

Teresa Pinheiro

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.

99
papers

1,464
citations

20
h-index

34
g-index

109
ext. papers

1,649
ext. citations

3
avg, IF

4.23
L-index

#	Paper	IF	Citations
99	In vitro toxicity of particulate matter emissions from residential pellet combustion.. <i>Journal of Environmental Sciences</i> , 2022 , 115, 215-226	6.4	0
98	Therapeutic potential of vanadium complexes with 1,10-phenanthroline ligands, quo vadis? Fate of complexes in cell media and cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2021 , 217, 111350	4.2	15
97	Sono-Biosynthesis and Characterization of AuNPs from Danube Delta Root Extracts and Their Biological Properties. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
96	Soluble CD40 ligand expression in stable atherosclerosis: A systematic review and meta-analysis. <i>Atherosclerosis</i> , 2021 , 319, 86-100	3.1	2
95	The Proinflammatory Soluble CD40 Ligand Is Associated with the Systemic Extent of Stable Atherosclerosis. <i>Medicina (Lithuania)</i> , 2021 , 57,	3.1	2
94	In vitro toxicity of indoor and outdoor PM from residential wood combustion. <i>Science of the Total Environment</i> , 2021 , 782, 146820	10.2	5
93	Gold(iii) bis(dithiolene) complexes: from molecular conductors to prospective anticancer, antimicrobial and antiplasmodial agents. <i>Metallomics</i> , 2020 , 12, 974-987	4.5	11
92	Copper Complexes with 1,10-Phenanthroline Derivatives: Underlying Factors Affecting Their Cytotoxicity. <i>Inorganic Chemistry</i> , 2020 , 59, 9116-9134	5.1	23
91	Antiproliferative Activity of Functionalized Histidine-derived Au(I) bis-NHC Complexes for Bioconjugation. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 2754-2762	4.5	7
90	Inflammation is associated with the presence and severity of chronic coronary syndrome through soluble CD40 ligand. <i>American Journal of Cardiovascular Disease</i> , 2020 , 10, 329-339	0.9	1
89	Mechanisms underlying the cytotoxic activity of syn/anti-isomers of dinuclear Au(I) NHC complexes. <i>European Journal of Medicinal Chemistry</i> , 2020 , 203, 112576	6.8	4
88	Size-Dependent Biological Activities of Fluorescent Organosilane-Modified Zinc Oxide Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 137-152	4	8
87	Cellular ultrastructural studies and biological effects of copper complexes of phenanthroline derivatives. <i>Annals of Medicine</i> , 2019 , 51, 36-36	1.5	78
86	Modelling the uptake of suspended materials and salts in nearshore waters by plastics using nuclear microscopy and depth profiling analytical tools. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019 , 451, 127-134	1.2	4
85	Pt-Fe ferrocenyl compounds with hydroxyquinoline ligands show selective cytotoxicity on highly proliferative cells. <i>Journal of Inorganic Biochemistry</i> , 2019 , 199, 110779	4.2	10
84	Antitumour and Toxicity Evaluation of a Ru(II)-Cyclopentadienyl Complex in a Prostate Cancer Model by Imaging Tools. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019 , 19, 1262-1275	2.2	8
83	Protein profiling as early detection biomarkers for TiO nanoparticle toxicity in <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2018 , 27, 430-439	2.9	9

82	Myocardial infarction before and after the age of 45: Possible role of platelet receptor polymorphisms. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2018 , 37, 727-735	0	2
81	Myocardial infarction before and after the age of 45: Possible role of platelet receptor polymorphisms. <i>Revista Portuguesa De Cardiologia</i> , 2018 , 37, 727-735	1	7
80	Using nuclear microscopy to characterize the interaction of textile-used silver nanoparticles with a biological wastewater treatment system. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017 , 404, 150-154	1.2	3
79	3D map distribution of metallic nanoparticles in whole cells using MeV ion microscopy. <i>Journal of Microscopy</i> , 2017 , 267, 227-236	1.9	6
78	New Cu(II) complexes with pyrazolyl derived Schiff base ligands: Synthesis and biological evaluation. <i>Journal of Inorganic Biochemistry</i> , 2017 , 174, 63-75	4.2	36
77	Prognostic evaluation of soluble CD40L in acute myocardial infarction: is not fancy, is science!. <i>Annals of Translational Medicine</i> , 2017 , 5, 90	3.2	4
76	Stratification of ST-elevation myocardial infarction patients based on soluble CD40L longitudinal changes. <i>Translational Research</i> , 2016 , 176, 95-104	11	6
75	Air Quality in Metal Industries. <i>Comprehensive Analytical Chemistry</i> , 2016 , 731-764	1.9	1
74	A review of critical factors for assessing the dermal absorption of metal oxide nanoparticles from sunscreens applied to humans, and a research strategy to address current deficiencies. <i>Archives of Toxicology</i> , 2015 , 89, 1909-30	5.8	41
73	Changes of the elemental distributions in marine diatoms as a reporter of sample preparation artefacts. A nuclear microscopy application. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 348, 265-268	1.2	2
72	Impact of inflammation on iron stores in involved and non-involved psoriatic skin. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 348, 119-122	1.2	1
71	The suitability of EBC-Pb as a new biomarker to assess occupational exposure to lead. <i>International Journal of Environmental Health Research</i> , 2015 , 25, 67-80	3.6	8
70	Changes of soluble CD40 ligand in the progression of acute myocardial infarction associate to endothelial nitric oxide synthase polymorphisms and vascular endothelial growth factor but not to platelet CD62P expression. <i>Translational Research</i> , 2015 , 166, 650-9	11	15
69	Elemental mapping inventory of the fish <i>Liza aurata</i> brain: a biomarker of metal pollution vulnerability. <i>Metallomics</i> , 2015 , 7, 277-82	4.5	
68	Microdistribution of major to trace elements between roots of <i>Halimione portulacoides</i> and host sediments (Tagus estuary marsh, Portugal). <i>Plant and Soil</i> , 2014 , 376, 129-137	4.2	5
67	Chemical profile of fugitive particulate emissions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 300, 653-661	1.5	1
66	Imaging of intracellular metal partitioning in marine diatoms exposed to metal pollution: consequences to cellular toxicity and metal fate in the environment. <i>Metallomics</i> , 2014 , 6, 1626-31	4.5	18
65	Distribution and quantitation of skin iron in primary haemochromatosis: correlation with total body iron stores in patients undergoing phlebotomy. <i>Acta Dermato-Venereologica</i> , 2014 , 94, 14-9	2.2	9

64	Prognostic value of VEGF in patients submitted to percutaneous coronary intervention. <i>Disease Markers</i> , 2014 , 2014, 135357	3.2	11
63	T lymphocytes alterations are associated with oxidized LDL, troponin T, white blood cells and C-reactive protein during acute myocardial infarction. <i>Clinical Hemorheology and Microcirculation</i> , 2014 , 56, 57-66	2.5	
62	Fifteen years of nuclear techniques application to suspended particulate matter studies. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 297, 347-356	1.5	36
61	Exhaled breath condensate as a biomonitor for metal exposure: a new analytical challenge. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 297, 377-382	1.5	9
60	Nuclear microscopy as a tool in TiO ₂ nanoparticles bioaccumulation studies in aquatic species. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013 , 306, 117-120	1.2	8
59	Micro-scale elemental partition in tissues of the aquatic plant <i>Lemna minor</i> L. exposed to highway drainage water. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013 , 306, 150-152	1.2	4
58	Assessment of exposure to metals in lead processing industries. <i>International Journal of Hygiene and Environmental Health</i> , 2013 , 216, 17-24	6.9	15
57	T lymphocytes alterations are associated with oxidized LDL, troponin T, white blood cells and C-reactive protein during acute myocardial infarction. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 55, 349-58	2.5	3
56	Biomarkers of exposure to metal dust in exhaled breath condensate: methodology optimization. <i>Archives of Environmental and Occupational Health</i> , 2013 , 68, 72-9	2	11
55	Characterization of dust material emitted during harbour activities by k0-INAA and PIXE. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012 , 291, 77-82	1.5	19
54	INAA and PIXE characterization of heavy metals and rare earth elements emissions from phosphorite handling in harbours. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012 , 294, 277-281	1.5	8
53	Consequences of a fat diet in the distribution of minerals within pancreatic tissues of rats and rabbits. <i>Microscopy and Microanalysis</i> , 2012 , 18, 1060-6	0.5	6
52	Clastogenic plasma factors in psoriasis--comparison of phototherapy and anti-TNF- α treatments. <i>Photochemistry and Photobiology</i> , 2011 , 87, 1427-32	3.6	3
51	Particulate matter in exhaled breath condensate: A promising indicator of environmental conditions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011 , 269, 2404-2408	1.2	7
50	Using the exhaled breath condensate as a tool for non-invasive evaluation of pollutant exposure. <i>International Journal of Environment and Health</i> , 2010 , 4, 293	1.3	9
49	k0-INAA performance in the measurement of filters sampled in an industry with high loadings of metals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 622, 453-455	1.2	8
48	Micro-scale elemental distribution in the thallus of <i>Flavoparmelia caperata</i> transplanted to polluted site. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009 , 281, 205-210	1.5	8
47	Changes of iron concentrations in skin and plasma of patients with hemochromatosis along therapy. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009 , 281, 161-164	1.5	1

46	X-ray tomography as a complementary technique to nuclear microscopy for biomedical applications. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009 , 267, 2103-2106	1.2	3
45	Imaging iron in skin and liver: Non-invasive tools for hemochromatosis therapy. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009 , 267, 2140-2143	1.2	2
44	Stratum corneum is an effective barrier to TiO ₂ and ZnO nanoparticle percutaneous absorption. <i>Skin Pharmacology and Physiology</i> , 2009 , 22, 266-75	3	157
43	Metallothionein levels in Algerian mice (<i>Mus spretus</i>) exposed to elemental pollution: an ecophysiological approach. <i>Chemosphere</i> , 2008 , 71, 1340-7	8.4	22
42	BIOLOGICAL AND MEDICAL APPLICATIONS OF PIXE. <i>International Journal of PIXE</i> , 2008 , 18, 77-89	0.1	
41	Is there penetration of titania nanoparticles in sunscreens through skin? A comparative electron and ion microscopy study. <i>Nanotoxicology</i> , 2008 , 2, 218-231	5.3	60
40	Nuclear microscopy: a tool for imaging elemental distribution and percutaneous absorption in vivo. <i>Microscopy Research and Technique</i> , 2007 , 70, 302-9	2.8	32
39	Use of micro-PIXE in the study of arsenate uptake in lichens and its influence on element distribution and concentrations. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 260, 245-253 ^{1.2}		13
38	The influence of corneocyte structure on the interpretation of permeation profiles of nanoparticles across skin. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 260, 119-123	1.2	52
37	Variations in inflammatory markers in acute myocardial infarction: a longitudinal study. <i>Revista Portuguesa De Cardiologia</i> , 2007 , 26, 1357-63	1	13
36	Elemental distributions in femoral bone of rat under osteoporosis preventive treatments. <i>Journal of Microscopy</i> , 2006 , 224, 298-305	1.9	11
35	Using skin to assess iron accumulation in human metabolic disorders. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006 , 249, 697-701	1.2	6
34	Redox balance and blood elemental levels in atherosclerosis. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006 , 249, 702-705	1.2	
33	An assessment of time-dependent effects of lead exposure in algerian mice (<i>Mus spretus</i>) using different methodological approaches. <i>Biological Trace Element Research</i> , 2006 , 109, 75-90	4.5	17
32	Systemic markers of the redox balance and apolipoprotein E polymorphism in atherosclerosis: the relevance for an integrated study. <i>Biological Trace Element Research</i> , 2006 , 112, 57-75	4.5	4
31	Skin morphology and layer identification using different STIM geometries. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005 , 231, 292-299	1.2	25
30	Morphologic characterisation and elemental distribution of <i>Octopus vulgaris</i> Cuvier, 1797 vestigial shell. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005 , 231, 345-349	1.2	11
29	Elemental characterization of tissues of <i>Octopus vulgaris</i> along the Portuguese coast. <i>Science of the Total Environment</i> , 2005 , 345, 41-9	10.2	38

28	Effect of hormone replacement therapy on the elemental contents of uterine tissue. <i>Biological Trace Element Research</i> , 2004 , 101, 37-46	4.5	6
27	Systemic markers of the redox balance in chronic obstructive pulmonary disease. <i>Biomarkers</i> , 2004 , 9, 461-9	2.6	49
26	Analysis of a Roman Centaurus from Canas de Senhorim (Portugal)-Comparative study using EDXRF and SXRF. <i>European Physical Journal Special Topics</i> , 2003 , 104, 523-526		6
25	Hepatic elemental contents and antioxidant enzyme activities in Algerian mice (<i>Mus spretus</i>) inhabiting a mine area in central Portugal. <i>Science of the Total Environment</i> , 2003 , 311, 101-9	10.2	27
24	Iron deposition in skin of patients with haemochromatosis. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003 , 210, 373-377	1.2	1
23	Imaging and quantification of trace metals in thin biological specimens using microprobe techniques: Synchrotron induced X-ray fluorescence microprobe and nuclear microprobe. <i>European Physical Journal Special Topics</i> , 2003 , 104, 321-324		6
22	PIXE studies of osteoporosis preventive treatments. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002 , 189, 431-436	1.2	5
21	Influence of age, sex, and sexual activity on trace element levels and antioxidant enzyme activities in field mice (<i>Apodemus sylvaticus</i> and <i>Mus spretus</i>). <i>Biological Trace Element Research</i> , 2002 , 85, 227-394	4.5	22
20	Quality assurance of X-ray spectrometry for chemical analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001 , 56, 2095-2106	3.1	23
19	Mobilisation of toxic elements in the human respiratory system. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2001 , 181, 499-505	1.2	2
18	Response of antioxidant enzymes in freshwater fish populations (<i>Leuciscus alburnoides</i> complex) to inorganic pollutants exposure. <i>Science of the Total Environment</i> , 2001 , 280, 153-63	10.2	116
17	Analysis of human teeth and bones from the chalcolithic period by X-ray spectrometry. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2000 , 168, 559-565	1.2	53
16	Biological monitoring of toxic metals in steel workers respiratory health survey. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999 , 150, 185-192	1.2	3
15	Pollution assessment in the Trancão river basin (Portugal) by PIXE, EDXRF and isotopic analysis. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999 , 150, 306-311	1.2	3
14	Airborne particulate matter localisation in the human respiratory system. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999 , 158, 499-504	1.2	3
13	Microprobe analysis of teeth by synchrotron radiation: environmental contamination. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999 , 158, 393-398	1.2	22
12	Distribution of bismuth in the rat after oral dosing with ranitidine bismuth citrate and bismuth subcitrate. <i>Journal of Pharmacy and Pharmacology</i> , 1998 , 50, 279-83	4.8	16
11	Elemental composition in sediments and water in the Trancão river basin. A preliminary study. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1998 , 136-138, 1005-1012	1.2	7

10	Amalgam components drift in teeth-toxicity risks: A preliminary approach. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1998 , 136-138, 913-918	1.2	15
9	Modifications in <i>Crassostrea gigas</i> shell composition exposed to high concentrations of lead. <i>Aquatic Toxicology</i> , 1998 , 40, 323-334	5.1	24
8	Dyspepsia treatment with Al compounds widely used in clinical practice [An animal model approach]. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1996 , 109-110, 318-322	1.2	1
7	A view on elemental distribution alterations of coronary artery walls in atherogenesis. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1995 , 104, 344-350	1.2	8
6	Applications in medicine using the new Lund microprobe. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1993 , 77, 287-293	1.2	17
5	Trace element changes in cardiovascular diseases. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1993 , 75, 160-164	1.2	3
4	Experimental investigations into sample preparation of Alzheimer tissue specimens for nuclear microprobe analysis. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1991 , 54, 186-190	1.2	2
3	Applicability of microwave acid digestion to sample preparation of biological materials for analysis by particle-induced X-ray emission (PIXE). <i>Biological Trace Element Research</i> , 1990 , 26-27, 589-97	4.5	13
2	Brain trace element alterations in atherosclerosis. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1990 , 49, 191-194	1.2	4
1	L-shell X-ray production cross sections for PIXE analysis of elements from Ag to U. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1986 , 15, 595-597	1.2	19