboxylated PVC for Myoglobin detection with Electrochemical Transduction. <i>Procedia Engineering</i> , 2012 , 47, 865-868		10
26	Development of novel ionic liquids based on ampicillin. <i>MedChemComm</i> , 2012 , 3, 494	5	83
25	Bacterial Resistance. <i>Biochemistry & Pharmacology: Open Access</i> , 2012 , 01,		1
24	Assessing the removal of pharmaceuticals and personal care products in a full-scale activated sludge plant. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 1818-27	5.1	122
23	Flavored waters: influence of ingredients on antioxidant capacity and terpenoid profile by HS-SPME/GC-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 5062-72	5.7	33
22	Assessing the diurnal variability of pharmaceutical and personal care products in a full-scale activated sludge plant. <i>Environmental Pollution</i> , 2011 , 159, 2359-67	9.3	65
21	Myoglobin-biomimetic electroactive materials made by surface molecular imprinting on silica beads and their use as ionophores in polymeric membranes for potentiometric transduction. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 4760-6	11.8	51

20	Artificial antibodies for troponin T by its imprinting on the surface of multiwalled carbon nanotubes: its use as sensory surfaces. <i>Biosensors and Bioelectronics</i> , 2011 , 28, 243-50	11.8	67
19	Microcystin-LR detection in water by the Fabry-Pérot interferometer using an optical fibre coated with a sol-gel imprinted sensing membrane. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3932-7	11.8	31
18	Ionic liquids as active pharmaceutical ingredients. <i>ChemMedChem</i> , 2011 , 6, 975-85	3.7	238
17	Biological treatment of propanil and 3,4-dichloroaniline: kinetic and microbiological characterisation. <i>Water Research</i> , 2010 , 44, 4980-91	12.5	25
16	Optical cavity fibre sensor for detection of microcystin-LR in water 2010 ,		2
15	Analysis of 65 pharmaceuticals and personal care products in 5 wastewater treatment plants in Portugal using a simplified analytical methodology. <i>Water Science and Technology</i> , 2010 , 62, 2862-71	2.2	93
14	Scavenging activity of aminoantipyridines against hydroxyl radical. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 2258-64	6.8	36
13	Sensors for the Detection and Quantification of Bacterial Contamination in Water for Human Use. <i>Advanced Engineering Materials</i> , 2010 , 12, B175-B178	3.5	3
12	Pesticides in water and the performance of the liquid-phase microextraction based techniques. A review. <i>Microchemical Journal</i> , 2010 , 96, 225-237	4.8	101
11	Bioactivity studies and chemical profile of the antidiabetic plant <i>Genista tenera</i> . <i>Journal of Ethnopharmacology</i> , 2009 , 122, 384-93	5	40
10	Molecular motions in amorphous ibuprofen as studied by broadband dielectric spectroscopy. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 11087-99	3.4	138
9	Use of in vivo ¹³ C nuclear magnetic resonance spectroscopy to elucidate L-arabinose metabolism in yeasts. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 1845-55	4.8	12
8	Isolation and characterization of a stress-inducible <i>Dunaliella salina</i> Lcy-beta gene encoding a functional lycopene beta-cyclase. <i>Applied Microbiology and Biotechnology</i> , 2008 , 79, 819-28	5.7	52
7	A new lupene triterpenetriol and anticholinesterase activity of <i>Salvia sclareoides</i> . <i>Flöoterap</i> , 2007 , 78, 474-81	3.2	42
6	In vitro nitrosation of insulin A- and B-chains. <i>European Journal of Mass Spectrometry</i> , 2006 , 12, 331-8	1.1	2
5	A novel pentacyclic triterpene from <i>Leontodon filii</i> . <i>Flöoterap</i> , 2005 , 76, 173-80	3.2	6
4	A new dihydroxysterol from the marine phytoplankton <i>Diacronema</i> sp. <i>Flöoterap</i> , 2005 , 76, 433-8	3.2	3
3	HPLC-ESI-MS: An Useful Alternative to FAB-MS in the Analysis of Intact Resin Glycosides from Convolvulaceae Plants 2002 , 119-124		

- 2 The propagation of axisymmetric transverse waves along a thin-walled cylindrical pipe.
International Journal of Pressure Vessels and Piping, **1996**, 65, 109-116 2.4 2
- 1 Recognition of vinification technology through gas chromatographic data on enantiomeric purity of free amino acids. *Fresenius Journal of Analytical Chemistry*, **1995**, 352, 783-787 4