Eduardo Pasaro

List of Publications by Year
in descending order

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106 papers	4,343 citations	87843 38 h-index	118793 62 g-index
115 all docs	115 docs citations	115 times ranked	5865 citing authors

#	Article	IF	Citations
1	Genotoxic effects of lead: An updated review. Environment International, 2010, 36, 623-636.	4.8	333
2	Review on the effects of exposure to spilled oils on human health. Journal of Applied Toxicology, 2010, 30, 291-301.	1.4	247
3	Okadaic Acid: More than a Diarrheic Toxin. Marine Drugs, 2013, 11, 4328-4349.	2.2	210
4	Neuronal cytotoxicity and genotoxicity induced by zinc oxide nanoparticles. Environment International, 2013, 55, 92-100.	4.8	171
5	Are iron oxide nanoparticles safe? Current knowledge and future perspectives. Journal of Trace Elements in Medicine and Biology, 2016, 38, 53-63.	1.5	162
6	In vitro evaluation of selenium genotoxic, cytotoxic, and protective effects: a review. Archives of Toxicology, 2010, 84, 337-351.	1.9	161
7	Effects of exposure to oil spills on human health: Updated review. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2016, 19, 105-128.	2.9	138
8	Effects of iron oxide nanoparticles: Cytotoxicity, genotoxicity, developmental toxicity, and neurotoxicity. Environmental and Molecular Mutagenesis, 2015, 56, 125-148.	0.9	128
9	Monitoring of the impact of Prestige oil spill on Mytilus galloprovincialis from Galician coast. Environment International, 2006, 32, 342-348.	4.8	103
10	Comparative study on effects of two different types of titanium dioxide nanoparticles on human neuronal cells. Food and Chemical Toxicology, 2013, 57, 352-361.	1.8	101
11	In vitro cytotoxicity of superparamagnetic iron oxide nanoparticles on neuronal and glial cells. Evaluation of nanoparticle interference with viability tests. Journal of Applied Toxicology, 2016, 36, 361-372.	1.4	79
12	Frailty in Older Adults Is Associated With Plasma Concentrations of Inflammatory Mediators but Not With Lymphocyte Subpopulations. Frontiers in Immunology, 2018, 9, 1056.	2.2	78
13	Assessment of Immunotoxicity Parameters in Individuals Occupationally Exposed to Lead. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 807-818.	1.1	73
14	Association of inflammatory mediators with frailty status in older adults: results from a systematic review and meta-analysis. GeroScience, 2020, 42, 1451-1473.	2.1	70
15	Evaluation of genotoxic effects in a group of workers exposed to low levels of styrene. Toxicology, 2002, 171, 175-186.	2.0	66
16	Metal(Loid) Levels in Biological Matrices from Human Populations Exposed to Mining Contaminationâ€"Panasqueira Mine (Portugal). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 893-908.	1.1	66
17	Genotoxic effects of occupational exposure to lead and influence of polymorphisms in genes involved in lead toxicokinetics and in DNA repair. Environment International, 2012, 43, 29-36.	4.8	65
18	Evaluation of PAH bioaccumulation and DNA damage in mussels (Mytilus galloprovincialis) exposed to spilled Prestige crude oil. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2004, 138, 453-460.	1.3	64

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19	Initial study on the effects of Prestige oil on human health. Environment International, 2007, 33, 176-185.	4.8	64
20	Analysis of sex chromosome aneuploidy in 41 patients with Turner syndrome: a study of â€˜hiddenâ€™ mosaicism. Clinical Genetics, 2001, 58, 201-208.	1.0	60
21	Familiality of Gender Identity Disorder in Non-Twin Siblings. Archives of Sexual Behavior, 2010, 39, 546-552.	1.2	60
22	Genotoxic effects in a population of nurses handling antineoplastic drugs, and relationship with genetic polymorphisms in DNA repair enzymes. American Journal of Industrial Medicine, 2005, 48, 128-136.	1.0	56
23	The role of the androgen receptor in CNS masculinization. Brain Research, 2005, 1035, 13-23.	1.1	55
24	The (CA)n Polymorphism of ERÎ² Gene is Associated with FtM Transsexualism. Journal of Sexual Medicine, 2014, 11, 720-728.	0.3	51
25	Î³H2AX Assay as DNA Damage Biomarker for Human Population Studies: Defining Experimental Conditions. Toxicological Sciences, 2015, 144, 406-413.	1.4	49
26	Molecular basis of Gender Dysphoria: androgen and estrogen receptor interaction. Psychoneuroendocrinology, 2018, 98, 161-167.	1.3	49
27	Okadaic acid induces morphological changes, apoptosis and cell cycle alterations in different human cell types. Journal of Environmental Monitoring, 2011, 13, 1831.	2.1	48
28	Effect of epoxide hydrolase and glutathione S-tranferase genotypes on the induction of micronuclei and DNA damage by styrene-7,8-oxide in vitro. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 536, 49-59.	0.9	46
29	Birth Order and Ratio of Brothers to Sisters in Spanish Transsexuals. Archives of Sexual Behavior, 2011, 40, 505-510.	1.2	46
30	Cytogenetic effects induced by Prestige oil on human populations: The role of polymorphisms in genes involved in metabolism and DNA repair. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 653, 117-123.	0.9	43
31	The Organic Selenium Compound Selenomethionine Modulates Bleomycin-Induced DNA Damage and Repair in Human Leukocytes. Biological Trace Element Research, 2010, 133, 12-19.	1.9	43
32	Assessment of okadaic acid effects on cytotoxicity, DNA damage and DNA repair in human cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 689, 74-79.	0.4	43
33	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. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2001, 491, 163-172.	0.9	42
34	Turner syndrome: a study of chromosomal mosaicism. Human Genetics, 1996, 98, 29-35.	1.8	41
35	Relationship between blood concentrations of heavy metals and cytogenetic and endocrine parameters among subjects involved in cleaning coastal areas affected by the â€˜Prestigeâ€™ tanker oil spill. Chemosphere, 2008, 71, 447-455.	4.2	40
36	Induction of oxidative DNA damage by the marine toxin okadaic acid depends on human cell type. Toxicon, 2011, 57, 882-888.	0.8	40

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37	Biomonitoring of a population of Portuguese workers exposed to lead. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 721, 81-88.	0.9	40
38	Frailty Status in Older Adults Is Related to Alterations in Indoleamine 2,3-Dioxygenase 1 and Guanosine Triphosphate Cyclohydrolase IÂEnzymatic Pathways. Journal of the American Medical Directors Association, 2017, 18, 1049-1057.	1.2	40
39	Evaluation of Okadaic Acid-Induced Genotoxicity in Human Cells Using the Micronucleus Test and Î³H2AX Analysis. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2011, 74, 980-992.	1.1	39
40	Association Study of ERÎ², AR, and CYP19A 1 Genes and MtF Transsexualism. Journal of Sexual Medicine, 2014, 11, 2986-2994.	0.3	38
41	DNA damage and repair in human leukocytes exposed to styrene-7,8-oxide measured by the comet assay. Toxicology Letters, 2002, 126, 61-68.	0.4	37
42	Assessment of oxidative damage induced by iron oxide nanoparticles on different nervous system cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 845, 402989.	0.9	34
43	Individual sensitivity to DNA damage induced by styrene in vitro: influence of cytochrome P450, epoxide hydrolase and glutathione S-transferase genotypes. Toxicology, 2003, 186, 131-141.	2.0	33
44	Low Vitamin D Levels and Frailty Status in Older Adults: A Systematic Review and Meta-Analysis. Nutrients, 2020, 12, 2286.	1.7	33
45	Genotoxicity of TiO2 Nanoparticles in Four Different Human Cell Lines (A549, HEPG2, A172 and SH-SY5Y). Nanomaterials, 2020, 10, 412.	1.9	31
46	Cellular and Molecular Toxicity of Iron Oxide Nanoparticles. Advances in Experimental Medicine and Biology, 2018, 1048, 199-213.	0.8	30
47	Toxicological assessment of silica-coated iron oxide nanoparticles in human astrocytes. Food and Chemical Toxicology, 2018, 118, 13-23.	1.8	30
48	Oxidative stress, genomic features and DNA repair in frail elderly: A systematic review. Ageing Research Reviews, 2017, 37, 1-15.	5.0	30
49	The expression of brain sexual dimorphism in artificial selection of rat strains. Brain Research, 2005, 1052, 130-138.	1.1	29
50	Effects of styrene-7,8-oxide over p53, p21, bcl-2 and bax expression in human lymphocyte cultures. Mutagenesis, 2001, 16, 127-132.	1.0	26
51	Exploring Genetic Outcomes as Frailty Biomarkers. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 168-175.	1.7	26
52	Genetic Damage Induced by Accidental Environmental Pollutants. Scientific World Journal, The, 2006, 6, 1221-1237.	0.8	25
53	In vitro toxicity evaluation of silica-coated iron oxide nanoparticles in human SHSY5Y neuronal cells. Toxicology Research, 2016, 5, 235-247.	0.9	25
54	Neurotoxicity assessment of oleic acid-coated iron oxide nanoparticles in SH-SY5Y cells. Toxicology, 2018, 406-407, 81-91.	2.0	24

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55	A point mutation, R59G, within the HMG-SRY box in a female 45,X/46,X, psu dic(Y)(pterâ†'q11::q11â†'pter). Human Genetics, 2002, 111, 242-246.	1.8	23
56	The CYP17â€...MspA1 Polymorphism and the Gender Dysphoria. Journal of Sexual Medicine, 2015, 12, 1329-1333.	0.3	23
57	Assessment of Occupational Genotoxic Risk in the Production of Rubber Tyres. Annals of Occupational Hygiene, 2006, 50, 583-92.	1.9	22
58	Biomonitoring of Human Exposure to Prestige Oil: Effects on DNA and Endocrine Parameters. Environmental Health Insights, 2008, 2, EHI.S954.	0.6	22
59	Immune biomarkers in older adults: Role of physical activity. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 605-620.	1.1	22
60	Epigenetics Is Implicated in the Basis of Gender Incongruence: An Epigenome-Wide Association Analysis. Frontiers in Neuroscience, 2021, 15, 701017.	1.4	22
61	Cytogenetic and DNA damage on workers exposed to styrene. Mutagenesis, 2010, 25, 617-621.	1.0	21
62	Identification of differentially expressed genes in SHSY5Y cells exposed to okadaic acid by suppression subtractive hybridization. BMC Genomics, 2012, 13, 46.	1.2	21
63	Genotypes and Haplotypes of the Estrogen Receptor Î± Gene (ESR1) Are Associated With Female-to-Male Gender Dysphoria. Journal of Sexual Medicine, 2017, 14, 464-472.	0.3	21
64	Serum cortisol but not oxidative stress biomarkers are related to frailty: results of a cross-sectional study in Spanish older adults. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2019, 82, 815-825.	1.1	21
65	A Molecular Method for Classifying the Genotypes Obtained in a Breeding Colony from Testicular Feminized (Tfm) Rats. Hormone and Metabolic Research, 2003, 35, 197-200.	0.7	20
66	Endocrine and immunological parameters in individuals involved in Prestige spill cleanup tasks seven years after the exposure. Environment International, 2013, 59, 103-111.	4.8	20
67	Effects of Degree of Urbanization and Lifetime Longest-Held Occupation on Cognitive Impairment Prevalence in an Older Spanish Population. Frontiers in Psychology, 2017, 8, 162.	1.1	20
68	Lymphocyte Subsets in a Population of Nonfrail Elderly Individuals. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 790-804.	1.1	18
69	Frailty Syndrome and Genomic Instability in Older Adults: Suitability of the Cytome Micronucleus Assay As a Diagnostic Tool. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 864-872.	1.7	17
70	Genotoxic effect of exposure to metal(loid)s. A molecular epidemiology survey of populations living and working in Panasqueira mine area, Portugal. Environment International, 2013, 60, 163-170.	4.8	16
71	The marine toxin okadaic acid induces alterations in the expression level of cancer-related genes in human neuronal cells. Ecotoxicology and Environmental Safety, 2013, 92, 303-311.	2.9	15
72	Assays to Determine DNA Repair Ability. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2011, 74, 1094-1109.	1.1	14

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73	Alterations in Metabolism-Related Genes Induced in SHSY5Y Cells by Okadaic Acid Exposure. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 844-856.	1.1	14
74	Evaluation of cytotoxicity and genotoxicity induced by oleic acidâ€coated iron oxide nanoparticles in human astrocytes. Environmental and Molecular Mutagenesis, 2019, 60, 816-829.	0.9	14
75	Follow-up study of genotoxic effects in individuals exposed to oil from the tanker Prestige, seven years after the accident. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2014, 760, 10-16.	0.9	13
76	Analyses of karyotype by G-banding and high-resolution microarrays in a gender dysphoria population. Genes and Genomics, 2018, 40, 465-473.	0.5	13
77	Gender-Affirming Hormone Therapy Modifies the CpG Methylation Pattern of the ESR1 Gene Promoter After Six Months of Treatment in Transmen. Journal of Sexual Medicine, 2020, 17, 1795-1806.	0.3	13
78	Sexual dimorphism in hybrids rats. Brain Research, 2006, 1123, 42-50.	1.1	12
79	Analysis of Four Polymorphisms Located at the Promoter of the Estrogen Receptor Alpha ESR1 Gene in a Population With Gender Incongruence. Sexual Medicine, 2020, 8, 490-500.	0.9	12
80	Segmental heterogeneity in Bcl-2, Bcl-xL and Bax expression in rat tubular epithelium after ischemia-reperfusion. Nephrology, 2008, 13, 294-301.	0.7	11
81	In Vivo Genotoxicity Assessment in Rats Exposed to Prestige-Like Oil by Inhalation. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 756-764.	1.1	11
82	Effects of adult male rat feminization treatments on brain morphology and metabolomic profile. Hormones and Behavior, 2020, 125, 104839.	1.0	11
83	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. Archives of Toxicology, 2020, 94, 4219-4228.	1.9	10
84	Immunological alterations in individuals exposed to metal(loid)s in the Panasqueira mining area, Central Portugal. Science of the Total Environment, 2014, 475, 1-7.	3.9	9
85	Is Salivary Chromogranin A a Valid Psychological Stress Biomarker During Sensory Stimulation in People withÂAdvanced Dementia?. Journal of Alzheimer's Disease, 2016, 55, 1509-1517.	1.2	9
86	The CYP17-MspA1 rs743572 polymorphism is not associated with gender dysphoria. Genes and Genomics, 2016, 38, 1145-1150.	0.5	9
87	Comparative study of human neuronal and glial cell sensitivity for inÂvitro neurogenotoxicity testing. Food and Chemical Toxicology, 2017, 102, 120-128.	1.8	9
88	Implications of the Estrogen Receptor Coactivators SRC1 and SRC2 in the Biological Basis of Gender Incongruence. Sexual Medicine, 2021, 9, 100368-100368.	0.9	6
89	First step in the evaluation of the effects of Prestige oil on the shore environment: Availability, bioaccumulation and DNA damage. Ciencias Marinas, 2006, 32, 389-399.	0.4	6
90	Salivary leucocytes as suitable biomatrix for the comet assay in human biomonitoring studies. Archives of Toxicology, 2021, 95, 2179-2187.	1.9	5

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91	Salivary Leucocytes as In Vitro Model to Evaluate Nanoparticle-Induced DNA Damage. Nanomaterials, 2021, 11, 1930.	1.9	5
92	Suitability of the In Vitro Cytokinesis-Block Micronucleus Test for Genotoxicity Assessment of TiO2 Nanoparticles on SH-SY5Y Cells. International Journal of Molecular Sciences, 2021, 22, 8558.	1.8	5
93	Toxicological Aspects of Iron Oxide Nanoparticles. Advances in Experimental Medicine and Biology, 2022, 1357, 303-350.	0.8	5
94	Tall Stature and Gonadal Dysgenesis in a Non-Mosaic Girl 45,X. Hormone Research in Paediatrics, 2010, 73, 210-214.	0.8	4
95	Applicability of flow cytometry Î³H2AX assay in population studies: suitability of fresh and frozen whole blood samples. Archives of Toxicology, 2021, 95, 1843-1851.	1.9	4
96	Fluorescence in situ Hybridization of psu dic(X)(Xpter-Xq21::Xq21-Xpter) in Two Patients with Turnerâ€™s Syndrome. Human Heredity, 1998, 48, 82-86.	0.4	3
97	The Effects of Testosterone on the Brain of Transgender Men. Androgens: Clinical Research and Therapeutics, 2021, 2, 252-260.	0.2	3
98	Genetic Polymorphism in Cytochrome P450 1B1 in a Spanish Population. Basic and Clinical Pharmacology and Toxicology, 2007, 101, 70-72.	1.2	2
99	Genotyping an ALAD Polymorphism with Real-Time PCR in Two Populations from the Iberian Peninsula. Biochemical Genetics, 2012, 50, 560-564.	0.8	2
100	Optical density profile analysis of trypsin-Giemsa bands in human X-chromosomes. Annals of Human Genetics, 1993, 57, 117-121.	0.3	1
101	An Analysis of the Implication of Estrogens and Steroid Receptor Coactivators in the Genetic Basis of Gender Incongruence. , 0, , .		1
102	Cytotoxicity of iron oxide nanoparticles with different coatings on human neuronal cells. Toxicology Letters, 2014, 229, S199.	0.4	0
103	Oxidative stress induced by silica-coated iron oxide nanoparticles in SHSY5Y neuronal cells. Toxicology Letters, 2015, 238, S200.	0.4	0
104	Links Between Toxoplasma gondii IgG Seropositivity and Serointensity and Measures of Geriatric Frailty, Depression and Cognitive Impairment. Biological Psychiatry, 2021, 89, S152-S153.	0.7	0
105	AdaptaciÃ³n de una Asignatura de Logopedia al Espacio Europeo de EducaciÃ³n Superior, EEES: PercepciÃ³n de los Estudiantes. Formacion Universitaria, 2011, 4, 13-20.	0.2	0
106	The Biological Basis of Gender Incongruence. , 0, , .		0