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List of Publications by Year in descending order

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50 papers	3,987 citations	318942 23 h-index	274796 44 g-index
54 all docs	54 docs citations	54 times ranked	6599 citing authors

#	Article	IF	Citations
1	Neutral red uptake assay for the estimation of cell viability/cytotoxicity. Nature Protocols, 2008, 3, 1125-1131.	5.5	1,639
2	Alternative (non-animal) methods for cosmetics testing: current status and future prospectsâ€”2010. Archives of Toxicology, 2011, 85, 367-485.	1.9	488
3	Practical Aspects of the Validation of Toxicity Test Procedures. ATLA Alternatives To Laboratory Animals, 1995, 23, 129-146.	0.7	240
4	Toxic cyanobacterial cells containing microcystins induce oxidative stress in exposed tilapia fish (Oreochromis sp.) under laboratory conditions. Aquatic Toxicology, 2005, 72, 261-271.	1.9	200
5	The use of Fish Cells in Ecotoxicology: The Report and Recommendations of ECVAM Workshop 47[,]. ATLA Alternatives To Laboratory Animals, 2003, 31, 317-351.	0.7	192
6	A European perspective on alternatives to animal testing for environmental hazard identification and risk assessment. Regulatory Toxicology and Pharmacology, 2013, 67, 506-530.	1.3	139
7	Ecotoxicological evaluation of carbamazepine using six different model systems with eighteen endpoints. Toxicology in Vitro, 2003, 17, 525-532.	1.1	109
8	A test battery for the ecotoxicological evaluation of pentachlorophenol. Toxicology in Vitro, 2001, 15, 503-509.	1.1	95
9	Toxicological effects of the lipid regulator gemfibrozil in four aquatic systems. Aquatic Toxicology, 2007, 81, 106-115.	1.9	63
10	Differentiation of sparkling wines (cava and champagne) according to their mineral content. Talanta, 2004, 63, 377-382.	2.9	61
11	Neutral Red Uptake, Cellular Growth and Lysosomal Function: In Vitro Effects of 24 Metals. ATLA Alternatives To Laboratory Animals, 1993, 21, 501-507.	0.7	57
12	Ecotoxicological evaluation of the antimalarial drug chloroquine. Aquatic Toxicology, 2005, 75, 97-107.	1.9	52
13	Acute and subacute toxic effects produced by microcystin-YR on the fish cell lines RTG-2 and PLHC-1. Toxicology in Vitro, 2007, 21, 1460-1467.	1.1	52
14	The use of the fish cell lines RTG-2 and PLHC-1 to compare the toxic effects produced by microcystins LR and RR. Toxicology in Vitro, 2005, 19, 865-873.	1.1	49
15	Influence of Microcystin-LR on the activity of membrane enzymes in rat intestinal mucosa. Journal of Physiology and Biochemistry, 2003, 59, 293-299.	1.3	45
16	Comparative in vitro effects of sodium arsenite and sodium arsenate on neuroblastoma cells. Toxicology, 1994, 92, 143-153.	2.0	43
17	Tribromophenol induces the differentiation of SH-SY5Y human neuroblastoma cells in vitro. Toxicology in Vitro, 2003, 17, 635-641.	1.1	40
18	An easy route to seven-membered iminocyclitols from aldohexopyranosyl enamines. Tetrahedron: Asymmetry, 2002, 13, 1743-1753.	1.8	37

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19	Ecotoxicological evaluation of the additive butylated hydroxyanisole using a battery with six model systems and eighteen endpoints. Aquatic Toxicology, 2005, 71, 183-192.	1.9	36
20	Ecotoxicological effects of the antioxidant additive propyl gallate in five aquatic systems. Water Research, 2007, 41, 2599-2611.	5.3	34
21	Toxicological assessment of indium nitrate on aquatic organisms and investigation of the effects on the PLHC-1 fish cell line. Science of the Total Environment, 2007, 387, 155-165.	3.9	28
22	(Amino)cyclophosphazenes as Multisite Ligands for the Synthesis of Antitumoral and Antibacterial Silver(I) Complexes. Inorganic Chemistry, 2020, 59, 2464-2483.	1.9	28
23	In vitro effects of lithium and nickel at different levels on Neuro-2a mouse Neuroblastoma cells. Toxicology in Vitro, 2001, 15, 363-368.	1.1	25
24	In vitro effects of mercuric chloride and methylmercury chloride on neuroblastoma cells. Toxicology in Vitro, 1993, 7, 353-357.	1.1	23
25	Cyanobacteria and microcystins occurrence in the Guadiana River (SW Spain). International Journal of Environmental Analytical Chemistry, 2005, 85, 461-474.	1.8	21
26	Ecotoxicological evaluation of sodium fluoroacetate on aquatic organisms and investigation of the effects on two fish cell lines. Chemosphere, 2007, 67, 1-12.	4.2	21
27	Comparative Cytotoxicity of Alachlor on RTG-2 Trout and SH-SY5Y Human Cells. Archives of Environmental Contamination and Toxicology, 2006, 51, 515-520.	2.1	19
28	In vitro effects of thallium on mouse neuroblastoma cells. Toxicology in Vitro, 1994, 8, 609-611.	1.1	17
29	Ecotoxicological evaluation of diethanolamine using a battery of microbiotests. Toxicology in Vitro, 2005, 19, 879-886.	1.1	17
30	Ecotoxicological assessment of bromobenzene using a test battery with five model systems. Food and Chemical Toxicology, 2007, 45, 575-584.	1.8	13
31	Toxic Effects Produced by Microcystins from a Natural Cyanobacterial Bloom and a Microcystis aeruginosa Isolated Strain on the Fish Cell Lines RTG-2 and PLHC-1. Archives of Environmental Contamination and Toxicology, 2006, 51, 86-96.	2.1	12
32	In vitro quantitative structure-activity relationship assessment of pyrrole adducts production by Î³-diketone-forming neurotoxic solvents. Toxicology in Vitro, 1995, 9, 783-787.	1.1	11
33	Direct Determination of GlutathioneS-transferase and Glucose-6-phosphate Dehydrogenase Activities in Cells Cultured in Microtitre Plates as Biomarkers for Oxidative Stress. ATLA Alternatives To Laboratory Animals, 1998, 26, 321-330.	0.7	10
34	Morphological, biochemical and molecular effects of cocaine on mouse neuroblastoma cells culture in vitro. Toxicology in Vitro, 1997, 11, 519-525.	1.1	8
35	Comparative effects of the metabolic inhibitors 2,4-dinitrophenol and iodoacetate on mouse neuroblastoma cells in vitro. Toxicology, 1996, 110, 123-132.	2.0	7
36	Thermoluminescence as a complementary technique for the toxicological evaluation of chemicals in photosynthetic organisms. Aquatic Toxicology, 2015, 158, 88-97.	1.9	7

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37	Integration of fish cell cultures in the toxicological assessment of effluents. Ecotoxicology and Environmental Safety, 2019, 176, 309-320.	2.9	7
38	High concentrations of pralidoxime are needed for the adequate reactivation of human erythrocyte acetylcholinesterase inhibited by dimethoate in vitro. Toxicology in Vitro, 2005, 19, 893-897.	1.1	6
39	Induction of EROD activity by 1-phenylimidazole and Î²-naphthoflavone in rainbow trout cultured hepatocytes: A comparative study. Toxicology in Vitro, 2007, 21, 1307-1310.	1.1	6
40	Aquatic Toxicity Assessment of the Additive 6-Methylcoumarine Using Four Experimental Systems. Archives of Environmental Contamination and Toxicology, 2009, 56, 52-59.	2.1	6
41	Sorption/Desorption and Kinetics of Atrazine, Chlorfenvinphos, Endosulfan Sulfate and Trifluralin on Agro-Industrial and Composted Organic Wastes. Toxics, 2022, 10, 85.	1.6	6
42	Test Batteries in Ecotoxicology. , 2013, , 1105-1128.		5
43	Effects of cobalt on mouse neuroblastoma cells cultured in vitro. Toxicology in Vitro, 1995, 9, 375-379.	1.1	4
44	Investigation of mechanisms of toxicity and exclusion by transporters of the preservatives triclosan and propylparaben using batteries of Schizosaccharomyces pombe strains. Environmental Research, 2020, 183, 108983.	3.7	3
45	Determination of Phosphofructokinase and Enolase Activities in Cultured Mouse Neuroblastoma Cells: Application to the In Vitro Detection of Neurotoxic Effects. ATLA Alternatives To Laboratory Animals, 1996, 24, 63-71.	0.7	1
46	Comparison of toxic effects produced by natural blooms, cyanobacterial cultures strains and pure Microcystins in two fish cell lines. Toxicology Letters, 2006, 164, S229.	0.4	0
47	Ten years of the international online master in toxicology in Spanish. Toxicology Letters, 2010, 196, S349.	0.4	0
48	Metoclopramide induced the differentiation of SH-SY5Y human neuroblastoma cells. Toxicology Letters, 2011, 205, S174.	0.4	0
49	Contributions to Alternatives From Italy and Spain. , 2019, , 29-34.		0
50	In Vitro Toxicity Testing. , 2021, , 119-141.		0