Oddvar Myhre

List of Publications by Year
in descending order

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27 papers	1,132 citations	566801 15 h-index	552369 26 g-index
28 all docs	28 docs citations	28 times ranked	1860 citing authors

#	Article	IF	Citations
1	Evaluation of the probes 2â€²,7â€²-dichlorofluorescin diacetate, luminol, and lucigenin as indicators of reactive species formation. Biochemical Pharmacology, 2003, 65, 1575-1582.	2.0	559
2	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. Toxicology and Applied Pharmacology, 2002, 179, 137-144.	1.3	119
3	Early life exposure to air pollution particulate matter (PM) as risk factor for attention deficit/hyperactivity disorder (ADHD): Need for novel strategies for mechanisms and causalities. Toxicology and Applied Pharmacology, 2018, 354, 196-214.	1.3	61
4	Evaluation of Maternal Exposure to PM_{2.5} and Its Components on Maternal and Neonatal Thyroid Function and Birth Weight: A Cohort Study. Thyroid, 2019, 29, 1147-1157.	2.4	48
5	Short- and long-term effects of MDMA (â€œecstasyâ€) on synaptosomal and vesicular uptake of neurotransmitters in vitro and ex vivo. Neurochemistry International, 2003, 43, 393-400.	1.9	39
6	Proinflammatory effects of diesel exhaust particles from moderate blend concentrations of 1st and 2nd generation biodiesel in BEAS-2B bronchial epithelial cellsâ€"The FuelHealth project. Environmental Toxicology and Pharmacology, 2017, 52, 138-142.	2.0	31
7	Exposure to human relevant mixtures of halogenated persistent organic pollutants (POPs) alters neurodevelopmental processes in human neural stem cells undergoing differentiation. Reproductive Toxicology, 2021, 100, 17-34.	1.3	31
8	The Effects of Aliphatic (n-Nonane), Naphtenic (1,2,4-Trimethylcyclohexane), and Aromatic (1,2,4-Trimethylbenzene) Hydrocarbons on Respiratory Burst in Human Neutrophil Granulocytes. Toxicology and Applied Pharmacology, 2000, 167, 222-230.	1.3	30
9	Development of environmental performance indicators supported by an environmental information system: Application to the Norwegian defence sector. Ecological Indicators, 2013, 29, 293-306.	2.6	25
10	Does the food processing contaminant acrylamide cause developmental neurotoxicity? A review and identification of knowledge gaps. Reproductive Toxicology, 2021, 101, 93-114.	1.3	20
11	Lung effects of 7- and 28-day inhalation exposure of rats to emissions from 1st and 2nd generation biodiesel fuels with and without particle filter â€“ The FuelHealth project. Environmental Toxicology and Pharmacology, 2019, 67, 8-20.	2.0	19
12	Effects of polychlorinated biphenyls on the neutrophil NADPH oxidase system. Toxicology Letters, 2009, 187, 144-148.	0.4	17
13	Gene expression changes in rat brain regions after 7- and 28 days inhalation exposure to exhaust emissions from 1st and 2nd generation biodiesel fuels - The FuelHealth project. Inhalation Toxicology, 2018, 30, 299-312.	0.8	17
14	No adverse lung effects of 7- and 28-day inhalation exposure of rats to emissions from petrodiesel fuel containing 20% rapeseed methyl esters (B20) with and without particulate filter â€“ the FuelHealth project. Inhalation Toxicology, 2017, 29, 206-218.	0.8	16
15	Repeated five-day administration of L-BMAA, microcystin-LR, or as mixture, in adult C57BL/6 mice - lack of adverse cognitive effects. Scientific Reports, 2018, 8, 2308.	1.6	16
16	Maternal exposure to a human based mixture of persistent organic pollutants (POPs) affect gene expression related to brain function in mice offspring hippocampus. Chemosphere, 2021, 276, 130123.	4.2	15
17	Restoration of Cognitive Performance in Mice Carrying a Deficient Allele of 8-Oxoguanine DNA Glycosylase by X-ray Irradiation. Neurotoxicity Research, 2018, 33, 824-836.	1.3	14
18	The effects of 1st and 2nd generation biodiesel exhaust exposure on hematological and biochemical blood indices of Fisher344 male rats â€“ The FuelHealth project. Environmental Toxicology and Pharmacology, 2018, 63, 34-47.	2.0	10

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19	Effects of a human-based mixture of persistent organic pollutants on the in vivo exposed cerebellum and cerebellar neuronal cultures exposed in vitro. Environment International, 2021, 146, 106240.	4.8	10
20	Effects of long-term exposure of 3,4-methylenedioxymethamphetamine (MDMA; â€œecstasyâ€) on neuronal transmitter transport, brain immuno-regulatory systems and progression of experimental periodontitis in rats. Neurochemistry International, 2014, 72, 30-36.	1.9	9
21	Peripherally administered persistent organic pollutants distribute to the brain of developing chicken embryo in concentrations relevant for human exposure. NeuroToxicology, 2022, 88, 79-87.	1.4	8
22	Analysis of elimination half-lives in MamTKDB 1.0 related to bioaccumulation: Requirement of repeated administration and blood plasma values underrepresent tissues. Environment International, 2021, 155, 106592.	4.8	5
23	A human relevant mixture of persistent organic pollutants induces reactive oxygen species formation in isolated human leucocytes: Involvement of the Î²2-adrenergic receptor. Environment International, 2022, 158, 106900.	4.8	5
24	Global warming contributions from alternative approaches to waste management in the Norwegian Armed Forces. Waste Management and Research, 2011, 29, 1098-1107.	2.2	3
25	Developmental neurotoxicity of acrylamide and its metabolite glycidamide in a human mixed culture of neurons and astrocytes undergoing differentiation in concentrations relevant for human exposure. NeuroToxicology, 2022, 92, 33-48.	1.4	3
26	Editorial: Toxicants and neurodevelopmental disorders. Reproductive Toxicology, 2022, 110, 68-69.	1.3	2
27	Response to Kim et al.. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 72, glw231.	1.7	0