

Espen Mariussen

List of Publications by Year in descending order

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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	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
2	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
3	Clinical application of intrathecal gadobutrol for assessment of cerebrospinal fluid tracer clearance to blood. <i>JCI Insight</i> , 2021, 6, .	5.0	30
4	Towards FAIR nanosafety data. <i>Nature Nanotechnology</i> , 2021, 16, 644-654.	31.5	61
5	Microfluidic In Vitro Platform for (Nano)Safety and (Nano)Drug Efficiency Screening. <i>Small</i> , 2021, 17, 2006012.	10.0	24
6	Genotoxicity of Nanomaterials: Advanced In Vitro Models and High Throughput Methods for Human Hazard Assessmentâ€”A Review. <i>Nanomaterials</i> , 2020, 10, 1911.	4.1	44
7	Hepato(Geno)Toxicity Assessment of Nanoparticles in a HepG2 Liver Spheroid Model. <i>Nanomaterials</i> , 2020, 10, 545.	4.1	55
8	The comet assay applied to HepG2 liver spheroids. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 845, 403033.	1.7	41
9	In Vitro Approaches for Assessing the Genotoxicity of Nanomaterials. <i>Methods in Molecular Biology</i> , 2019, 1894, 83-122.	0.9	31
10	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
11	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
12	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
13	CSF sodium at toxic levels precedes delirium in hip fracture patients. <i>NeuroToxicology</i> , 2018, 69, 11-16.	3.0	1
14	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
15	Risk Assessment of Sea Dumped Conventional Munitions. <i>Propellants, Explosives, Pyrotechnics</i> , 2017, 42, 98-105.	1.6	15
16	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
17	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
18	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

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19	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
20	High extracellular levels of potassium and trace metals in human brain abscess. <i>Neurochemistry International</i> , 2015, 82, 28-32.	3.8	10
21	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
22	A survey of dioxin-like contaminants in fish from recreational fishing. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 509.	2.7	6
23	Neurotoxicity. <i>Molecular and Integrative Toxicology</i> , 2015, , 219-238.	0.5	2
24	Brain infection with <i>Staphylococcus aureus</i> leads to high extracellular levels of glutamate, aspartate, γ -aminobutyric acid, and zinc. <i>Journal of Neuroscience Research</i> , 2014, 92, 1792-1800.	2.9	17
25	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
26	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
27	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
28	Neurotoxic effects of perfluoroalkylated compounds: mechanisms of action and environmental relevance. <i>Archives of Toxicology</i> , 2012, 86, 1349-1367.	4.2	169
29	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
30	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
31	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
32	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
33	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
34	Spatial diastereomer patterns of hexabromocyclododecane (HBCD) in a Norwegian fjord. <i>Science of the Total Environment</i> , 2009, 407, 5907-5913.	8.0	46
35	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
36	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

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37	Effects of polychlorinated biphenyls on the neutrophil NADPH oxidase system. <i>Toxicology Letters</i> , 2009, 187, 144-148.	0.8	17
38	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
39	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
40	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
41	Neurochemical Targets and Behavioral Effects of Organohalogen Compounds: An Update. <i>Critical Reviews in Toxicology</i> , 2006, 36, 253-289.	3.9	150
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	A TOXIC EXTRACT OF THE MARINE PHYTOFLAGELLATE PRYMNESIUM PARVUM 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
50	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
51	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
52	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
53	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
54	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

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55	Effect of Polychlorinated Biphenyls on the Uptake of Dopamine into Rat Brain Synaptic Vesicles: A Structure-Activity Study. Toxicology and Applied Pharmacology, 2001, 175, 176-183.	2.8	54
56	The Effect of Polychlorinated Biphenyls on the Uptake of Dopamine and Other Neurotransmitters into Rat Brain Synaptic Vesicles. Toxicology and Applied Pharmacology, 1999, 161, 274-282.	2.8	73