

Espen Mariussen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/72240/publications.pdf>

Version: 2024-02-01

56
papers

2,617
citations

201674

27
h-index

182427

51
g-index

56
all docs

56
docs citations

56
times ranked

2955
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of brominated flame retardants on neurotransmitter uptake into rat brain synaptosomes and vesicles. <i>Neurochemistry International</i> , 2003, 43, 533-542.	3.8	206
2	Neurotoxic effects of perfluoroalkylated compounds: mechanisms of action and environmental relevance. <i>Archives of Toxicology</i> , 2012, 86, 1349-1367.	4.2	169
3	Neurochemical Targets and Behavioral Effects of Organohalogen Compounds: An Update. <i>Critical Reviews in Toxicology</i> , 2006, 36, 253-289.	3.9	150
4	Mechanisms involved in the neurotoxic effects of environmental toxicants such as polychlorinated biphenyls and brominated flame retardants. <i>Journal of Neurochemistry</i> , 2009, 111, 1327-1347.	3.9	147
5	The effect of polychlorinated biphenyls on the high affinity uptake of the neurotransmitters, dopamine, serotonin, glutamate and GABA, into rat brain synaptosomes. <i>Toxicology</i> , 2001, 159, 11-21.	4.2	133
6	The Polychlorinated Biphenyl Mixture Aroclor 1254 Induces Death of Rat Cerebellar Granule Cells: The Involvement of the N-Methyl-d-aspartate Receptor and Reactive Oxygen Species. <i>Toxicology and Applied Pharmacology</i> , 2002, 179, 137-144.	2.8	119
7	Antimony (Sb) and lead (Pb) in contaminated shooting range soils: Sb and Pb mobility and immobilization by iron based sorbents, a field study. <i>Journal of Hazardous Materials</i> , 2016, 307, 336-343.	12.4	118
8	Neurotoxicity of the pentabrominated diphenyl ether mixture, DE-71, and hexabromocyclododecane (HBCD) in rat cerebellar granule cells in vitro. <i>Archives of Toxicology</i> , 2006, 80, 785-796.	4.2	116
9	In Vitro Toxicity of Tetrabromobisphenol-A on Cerebellar Granule Cells: Cell Death, Free Radical Formation, Calcium Influx and Extracellular Glutamate. <i>Toxicological Sciences</i> , 2006, 96, 268-278.	3.1	108
10	The Effect of a Brominated Flame Retardant, Tetrabromobisphenol-A, on Free Radical Formation in Human Neutrophil Granulocytes: The Involvement of the MAP Kinase Pathway and Protein Kinase C. <i>Toxicological Sciences</i> , 2004, 83, 89-100.	3.1	103
11	Absence of synapsin I and II is accompanied by decreases in vesicular transport of specific neurotransmitters. <i>Journal of Neurochemistry</i> , 2006, 96, 1458-1466.	3.9	74
12	The Effect of Polychlorinated Biphenyls on the Uptake of Dopamine and Other Neurotransmitters into Rat Brain Synaptic Vesicles. <i>Toxicology and Applied Pharmacology</i> , 1999, 161, 274-282.	2.8	73
13	A Commercial Mixture of the Brominated Flame Retardant Pentabrominated Diphenyl Ether (DE-71) Induces Respiratory Burst in Human Neutrophil Granulocytes In Vitro. <i>Toxicological Sciences</i> , 2005, 87, 57-65.	3.1	71
14	Elevated levels of polybrominated diphenyl ethers (PBDEs) in fish from Lake Mjøsa, Norway. <i>Science of the Total Environment</i> , 2008, 390, 132-141.	8.0	64
15	Towards FAIR nanosafety data. <i>Nature Nanotechnology</i> , 2021, 16, 644-654.	31.5	61
16	Hepato(Geno)Toxicity Assessment of Nanoparticles in a HepG2 Liver Spheroid Model. <i>Nanomaterials</i> , 2020, 10, 545.	4.1	55
17	Effect of Polychlorinated Biphenyls on the Uptake of Dopamine into Rat Brain Synaptic Vesicles: A Structure-Activity Study. <i>Toxicology and Applied Pharmacology</i> , 2001, 175, 176-183.	2.8	54
18	Perfluoroalkylated compounds induce cell death and formation of reactive oxygen species in cultured cerebellar granule cells. <i>Toxicology Letters</i> , 2013, 218, 56-60.	0.8	49

#	ARTICLE	IF	CITATIONS
19	Spatial diastereomer patterns of hexabromocyclododecane (HBCD) in a Norwegian fjord. <i>Science of the Total Environment</i> , 2009, 407, 5907-5913.	8.0	46
20	Genotoxicity of Nanomaterials: Advanced In Vitro Models and High Throughput Methods for Human Hazard Assessment – A Review. <i>Nanomaterials</i> , 2020, 10, 1911.	4.1	44
21	Episodic discharge of lead, copper and antimony from a Norwegian small arm shooting range. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1259.	2.1	43
22	Diastereomer-specific bioaccumulation of hexabromocyclododecane (HBCD) in a coastal food web, Western Norway. <i>Science of the Total Environment</i> , 2010, 408, 5910-5916.	8.0	42
23	The comet assay applied to HepG2 liver spheroids. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 845, 403033.	1.7	41
24	Spatial patterns of polybrominated diphenyl ethers (PBDEs) in mosses, herbivores and a carnivore from the Norwegian terrestrial biota. <i>Science of the Total Environment</i> , 2008, 404, 162-170.	8.0	38
25	Distribution and mobility of lead (Pb), copper (Cu), zinc (Zn), and antimony (Sb) from ammunition residues on shooting ranges for small arms located on mires. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10182-10196.	5.3	36
26	In Vitro Approaches for Assessing the Genotoxicity of Nanomaterials. <i>Methods in Molecular Biology</i> , 2019, 1894, 83-122.	0.9	31
27	Clinical application of intrathecal gadobutrol for assessment of cerebrospinal fluid tracer clearance to blood. <i>JCI Insight</i> , 2021, 6, .	5.0	30
28	Toxicity of three halogenated flame retardants to nitrifying bacteria, red clover (<i>Trifolium pratense</i>), and a soil invertebrate (<i>Enchytraeus crypticus</i>). <i>Chemosphere</i> , 2006, 64, 96-103.	8.2	29
29	Accumulation and disposition of hexabromocyclododecane (HBCD) in juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2009, 95, 144-151.	4.0	28
30	Microfluidic In Vitro Platform for (Nano)Safety and (Nano)Drug Efficiency Screening. <i>Small</i> , 2021, 17, 2006012.	10.0	24
31	Uptake and effects of 2, 4, 6 - trinitrotoluene (TNT) in juvenile Atlantic salmon (<i>Salmo salar</i>). <i>Aquatic Toxicology</i> , 2018, 194, 176-184.	4.0	22
32	Effects of Methyl Mercury in Combination with Polychlorinated Biphenyls and Brominated Flame Retardants on the Uptake of Glutamate in Rat Brain Synaptosomes: A Mathematical Approach for the Study of Mixtures. <i>Toxicological Sciences</i> , 2009, 112, 175-184.	3.1	19
33	Accumulation of lead (Pb) in brown trout (<i>Salmo trutta</i>) from a lake downstream a former shooting range. <i>Ecotoxicology and Environmental Safety</i> , 2017, 135, 327-336.	6.0	18
34	Effects of polychlorinated biphenyls on the neutrophil NADPH oxidase system. <i>Toxicology Letters</i> , 2009, 187, 144-148.	0.8	17
35	Brain infection with <i>Staphylococcus aureus</i> leads to high extracellular levels of glutamate, aspartate, β -aminobutyric acid, and zinc. <i>Journal of Neuroscience Research</i> , 2014, 92, 1792-1800.	2.9	17
36	Staphylococcal α -hemolysin is neurotoxic and causes lysis of brain cells in vivo and in vitro. <i>NeuroToxicology</i> , 2015, 48, 61-67.	3.0	17

#	ARTICLE	IF	CITATIONS
37	Relevance of 1,2,5,6,9,10-hexabromocyclododecane diastereomer structure on partitioning properties, column-retention and clean-up procedures. <i>Journal of Chromatography A</i> , 2010, 1217, 1441-1446.	3.7	16
38	Use of sorbents for purification of lead, copper and antimony in runoff water from small arms shooting ranges. <i>Journal of Hazardous Materials</i> , 2012, 243, 95-104.	12.4	16
39	Population pharmacokinetic modeling of CSF to blood clearance: prospective tracer study of 161 patients under work-up for CSF disorders. <i>Fluids and Barriers of the CNS</i> , 2022, 19, .	5.0	16
40	Analytical strategies for successful enantioselective separation of atropisomeric polybrominated biphenyls 132 and 149 in environmental samples. <i>Journal of Chromatography A</i> , 2005, 1063, 193-199.	3.7	15
41	Risk Assessment of Sea Dumped Conventional Munitions. <i>Propellants, Explosives, Pyrotechnics</i> , 2017, 42, 98-105.	1.6	15
42	Two medical therapies very effective shortly after high levels of soman poisoning in rats, but only one with universal utility. <i>Toxicology</i> , 2013, 314, 221-228.	4.2	14
43	Selective adsorption of lead, copper and antimony in runoff water from a small arms shooting range with a combination of charcoal and iron hydroxide. <i>Journal of Environmental Management</i> , 2015, 150, 281-287.	7.8	14
44	Application of sorbents in different soil types from small arms shooting ranges for immobilization of lead (Pb), copper (Cu), zinc (Zn), and antimony (Sb). <i>Journal of Soils and Sediments</i> , 2018, 18, 1558-1568.	3.0	13
45	Assessment of intake of copper and lead by sheep grazing on a shooting range for small arms: a case study. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7337-7346.	5.3	12
46	Determination of the enantiomer fraction of PBB 149 by gas chromatography/electron capture negative ionization tandem mass spectrometry in the selected reaction monitoring mode. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3719-3723.	1.5	11
47	Capacities of metabotropic glutamate modulators in counteracting soman-induced seizures in rats. <i>European Journal of Pharmacology</i> , 2013, 718, 253-260.	3.5	10
48	Supralethal poisoning by any of the classical nerve agents is effectively counteracted by procyclidine regimens in rats. <i>NeuroToxicology</i> , 2015, 50, 142-148.	3.0	10
49	High extracellular levels of potassium and trace metals in human brain abscess. <i>Neurochemistry International</i> , 2015, 82, 28-32.	3.8	10
50	Bioavailability of hexabromocyclododecane to the polychaete <i>Hediste diversicolor</i> : Exposure through sediment and food from a contaminated fjord. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1709-1715.	4.3	8
51	A TOXIC EXTRACT OF THE MARINE PHYTOFLAGELLATE <i>PRYMNESIUM PARVUM</i> INDUCES CALCIUM-DEPENDENT RELEASE OF GLUTAMATE FROM RAT BRAIN SYNAPTOSOMES. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2005, 68, 67-79.	2.3	7
52	A survey of dioxin-like contaminants in fish from recreational fishing. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 509.	2.7	6
53	Toxic effects of gunshot fumes from different ammunitions for small arms on lung cells exposed at the air liquid interface. <i>Toxicology in Vitro</i> , 2021, 72, 105095.	2.4	6
54	The effect of various substituents in ortho position of biphenyls on respiratory burst, intracellular calcium elevation in human granulocytes, and uptake of dopamine into rat brain synaptic vesicles and synaptosomes. <i>Environmental Toxicology and Pharmacology</i> , 2003, 14, 43-50.	4.0	3

#	ARTICLE	IF	CITATIONS
55	Neurotoxicity. Molecular and Integrative Toxicology, 2015, , 219-238.	0.5	2
56	CSF sodium at toxic levels precedes delirium in hip fracture patients. NeuroToxicology, 2018, 69, 11-16.	3.0	1