Guillaume Pelletier

List of Publications by Year
in descending order

20	279	932766 10	887659 17
papers	citations	h-index	g-index

20	20	20	533
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metals and oxidative potential in urban particulate matter influence systemic inflammatory and neural biomarkers: A controlled exposure study. Environment International, 2018, 121, 1331-1340.	4.8	56
2	Influence of exposure to coarse, fine and ultrafine urban particulate matter and their biological constituents on neural biomarkers in a randomized controlled crossover study. Environment International, 2017, 101, 89-95.	4.8	43
3	Cardio-Respiratory Effects of Air Pollution in a Panel Study of Outdoor Physical Activity and Health in Rural Older Adults. Journal of Occupational and Environmental Medicine, 2017, 59, 356-364.	0.9	24
4	Cardiorespiratory Effects of Air Pollution in a Panel Study of Winter Outdoor Physical Activity in Older Adults. Journal of Occupational and Environmental Medicine, 2018, 60, 673-682.	0.9	22
5	A PCR-based quantitative assay for the evaluation of mRNA integrity in rat samples. Biomolecular Detection and Quantification, 2018, 15, 18-23.	7.0	21
6	Modulation of the effects of methylmercury on rat neurodevelopment by co-exposure with Labrador Tea (Rhododendron tomentosum ssp. subarcticum). Food and Chemical Toxicology, 2011, 49, 2336-2342.	1.8	17
7	A PCR-based approach to assess genomic DNA contamination in RNA: Application to rat RNA samples. Analytical Biochemistry, 2016, 494, 49-51.	1.1	14
8	Comparison of tris(2â€ethylhexyl) phosphate and di(2â€ethylhexyl) phosphoric acid toxicities in a rat 28â€day oral exposure study. Journal of Applied Toxicology, 2020, 40, 600-618.	1.4	12
9	Perinatal methylmercury exposure perturbs the expression of Plp1 and Cnp splice variants in cerebellum of rat pups. NeuroToxicology, 2015, 48, 223-230.	1.4	11
10	Toxicokinetics in rats and modeling to support the interpretation of biomonitoring data for rare-earth elements. Environment International, 2021, 155, 106685.	4.8	11
11	Associations between urinary biomarkers of oxidative stress and air pollutants observed in a randomized crossover exposure to steel mill emissions. International Journal of Hygiene and Environmental Health, 2017, 220, 387-394.	2.1	10
12	Associations between air pollution and cardio-respiratory physiological measures in older adults exercising outdoors. International Journal of Environmental Health Research, 2021, 31, 1-14.	1.3	8
13	A bioinformatics workflow for the evaluation of RT-qPCR primer specificity: Application for the assessment of gene expression data reliability in toxicological studies. Regulatory Toxicology and Pharmacology, 2020, 111, 104575.	1.3	8
14	Effect of the dose on the toxicokinetics of a quaternary mixture of rare earth elements administered to rats. Toxicology Letters, 2021, 345, 46-53.	0.4	7
15	Effects of Jatropha oil on rats following 28â€day oral treatment. Journal of Applied Toxicology, 2013, 33, 618-625.	1.4	6
16	Development of a sensitive in vitro assay to quantify the biological activity of pro-inflammatory phorbol esters in Jatropha oil. In Vitro Cellular and Developmental Biology - Animal, 2015, 51, 644-650.	0.7	3
17	Co-administration of a Rhododendron tomentosum extract does not affect mercury tissue concentrations and excretion rate in methylmercury-treated adult male rats. BMC Research Notes, 2019, 12, 369.	0.6	3
18	Characterization of the rat Acetylcholinesterase readthrough (AChE-R) splice variant: Implications for toxicological studies. Biochemical and Biophysical Research Communications, 2020, 532, 528-534.	1.0	2

#	Article	IF	Citations
19	Characterization of the pro-inflammatory potencies of purified Jatropha phorbol esters by a gene expression-based in vitro bioassay. Toxicological and Environmental Chemistry, 2017, 99, 869-882.	0.6	1
20	A bioinformatics framework for targeted gene expression assay design: Application to in vitro developmental neurotoxicity screening in a rat model. Regulatory Toxicology and Pharmacology, 2022, 133, 105211.	1.3	0