

# Eduardo Pasaro

## 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.

100  
papers

3,310  
citations

34  
h-index

54  
g-index

115  
ext. papers

3,814  
ext. citations

4.4  
avg, IF

5.13  
L-index

#	Paper	IF	Citations
100	Toxicological Aspects of Iron Oxide Nanoparticles.. <i>Advances in Experimental Medicine and Biology</i> , <b>2022</b> , 1357, 303-350	3.6	0
99	Salivary leucocytes as suitable biomatrix for the comet assay in human biomonitoring studies. <i>Archives of Toxicology</i> , <b>2021</b> , 95, 2179-2187	5.8	1
98	Implications of the Estrogen Receptor Coactivators SRC1 and SRC2 in the Biological Basis of Gender Incongruence. <i>Sexual Medicine</i> , <b>2021</b> , 9, 100368	2.7	2
97	Applicability of flow cytometry H2AX assay in population studies: suitability of fresh and frozen whole blood samples. <i>Archives of Toxicology</i> , <b>2021</b> , 95, 1843-1851	5.8	1
96	Salivary Leucocytes as In Vitro Model to Evaluate Nanoparticle-Induced DNA Damage. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	2
95	Epigenetics Is Implicated in the Basis of Gender Incongruence: An Epigenome-Wide Association Analysis. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 701017	5.1	6
94	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
93	The Effects of Testosterone on the Brain of Transgender Men.. <i>Androgens: Clinical Research and Therapeutics</i> , <b>2021</b> , 2, 252-260	0.7	0
92	Analysis of Four Polymorphisms Located at the Promoter of the Estrogen Receptor Alpha ESR1 Gene in a Population With Gender Incongruence. <i>Sexual Medicine</i> , <b>2020</b> , 8, 490-500	2.7	3
91	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
90	Expanded usage of the Challenge-Comet assay as a DNA repair biomarker in human populations: protocols for fresh and cryopreserved blood samples, and for different challenge agents. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 4219-4228	5.8	4
89	Gender-Affirming Hormone Therapy Modifies the CpG Methylation Pattern of the ESR1 Gene Promoter After Six Months of Treatment in Transmen. <i>Journal of Sexual Medicine</i> , <b>2020</b> , 17, 1795-1806	1.1	5
88	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
87	Effects of adult male rat feminization treatments on brain morphology and metabolomic profile. <i>Hormones and Behavior</i> , <b>2020</b> , 125, 104839	3.7	6
86	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
85	Serum cortisol but not oxidative stress biomarkers are related to frailty: results of a cross-sectional study in Spanish older adults. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2019</b> , 82, 815-825	3.2	9
84	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

83	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
82	Exploring Genetic Outcomes as Frailty Biomarkers. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 168-175	6.4	12
81	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
80	Frailty Syndrome and Genomic Instability in Older Adults: Suitability of the Cytome Micronucleus Assay As a Diagnostic Tool. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 864-872	6.4	11
79	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
78	Analyses of karyotype by G-banding and high-resolution microarrays in a gender dysphoria population. <i>Genes and Genomics</i> , <b>2018</b> , 40, 465-473	2.1	7
77	Molecular basis of Gender Dysphoria: androgen and estrogen receptor interaction. <i>Psychoneuroendocrinology</i> , <b>2018</b> , 98, 161-167	5	33
76	Frailty in Older Adults Is Associated With Plasma Concentrations of Inflammatory Mediators but Not With Lymphocyte Subpopulations. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1056	8.4	50
75	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
74	Genotypes and Haplotypes of the Estrogen Receptor $\alpha$ Gene (ESR1) Are Associated With Female-to-Male Gender Dysphoria. <i>Journal of Sexual Medicine</i> , <b>2017</b> , 14, 464-472	1.1	16
73	Comparative study of human neuronal and glial cell sensitivity for in vitro neurogenotoxicity testing. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 102, 120-128	4.7	7
72	Immune biomarkers in older adults: Role of physical activity. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2017</b> , 80, 605-620	3.2	13
71	Frailty Status in Older Adults Is Related to Alterations in Indoleamine 2,3-Dioxygenase 1 and Guanosine Triphosphate Cyclohydrolase II Enzymatic Pathways. <i>Journal of the American Medical Directors Association</i> , <b>2017</b> , 18, 1049-1057	5.9	27
70	Effects of Degree of Urbanization and Lifetime Longest-Held Occupation on Cognitive Impairment Prevalence in an Older Spanish Population. <i>Frontiers in Psychology</i> , <b>2017</b> , 8, 162	3.4	17
69	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
68	Is Salivary Chromogranin A a Valid Psychological Stress Biomarker During Sensory Stimulation in People with Advanced Dementia?. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 55, 1509-1517	4.3	7
67	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
66	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

65	The CYP17-MspA1 rs743572 polymorphism is not associated with gender dysphoria. <i>Genes and Genomics</i> , <b>2016</b> , 38, 1145-1150	2.1	5
64	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
63	Effects of exposure to oil spills on human health: Updated review. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , <b>2016</b> , 19, 105-28	8.6	90
62	Lymphocyte Subsets in a Population of Nonfrail Elderly Individuals. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2015</b> , 78, 790-804	3.2	14
61	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
60	The CYP17 MspA1 Polymorphism and the Gender Dysphoria. <i>Journal of Sexual Medicine</i> , <b>2015</b> , 12, 1329-331	3.1	19
59	γH2AX assay as DNA damage biomarker for human population studies: defining experimental conditions. <i>Toxicological Sciences</i> , <b>2015</b> , 144, 406-13	4.4	42
58	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
57	The (CA) <sub>n</sub> polymorphism of ERα gene is associated with FtM transsexualism. <i>Journal of Sexual Medicine</i> , <b>2014</b> , 11, 720-8	1.1	34
56	Association study of ERα, AR, and CYP19A1 genes and MtF transsexualism. <i>Journal of Sexual Medicine</i> , <b>2014</b> , 11, 2986-94	1.1	29
55	Follow-up study of genotoxic effects in individuals exposed to oil from the tanker Prestige, seven years after the accident. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2014</b> , 760, 10-6	3	13
54	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
53	Endocrine and immunological parameters in individuals involved in Prestige spill cleanup tasks seven years after the exposure. <i>Environment International</i> , <b>2013</b> , 59, 103-11	12.9	19
52	The marine toxin okadaic acid induces alterations in the expression level of cancer-related genes in human neuronal cells. <i>Ecotoxicology and Environmental Safety</i> , <b>2013</b> , 92, 303-11	7	13
51	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
50	Neuronal cytotoxicity and genotoxicity induced by zinc oxide nanoparticles. <i>Environment International</i> , <b>2013</b> , 55, 92-100	12.9	144
49	Okadaic acid: more than a diarrhetic toxin. <i>Marine Drugs</i> , <b>2013</b> , 11, 4328-49	6	145
48	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

47	Alterations in metabolism-related genes induced in SHSY5Y cells by okadaic acid exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2012</b> , 75, 844-56	3.2	9
46	In vivo genotoxicity assessment in rats exposed to Prestige-like oil by inhalation. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2012</b> , 75, 756-64	3.2	10
45	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
44	Identification of differentially expressed genes in SHSY5Y cells exposed to okadaic acid by suppression subtractive hybridization. <i>BMC Genomics</i> , <b>2012</b> , 13, 46	4.5	20
43	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
42	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
41	Okadaic acid induces morphological changes, apoptosis and cell cycle alterations in different human cell types. <i>Journal of Environmental Monitoring</i> , <b>2011</b> , 13, 1831-40		47
40	Induction of oxidative DNA damage by the marine toxin okadaic acid depends on human cell type. <i>Toxicol</i> , <b>2011</b> , 57, 882-8	2.8	40
39	Assays to determine DNA repair ability. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2011</b> , 74, 1094-109	3.2	10
38	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
37	Birth order and ratio of brothers to sisters in Spanish transsexuals. <i>Archives of Sexual Behavior</i> , <b>2011</b> , 40, 505-10	3.5	35
36	Evaluation of okadaic acid-induced genotoxicity in human cells using the micronucleus test and $\gamma$ -H2AX analysis. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2011</b> , 74, 980-92	3.2	36
35	Tall stature and gonadal dysgenesis in a non-mosaic girl 45,X. <i>Hormone Research in Paediatrics</i> , <b>2010</b> , 73, 210-4	3.3	4
34	Cytogenetic and DNA damage on workers exposed to styrene. <i>Mutagenesis</i> , <b>2010</b> , 25, 617-21	2.8	17
33	Genotoxic effects of lead: an updated review. <i>Environment International</i> , <b>2010</b> , 36, 623-36	12.9	252
32	In vitro evaluation of selenium genotoxic, cytotoxic, and protective effects: a review. <i>Archives of Toxicology</i> , <b>2010</b> , 84, 337-51	5.8	122
31	Familiality of gender identity disorder in non-twin siblings. <i>Archives of Sexual Behavior</i> , <b>2010</b> , 39, 546-52	3.5	49
30	The organic selenium compound selenomethionine modulates bleomycin-induced DNA damage and repair in human leukocytes. <i>Biological Trace Element Research</i> , <b>2010</b> , 133, 12-9	4.5	36

29	Assessment of okadaic acid effects on cytotoxicity, DNA damage and DNA repair in human cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2010</b> , 689, 74-9	3.3	41
28	Review on the effects of exposure to spilled oils on human health. <i>Journal of Applied Toxicology</i> , <b>2010</b> , 30, 291-301	4.1	179
27	Segmental heterogeneity in Bcl-2, Bcl-xL and Bax expression in rat tubular epithelium after ischemia-reperfusion. <i>Nephrology</i> , <b>2008</b> , 13, 294-301	2.2	9
26	Cytogenetic effects induced by Prestige oil on human populations: the role of polymorphisms in genes involved in metabolism and DNA repair. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2008</b> , 653, 117-23	3	39
25	Relationship between blood concentrations of heavy metals and cytogenetic and endocrine parameters among subjects involved in cleaning coastal areas affected by the Prestige tanker oil spill. <i>Chemosphere</i> , <b>2008</b> , 71, 447-55	8.4	32
24	Biomonitoring of human exposure to prestige oil: effects on DNA and endocrine parameters. <i>Environmental Health Insights</i> , <b>2008</b> , 2, 83-92	1.4	18
23	Genetic polymorphism in cytochrome P450 1B1 in a Spanish population. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2007</b> , 101, 70-2	3.1	2
22	Initial study on the effects of Prestige oil on human health. <i>Environment International</i> , <b>2007</b> , 33, 176-85	12.9	54
21	Sexual dimorphism in hybrids rats. <i>Brain Research</i> , <b>2006</b> , 1123, 42-50	3.7	10
20	Assessment of occupational genotoxic risk in the production of rubber tyres. <i>Annals of Occupational Hygiene</i> , <b>2006</b> , 50, 583-92		19
19	Monitoring of the impact of Prestige oil spill on <i>Mytilus galloprovincialis</i> from Galician coast. <i>Environment International</i> , <b>2006</b> , 32, 342-8	12.9	94
18	Genetic damage induced by accidental environmental pollutants. <i>Scientific World Journal, The</i> , <b>2006</b> , 6, 1221-37	2.2	23
17	First step in the evaluation of the effects of Prestige oil on the shore environment: Availability, bioaccumulation and DNA damage. <i>Ciencias Marinas</i> , <b>2006</b> , 32, 389-399	1.7	5
16	The role of the androgen receptor in CNS masculinization. <i>Brain Research</i> , <b>2005</b> , 1035, 13-23	3.7	46
15	The expression of brain sexual dimorphism in artificial selection of rat strains. <i>Brain Research</i> , <b>2005</b> , 1052, 130-8	3.7	20
14	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	2.7	47
13	Evaluation of PAH bioaccumulation and DNA damage in mussels ( <i>Mytilus galloprovincialis</i> ) exposed to spilled Prestige crude oil. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2004</b> , 138, 453-60	3.2	46
12	A molecular method for classifying the genotypes obtained in a breeding colony from testicular feminized (Tfm) rats. <i>Hormone and Metabolic Research</i> , <b>2003</b> , 35, 197-200	3.1	19

11	Individual sensitivity to DNA damage induced by styrene in vitro: influence of cytochrome p450, epoxide hydrolase and glutathione S-transferase genotypes. <i>Toxicology</i> , <b>2003</b> , 186, 131-41	4.4	32
10	Effect of epoxide hydrolase and glutathione S-transferase genotypes on the induction of micronuclei and DNA damage by styrene-7,8-oxide in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2003</b> , 536, 49-59	3	45
9	A point mutation, R59G, within the HMG-SRY box in a female 45,X/46,X, psu dic(Y)(pter-->q11::q11-->pter). <i>Human Genetics</i> , <b>2002</b> , 111, 242-6	6.3	18
8	Evaluation of genotoxic effects in a group of workers exposed to low levels of styrene. <i>Toxicology</i> , <b>2002</b> , 171, 175-86	4.4	59
7	DNA damage and repair in human leukocytes exposed to styrene-7,8-oxide measured by the comet assay. <i>Toxicology Letters</i> , <b>2002</b> , 126, 61-8	4.4	35
6	Effects of styrene-7,8-oxide over p53, p21, bcl-2 and bax expression in human lymphocyte cultures. <i>Mutagenesis</i> , <b>2001</b> , 16, 127-32	2.8	23
5	Genotoxic effects of styrene-7,8-oxide in human white blood cells: comet assay in relation to the induction of sister-chromatid exchanges and micronuclei. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2001</b> , 491, 163-72	3	39
4	Analysis of sex chromosome aneuploidy in 41 patients with Turner syndrome: a study of hidden mosaicism. <i>Clinical Genetics</i> , <b>2000</b> , 58, 201-8	4	48
3	Fluorescence in situ hybridization of psu dic(X)(Xpter-Xq21::Xq21-Xpter) in two patients with Turner syndrome. <i>Human Heredity</i> , <b>1998</b> , 48, 82-6	1.1	3
2	Turner syndrome: a study of chromosomal mosaicism. <i>Human Genetics</i> , <b>1996</b> , 98, 29-35	6.3	35
1	Optical density profile analysis of trypsin-Giemsa bands in human X-chromosomes. <i>Annals of Human Genetics</i> , <b>1993</b> , 57, 117-21	2.2	1