

# Joo Paulo Teixeira

## List of Publications by Citations

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190  
papers

5,005  
citations

38  
h-index

62  
g-index

235  
ext. papers

6,229  
ext. citations

5.2  
avg, IF

5.44  
L-index

#	Paper	IF	Citations
190	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 705-715	59.2	520
189	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. <i>Environmental Health Perspectives</i> , <b>2017</b> , 125, 106002	8.4	210
188	Neuronal cytotoxicity and genotoxicity induced by zinc oxide nanoparticles. <i>Environment International</i> , <b>2013</b> , 55, 92-100	12.9	144
187	Variation in the measurement of DNA damage by comet assay measured by the ECVAG inter-laboratory validation trial. <i>Mutagenesis</i> , <b>2010</b> , 25, 113-23	2.8	129
186	Are iron oxide nanoparticles safe? Current knowledge and future perspectives. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2016</b> , 38, 53-63	4.1	127
185	Integrating health on air quality assessment--review report on health risks of two major European outdoor air pollutants: PM and NO <sub>2</sub> <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2014</b> , 17, 307-40	8.6	106
184	Indoor air quality in schools and its relationship with children's respiratory symptoms. <i>Atmospheric Environment</i> , <b>2015</b> , 118, 145-156	5.3	97
183	Effects of iron oxide nanoparticles: cytotoxicity, genotoxicity, developmental toxicity, and neurotoxicity. <i>Environmental and Molecular Mutagenesis</i> , <b>2015</b> , 56, 125-48	3.2	97
182	Genotoxic damage in pathology anatomy laboratory workers exposed to formaldehyde. <i>Toxicology</i> , <b>2008</b> , 252, 40-8	4.4	92
181	Heavy metal pollution in mine-boil-plant system in S. Francisco de Assis (Panasqueira mine (Portugal)). <i>Applied Geochemistry</i> , <b>2014</b> , 44, 12-26	3.5	91
180	Comparative study on effects of two different types of titanium dioxide nanoparticles on human neuronal cells. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 57, 352-61	4.7	80
179	Minimum Information for Reporting on the Comet Assay (MIRCA): recommendations for describing comet assay procedures and results. <i>Nature Protocols</i> , <b>2020</b> , 15, 3817-3826	18.8	79
178	Influence of the surface coating on the cytotoxicity, genotoxicity and uptake of gold nanoparticles in human HepG2 cells. <i>Journal of Applied Toxicology</i> , <b>2013</b> , 33, 1111-9	4.1	76
177	Evaluation of genotoxicity in a group of workers from a petroleum refinery aromatics plant. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2006</b> , 604, 19-27	3	72
176	Oxidative Stress and DNA Damage: Implications in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , <b>2015</b> , 21, 2403-17	4.5	71
175	The effects of GSTM1 and GSTT1 polymorphisms on micronucleus frequencies in human lymphocytes in vivo. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2006</b> , 15, 1038-42	4	67
174	Inter-laboratory variation in DNA damage using a standard comet assay protocol. <i>Mutagenesis</i> , <b>2012</b> , 27, 665-72	2.8	64

173	Assessment of immunotoxicity parameters in individuals occupationally exposed to lead. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2012</b> , 75, 807-18	3.2	64
172	In vitro cytotoxicity of superparamagnetic iron oxide nanoparticles on neuronal and glial cells. Evaluation of nanoparticle interference with viability tests. <i>Journal of Applied Toxicology</i> , <b>2016</b> , 36, 361-72 <sup>1</sup>	4.1	63
171	Cytogenetic and molecular biomonitoring of a Portuguese population exposed to pesticides. <i>Mutagenesis</i> , <b>2006</b> , 21, 343-50	2.8	62
170	An ECVAG inter-laboratory validation study of the comet assay: inter-laboratory and intra-laboratory variations of DNA strand breaks and FPG-sensitive sites in human mononuclear cells. <i>Mutagenesis</i> , <b>2013</b> , 28, 279-86	2.8	61
169	Indoor air quality and thermal comfort in elderly care centers. <i>Urban Climate</i> , <b>2015</b> , 14, 486-501	6.8	59
168	Indoor air quality in Portuguese schools: levels and sources of pollutants. <i>Indoor Air</i> , <b>2016</b> , 26, 526-37	5.4	59
167	Indoor air quality and thermal comfort-results of a pilot study in elderly care centers in Portugal. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2013</b> , 76, 333-44	3.2	57
166	Effects of titanium dioxide nanoparticles in human gastric epithelial cells in vitro. <i>Biomedicine and Pharmacotherapy</i> , <b>2014</b> , 68, 59-64	7.5	55
165	Occupational exposure to styrene: modulation of cytogenetic damage and levels of urinary metabolites of styrene by polymorphisms in genes CYP2E1, EPHX1, GSTM1, GSTT1 and GSTP1. <i>Toxicology</i> , <b>2004</b> , 195, 231-42	4.4	54
164	Metal(loid) levels in biological matrices from human populations exposed to mining contamination--Panasqueira Mine (Portugal). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2012</b> , 75, 893-908	3.2	53
163	Assessment and determinants of airborne bacterial and fungal concentrations in different indoor environments: Homes, child day-care centres, primary schools and elderly care centres. <i>Atmospheric Environment</i> , <b>2015</b> , 109, 139-146	5.3	51
162	Genotoxic effects of occupational exposure to lead and influence of polymorphisms in genes involved in lead toxicokinetics and in DNA repair. <i>Environment International</i> , <b>2012</b> , 43, 29-36	12.9	51
161	Polycyclic aromatic hydrocarbons at fire stations: firefighters' exposure monitoring and biomonitoring, and assessment of the contribution to total internal dose. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 323, 184-194	12.8	48
160	Genotoxic effects in a population of nurses handling antineoplastic drugs, and relationship with genetic polymorphisms in DNA repair enzymes. <i>American Journal of Industrial Medicine</i> , <b>2005</b> , 48, 128-36 <sup>2-7</sup>	2.7	47
159	Self-disinfecting surfaces and infection control. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 178, 8-21	6	44
158	Comet assay reveals no genotoxicity risk of cationic solid lipid nanoparticles. <i>Journal of Applied Toxicology</i> , <b>2014</b> , 34, 395-403	4.1	44
157	Genetic effects and biotoxicity monitoring of occupational styrene exposure. <i>Clinica Chimica Acta</i> , <b>2009</b> , 399, 8-23	6.2	44
156	Aromatic DNA adduct levels in coke oven workers: correlation with polymorphisms in genes GSTP1, GSTM1, GSTT1 and CYP1A1. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2002</b> , 517, 147-55	3	44

155	Increased levels of chromosomal aberrations and DNA damage in a group of workers exposed to formaldehyde. <i>Mutagenesis</i> , <b>2015</b> , 30, 463-73	2.8	43
154	Assessment of indoor air exposure at residential homes: Inhalation dose and lung deposition of PM, PM and ultrafine particles among newborn children and their mothers. <i>Science of the Total Environment</i> , <b>2020</b> , 717, 137293	10.2	40
153	Neuroprotective effect of steroidal alkaloids on glutamate-induced toxicity by preserving mitochondrial membrane potential and reducing oxidative stress. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2014</b> , 140, 106-15	5.1	39
152	Is organic farming safer to farmers' health? A comparison between organic and traditional farming. <i>Toxicology Letters</i> , <b>2014</b> , 230, 166-76	4.4	38
151	Occupational exposure to formaldehyde: genotoxic risk evaluation by comet assay and micronucleus test using human peripheral lymphocytes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2011</b> , 74, 1040-51	3.2	35
150	DNA Damage and Oxidative DNA Damage in Inflammatory Bowel Disease. <i>Journal of Crohns and Colitis</i> , <b>2016</b> , 10, 1316-1323	1.5	35
149	Biomonitoring of a population of Portuguese workers exposed to lead. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2011</b> , 721, 81-8	3	34
148	Micronucleus analysis in a Portuguese population exposed to pesticides: preliminary survey. <i>International Journal of Hygiene and Environmental Health</i> , <b>2007</b> , 210, 415-8	6.9	33
147	Short term associations of ambient nitrogen dioxide with daily total, cardiovascular, and respiratory mortality: multilocation analysis in 398 cities. <i>BMJ, The</i> , <b>2021</b> , 372, n534	5.9	33
146	Biomonitoring of several toxic metal(loid)s in different biological matrices from environmentally and occupationally exposed populations from Panasqueira mine area, Portugal. <i>Environmental Geochemistry and Health</i> , <b>2014</b> , 36, 255-69	4.7	32
145	Prevalence of hepatitis E virus antibodies in workers occupationally exposed to swine in Portugal. <i>Medical Microbiology and Immunology</i> , <b>2017</b> , 206, 77-81	4	32
144	Environmental and ventilation assessment in Child Day Care Centers in Porto: the ENVIRH Project. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2014</b> , 77, 931-43	3.2	30
143	A cost-efficiency and health benefit approach to improve urban air quality. <i>Science of the Total Environment</i> , <b>2016</b> , 569-570, 342-351	10.2	30
142	Toxicological impact of acute exposure to E171 food additive and TiO nanoparticles on a co-culture of Caco-2 and HT29-MTX intestinal cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2019</b> , 845, 402980	3	29
141	Cytogenetic and immunological effects associated with occupational formaldehyde exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2013</b> , 76, 217-29	3.2	28
140	Firefighters' exposure biomonitoring: Impact of firefighting activities on levels of urinary monohydroxyl metabolites. <i>International Journal of Hygiene and Environmental Health</i> , <b>2016</b> , 219, 857-866	6.9	28
139	Air pollution: A public health approach for Portugal. <i>Science of the Total Environment</i> , <b>2018</b> , 643, 1041-1053	10.2	28
138	Moving into advanced nanomaterials. Toxicity of rutile TiO nanoparticles immobilized in nanokaolin nanocomposites on HepG2 cell line. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 316, 114-122	4.6	27

137	Identifying Sources and Assessing Potential Risk of Exposure to Heavy Metals and Hazardous Materials in Mining Areas: The Case Study of Panasqueira Mine (Central Portugal) as an Example. <i>Geosciences (Switzerland)</i> , <b>2014</b> , 4, 240-268	2.7	27
136	In vitro neurotoxicity evaluation of piperazine designer drugs in differentiated human neuroblastoma SH-SY5Y cells. <i>Journal of Applied Toxicology</i> , <b>2016</b> , 36, 121-30	4.1	25
135	Occupational exposure to formaldehyde and early biomarkers of cancer risk, immunotoxicity and susceptibility. <i>Environmental Research</i> , <b>2019</b> , 179, 108740	7.9	25
134	Integrated approach to assess the environmental impact of mining activities: estimation of the spatial distribution of soil contamination (Panasqueira mining area, Central Portugal). <i>Environmental Monitoring and Assessment</i> , <b>2015</b> , 187, 135	3.1	25
133	Indoor fungal diversity in primary schools may differently influence allergic sensitization and asthma in children. <i>Pediatric Allergy and Immunology</i> , <b>2017</b> , 28, 332-339	4.2	24
132	Children's Health and Indoor Air Quality in Primary Schools and Homes in Portugal-Study Design. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2015</b> , 78, 915-30	3.2	24
131	Toxicological assessment of silica-coated iron oxide nanoparticles in human astrocytes. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 118, 13-23	4.7	24
130	Acid mine drainage from the Panasqueira mine and its influence on Zêzere river (Central Portugal). <i>Journal of African Earth Sciences</i> , <b>2014</b> , 99, 705-712	2.2	24
129	Variation of DNA damage levels in peripheral blood mononuclear cells isolated in different laboratories. <i>Mutagenesis</i> , <b>2014</b> , 29, 241-9	2.8	22
128	Health impact of living near an abandoned mine--case study: Jales mines. <i>International Journal of Hygiene and Environmental Health</i> , <b>2007</b> , 210, 399-402	6.9	22
127	Assessment of health benefits related to air quality improvement strategies in urban areas: An Impact Pathway Approach. <i>Journal of Environmental Management</i> , <b>2016</b> , 183, 694-702	7.9	22
126	Assessment of oxidative damage induced by iron oxide nanoparticles on different nervous system cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2019</b> , 845, 402989	3	22
125	toxicity evaluation of silica-coated iron oxide nanoparticles in human SHSY5Y neuronal cells. <i>Toxicology Research</i> , <b>2016</b> , 5, 235-247	2.6	21
124	Association of inflammatory mediators with frailty status in older adults: results from a systematic review and meta-analysis. <i>GeroScience</i> , <b>2020</b> , 42, 1451-1473	8.9	21
123	Firefighters exposure to fire emissions: Impact on levels of biomarkers of exposure to polycyclic aromatic hydrocarbons and genotoxic/oxidative-effects. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 383, 121179	12.8	21
122	The impact of indoor air quality and contaminants on respiratory health of older people living in long-term care residences in Porto. <i>Age and Ageing</i> , <b>2016</b> , 45, 136-42	3	20
121	Occupational exposure of firefighters to polycyclic aromatic hydrocarbons in non-fire work environments. <i>Science of the Total Environment</i> , <b>2017</b> , 592, 277-287	10.2	19
120	Carcinogenicity of quinoline, styrene, and styrene-7,8-oxide. <i>Lancet Oncology</i> , <b>2018</b> ,	21.7	19

119	Identification and levels of airborne fungi in Portuguese primary schools. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2014</b> , 77, 816-26	3.2	19
118	Self-assembled dextrin nanogel as protein carrier: controlled release and biological activity of IL-10. <i>Biotechnology and Bioengineering</i> , <b>2011</b> , 108, 1977-86	4.9	19
117	Assessment of occupational genotoxic risk in the production of rubber tyres. <i>Annals of Occupational Hygiene</i> , <b>2006</b> , 50, 583-92		19
116	Oxidative stress, genomic features and DNA repair in frail elderly: A systematic review. <i>Ageing Research Reviews</i> , <b>2017</b> , 37, 1-15	12	19
115	Effect of indoor air quality of day care centers in children with different predisposition for asthma. <i>Pediatric Allergy and Immunology</i> , <b>2016</b> , 27, 299-306	4.2	19
114	Medication use in older patients and age-blind approach: narrative literature review (insufficient evidence on the efficacy and safety of drugs in older age, frequent use of PIMs and polypharmacy, and underuse of highly beneficial nonpharmacological strategies). <i>European Journal of Clinical Pharmacology</i> , <b>2018</b> , 75, 151-166	2.8	19
113	Cellular and Molecular Toxicity of Iron Oxide Nanoparticles. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1048, 199-213	3.6	18
112	Indoor exposure to bioaerosol particles: levels and implications for inhalation dose rates in schoolchildren. <i>Air Quality, Atmosphere and Health</i> , <b>2018</b> , 11, 955-964	5.6	18
111	Neurotoxicity assessment of oleic acid-coated iron oxide nanoparticles in SH-SY5Y cells. <i>Toxicology</i> , <b>2018</b> , 406-407, 81-91	4.4	18
110	From inequitable to sustainable e-waste processing for reduction of impact on human health and the environment. <i>Environmental Research</i> , <b>2021</b> , 194, 110728	7.9	18
109	Genotoxicity of TiO Nanoparticles in Four Different Human Cell Lines (A549, HEPG2, A172 and SH-SY5Y). <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	17
108	WaterRock Interaction and Geochemical Processes in Surface Waters Influenced by Tailings Impoundments: Impact and Threats to the Ecosystems and Human Health in Rural Communities (Panasqueira Mine, Central Portugal). <i>Water, Air, and Soil Pollution</i> , <b>2015</b> , 226, 1	2.6	17
107	Cytogenetic and DNA damage on workers exposed to styrene. <i>Mutagenesis</i> , <b>2010</b> , 25, 617-21	2.8	17
106	Assessment of indoor air exposure among newborns and their mothers: Levels and sources of PM <sub>10</sub> , PM <sub>2.5</sub> and ultrafine particles at 65 home environments. <i>Environmental Pollution</i> , <b>2020</b> , 264, 114746	9.3	17
105	School environment associates with lung function and autonomic nervous system activity in children: a cross-sectional study. <i>Scientific Reports</i> , <b>2019</b> , 9, 15156	4.9	16
104	Nanoparticle exposure and hazard in the ceramic industry: an overview of potential sources, toxicity and health effects. <i>Environmental Research</i> , <b>2020</b> , 184, 109297	7.9	16
103	Predicted temperature-increase-induced global health burden and its regional variability. <i>Environment International</i> , <b>2019</b> , 131, 105027	12.9	16
102	Gold nanorods induce early embryonic developmental delay and lethality in zebrafish ( <i>Danio rerio</i> ). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2017</b> , 80, 672-687	3.2	16

101	Association between Polymorphisms in Antioxidant Genes and Inflammatory Bowel Disease. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169102	3.7	16
100	The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2021</b> , 787, 108371	7	16
99	The Influence of Thermal Comfort on the Quality of Life of Nursing Home Residents. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2017</b> , 80, 729-739	3.2	15
98	Environmental determinants of population health in urban settings. A systematic review. <i>BMC Public Health</i> , <b>2020</b> , 20, 853	4.1	15
97	Multiple genotoxic activities of ptaquiloside in human lymphocytes: aneuploidy, clastogenesis and induction of sister chromatid exchange. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2012</b> , 747, 77-81	3	15
96	DNA damage and susceptibility assessment in industrial workers exposed to styrene. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2012</b> , 75, 735-46	3.2	15
95	Chemical exposure and occupational symptoms among Portuguese hairdressers. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2011</b> , 74, 993-1000	3.2	15
94	Genotoxic damage in hospital workers exposed to ionizing radiation and metabolic gene polymorphisms. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2012</b> , 75, 934-46	3.2	15
93	Children exposure to indoor ultrafine particles in urban and rural school environments. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 13877-85	5.1	15
92	Individual and cumulative impacts of fire emissions and tobacco consumption on wildland firefighters' total exposure to polycyclic aromatic hydrocarbons. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 334, 10-20	12.8	14
91	Exposure of Children to Ultrafine Particles in Primary Schools in Portugal. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2015</b> , 78, 904-14	3.2	14
90	Low Vitamin D Levels and Frailty Status in Older Adults: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	14
89	Potassium bromate as positive assay control for the Fpg-modified comet assay. <i>Mutagenesis</i> , <b>2020</b> , 35, 341-348	2.8	13
88	Genotoxic effect of exposure to metal(loid)s. A molecular epidemiology survey of populations living and working in Panasqueira mine area, Portugal. <i>Environment International</i> , <b>2013</b> , 60, 163-70	12.9	13
87	Chronic respiratory diseases and quality of life in elderly nursing home residents. <i>Chronic Respiratory Disease</i> , <b>2016</b> , 13, 211-9	3	12
86	A pilot study on semivolatile organic compounds in senior care facilities: Implications for older adult exposures. <i>Environmental Pollution</i> , <b>2018</b> , 240, 908-915	9.3	12
85	Biological air contamination in elderly care centers: geria project. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2014</b> , 77, 944-58	3.2	12
84	Styrene-oxide N-terminal valine haemoglobin adducts in reinforced plastic workers: possible influence of genetic polymorphism of drug-metabolising enzymes. <i>Toxicology</i> , <b>2007</b> , 237, 58-64	4.4	12

83	Lead exposure of children and newborns in Porto, Portugal. <i>International Journal of Hygiene and Environmental Health</i> , <b>2007</b> , 210, 411-4	6.9	11
82	Prolonged exposure of <i>Stenotrophomonas maltophilia</i> biofilms to trace levels of clofibrac acid alters antimicrobial tolerance and virulence. <i>Chemosphere</i> , <b>2019</b> , 235, 327-335	8.4	10
81	Urinary 2,5 hexanedione as a biomarker of n-hexane exposure. <i>Biomarkers</i> , <b>2002</b> , 7, 299-305	2.6	10
80	A review of exposure assessment methods for epidemiological studies of health effects related to industrially contaminated sites. <i>Epidemiologia E Prevenzione</i> , <b>2018</b> , 42, 21-36	1.1	10
79	Wood smoke exposure of Portuguese wildland firefighters: DNA and oxidative damage evaluation. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2017</b> , 80, 596-604	3.2	9
78	Immunological alterations in individuals exposed to metal(loid)s in the Panasqueira mining area, Central Portugal. <i>Science of the Total Environment</i> , <b>2014</b> , 475, 1-7	10.2	9
77	Micronucleus frequencies in lymphocytes and reticulocytes in a pesticide-exposed population in Portugal. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2011</b> , 74, 960-70	3.2	9
76	Exposure assessment in one central hospital: A multi-approach protocol to achieve an accurate risk characterization. <i>Environmental Research</i> , <b>2020</b> , 181, 108947	7.9	9
75	Effects of Hot Nights on Mortality in Southern Europe. <i>Epidemiology</i> , <b>2021</b> , 32, 487-498	3.1	9
74	Chemical characterization and in vitro cyto- and genotoxicity of legal high products containing Kratom ( <i>Mitragyna speciosa</i> ). <i>Forensic Toxicology</i> , <b>2016</b> , 34, 213-226	2.6	8
73	Modeling of human exposure to benzene in urban environments. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2014</b> , 77, 777-95	3.2	8
72	Environment and Health in Children Day Care Centres (ENVIRH) - Study rationale and protocol. <i>Revista Portuguesa De Pneumologia</i> , <b>2014</b> , 20, 311-23		8
71	Positive impact of the Portuguese smoking law on respiratory health of restaurant workers. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2012</b> , 75, 776-87	3.2	8
70	Population exposure to particulate-matter and related mortality due to the Portuguese wildfires in October 2017 driven by storm Ophelia. <i>Environment International</i> , <b>2020</b> , 144, 106056	12.9	8
69	DNA damage in circulating leukocytes measured with the comet assay may predict the risk of death. <i>Scientific Reports</i> , <b>2021</b> , 11, 16793	4.9	8
68	Vitamin D3 as adjuvant in the treatment of type 2 diabetes mellitus: modulation of genomic and biochemical instability. <i>Mutagenesis</i> , <b>2019</b> , 34, 135-145	2.8	7
67	Indoor air quality and atopic sensitization in primary schools: A follow-up study. <i>Porto Biomedical Journal</i> , <b>2016</b> , 1, 142-146	1.1	7
66	The cytokinesis-block micronucleus (CBMN) assay in human populations exposed to styrene: A systematic review and meta-analysis. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2016</b> , 770, 92-105	7	7



65	Mining Activities: Health Impacts <b>2019</b> , 415-435		7
64	Characterization of fungal communities in house dust samples collected from central Portugal-a preliminary survey. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2014</b> , 77, 972-82	3.2	7
63	Evaluation of a smoke-free law on indoor air quality and on workers' health in Portuguese restaurants. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2014</b> , 11, 201-9	2.9	7
62	Cancer Survivor Study (CASUS) on colorectal patients: longitudinal study on physical activity, fitness, nutrition, and its influences on quality of life, disease recurrence, and survival. Rationale and design. <i>International Journal of Colorectal Disease</i> , <b>2017</b> , 32, 75-81	3	7
61	Geno- and immunotoxic effects on populations living near a mine: a case study of Panasqueira mine in Portugal. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2011</b> , 74, 1076-86	3.2	7
60	Biological monitoring of n-hexane exposure in Portuguese shoe manufacturing workers. <i>Journal of Occupational and Environmental Hygiene</i> , <b>2001</b> , 16, 736-41		7
59	Mortality risk attributable to wildfire-related PM pollution: a global time series study in 749 locations. <i>Lancet Planetary Health, The</i> , <b>2021</b> , 5, e579-e587	9.8	7
58	Cardio-respiratory health effects of exposure to traffic-related air pollutants while exercising outdoors: A systematic review. <i>Environmental Research</i> , <b>2019</b> , 178, 108647	7.9	6
57	Commercial ICT Smart Solutions for the Elderly: State of the Art and Future Challenges in the Smart Furniture Sector. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 149	2.6	6
56	Evaluation of cytotoxicity and genotoxicity induced by oleic acid-coated iron oxide nanoparticles in human astrocytes. <i>Environmental and Molecular Mutagenesis</i> , <b>2019</b> , 60, 816-829	3.2	6
55	Sick Building Syndrome <b>2014</b> , 256-260		6
54	Comet Assay <b>2014</b> , 1020-1023		6
53	L. Leaf Extract Protects HepG2 Cells Against Paraquat-Induced Oxidative DNA Damage. <i>Plants</i> , <b>2019</b> , 8,	4.5	6
52	Unravelling the Potential Cytotoxic Effects of Metal Oxide Nanoparticles and Metal(Loid) Mixtures on A549 Human Cell Line. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	5
51	Protocol for a systematic review and meta-analysis of human exposure to pesticide residues in honey and other bees' products. <i>Environmental Research</i> , <b>2020</b> , 186, 109470	7.9	5
50	Environment and Health in Children Day Care Centres (ENVIRH) - Study rationale and protocol. <i>Revista Portuguesa De Pneumologia</i> , <b>2014</b> , 20, 311-323		5
49	Carcinogenesis <b>2014</b> , 713-729		5
48	Styrene-oxide N-terminal valine haemoglobin adducts as biomarkers of occupational exposure to styrene. <i>International Journal of Hygiene and Environmental Health</i> , <b>2008</b> , 211, 59-62	6.9	5

47	The importance of socioeconomic position in smoking, cessation and environmental tobacco smoke exposure during pregnancy. <i>Scientific Reports</i> , <b>2020</b> , 10, 15584	4.9	5
46	Brazil nut prevents oxidative DNA damage in type 2 diabetes patients. <i>Drug and Chemical Toxicology</i> , <b>2020</b> , 1-7	2.3	5
45	Optimization of the harvesting and freezing conditions of human cell lines for DNA damage analysis by the alkaline comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2019</b> , 845, 402994	3	5
44	In vivo systemic toxicity assessment of an oxidized dextrin-based hydrogel and its effectiveness as a carrier and stabilizer of granular synthetic bone substitutes. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2019</b> , 107, 1678-1689	5.4	4
43	The Application, Neurotoxicity, and Related Mechanism of Iron Oxide Nanoparticles <b>2017</b> , 127-150		4
42	Brassica oleracea L. Var. costata DC and <i>Pieris brassicae</i> L. aqueous extracts reduce methyl methanesulfonate-induced DNA damage in V79 hamster lung fibroblasts. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 5380-7	5.7	4
41	Self-assembled mannan nanogel: cytocompatibility and cell localization. <i>Journal of Biomedical Nanotechnology</i> , <b>2012</b> , 8, 473-81	4	4
40	Biological Monitoring of n-Hexane Exposure in Portuguese Shoe Manufacturing Workers		4
39	Toxicity assessment of industrial engineered and airborne process-generated nanoparticles in a 3D human airway epithelial model. <i>Nanotoxicology</i> , <b>2021</b> , 15, 542-557	5.3	4
38	Assessment of DNA damage in a group of professional dancers during a 10-month dancing season. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2017</b> , 80, 797-804	3.2	3
37	Effects of physical exercise training in DNA damage and repair activity in humans with different genetic polymorphisms of hOGG1 (Ser326Cys). <i>Cell Biochemistry and Function</i> , <b>2015</b> , 33, 519-24	4.2	3
36	Evaluation of the Indoor Air Quality in Restaurants Before and After a Smoking Ban in Portugal. <i>Indoor and Built Environment</i> , <b>2012</b> , 21, 323-331	1.8	3
35	In Vitro Cyto- and Genotoxicity Assessment of Antibacterial Paints with Triclosan and Isoborneol.. <i>Toxics</i> , <b>2022</b> , 10,	4.7	3
34	In vitro genotoxicity assessment of an oxidized dextrin-based hydrogel for biomedical applications. <i>Journal of Applied Toxicology</i> , <b>2019</b> , 39, 639-649	4.1	3
33	Human exposure to formaldehyde, a risk evaluation of occupational health effects. <i>Toxicology Letters</i> , <b>2014</b> , 229, S116	4.4	2
32	Biomonitoring <b>2014</b> , 483-484		2
31	Genotyping an ALAD polymorphism with real-time PCR in two populations from the Iberian Peninsula. <i>Biochemical Genetics</i> , <b>2012</b> , 50, 560-4	2.4	2
30	Outdoor air pollution from industrial chemicals causing new onset of asthma or COPD: a systematic review protocol. <i>Journal of Occupational Medicine and Toxicology</i> , <b>2020</b> , 15, 38	2.7	2

29	Economic evaluation of air pollution impacts on human health: an overview of applied methodologies <b>2015</b> ,		2
28	Genotoxicity and Gene Expression in the Rat Lung Tissue following Instillation and Inhalation of Different Variants of Amorphous Silica Nanomaterials (aSiO NM). <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
27	Meal-exercise challenge and physical activity reduction impact on immunity and inflammation (MERIIT trial). <i>Contemporary Clinical Trials Communications</i> , <b>2018</b> , 10, 177-189	1.8	2
26	Salivary Leucocytes as In Vitro Model to Evaluate Nanoparticle-Induced DNA Damage. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
25	Auto-Disinfectant Acrylic Paints Functionalised with Triclosan and Isoborneol-Antibacterial Assessment. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
24	House dust fungal communities characterization: a double take on the six by sixty by six (6 60 6) project. <i>Open Engineering</i> , <b>2016</b> , 6,	1.7	1
23	The impact of comet assay data normalization in human biomonitoring studies outcomes. <i>Toxicology Letters</i> , <b>2020</b> , 332, 56-64	4.4	1
22	The European Registered Toxicologist (ERT): Current status and prospects for advancement. <i>Toxicology Letters</i> , <b>2016</b> , 259, 151-155	4.4	1
21	Biomarkers, Human Health <b>2014</b> , 479-482		1
20	Cytogenotoxic Effect on Workers Exposed to Styrene. Influence of Genetic Polymorphisms. <i>Epidemiology</i> , <b>2011</b> , 22, S229	3.1	1
19	Chemical characterization and bioactive potential of Thymus <i>leucocorymbus</i> (Pers.) Schreb. preparations for anti-acne applications: Antimicrobial, anti-biofilm, anti-inflammatory and safety profiles.. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 287, 114935	5	1
18	Development of a new multiplex PCR to detect prevalent species of house dust mites in house dust. <i>International Journal of Environmental Health Research</i> , <b>2021</b> , 1-13	3.6	1
17	Kinetics of radium-223 and its effects on survival, proliferation and DNA damage in lymph-node and bone metastatic prostate cancer cell lines. <i>International Journal of Radiation Biology</i> , <b>2021</b> , 97, 714-726	2.9	1
16	How can exposure to engineered nanomaterials influence our epigenetic code? A review of the mechanisms and molecular targets. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2021</b> , 788, 108385	7	1
15	Suitability of the In Vitro Cytokinesis-Block Micronucleus Test for Genotoxicity Assessment of TiO Nanoparticles on SH-SY5Y Cells. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
14	Frailty syndrome, biomarkers and environmental factors - A pilot study. <i>Toxicology Letters</i> , <b>2020</b> , 330, 14-22	4.4	0
13	From trihalomethanes chronic daily intake through multiple exposure routes to cancer and non-cancer health risk assessment: Evidence from public Portuguese indoor swimming pools facilities using a probabilistic approach. <i>Science of the Total Environment</i> , <b>2021</b> , 151790	10.2	0
12	Toxicological Aspects of Iron Oxide Nanoparticles.. <i>Advances in Experimental Medicine and Biology</i> , <b>2022</b> , 1357, 303-350	3.6	0

- 11 Evaluation of the cytotoxicity (HepG2) and chemical composition of polar extracts from the ruderal species *Coleostephus myconis* (L.) Rchb.f. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2017**, 80, 641-650 3.2
- 10 Emerging Risks and Strategies for Environment and Health Protection. Preface. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2015**, 78, 789 3.2
- 9 Assessment of Beneficial and Possible Toxic Effects of Two New Alfalfa-Derived Shelf Products. *Journal of Medicinal Food*, **2016**, 19, 970-977 2.8
- 8 Spotlight on the future of environmental and occupational health research. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2019**, 82, 525 3.2
- 7 Recent developments on occupational and environmental toxicology. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2017**, 80, 595 3.2
- 6 The Comet Assay In Vivo in Humans. *Methods in Pharmacology and Toxicology*, **2014**, 219-239 1.1
- 5 NanoLINEN: nanotoxicology link between India and European Nations. *Journal of Biomedical Nanotechnology*, **2011**, 7, 203-4 4
- 4 Study on Thermal Comfort in Elderly Care Centres. *Springer Proceedings in Energy*, **2022**, 201-220 0.2
- 3 Levels of urinary biomarkers of exposure and potential genotoxic risks in firefighters **2018**, 267-271
- 2 Urinary cotinine assessment of maternal smoking and environmental tobacco smoke exposure status and its associations with perinatal outcomes: a cross-sectional birth study. *Environmental Research*, **2022**, 203, 111827 7.9
- 1 Indoor Air Quality in Elderly Care Centers **2022**, 1-25