

# Guillaume Pelletier

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

279  
citations

932766

10  
h-index

887659

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

533  
citing authors

#	ARTICLE	IF	CITATIONS
1	A bioinformatics framework for targeted gene expression assay design: Application to in vitro developmental neurotoxicity screening in a rat model. <i>Regulatory Toxicology and Pharmacology</i> , 2022, 133, 105211.	1.3	0
2	Associations between air pollution and cardio-respiratory physiological measures in older adults exercising outdoors. <i>International Journal of Environmental Health Research</i> , 2021, 31, 1-14.	1.3	8
3	Effect of the dose on the toxicokinetics of a quaternary mixture of rare earth elements administered to rats. <i>Toxicology Letters</i> , 2021, 345, 46-53.	0.4	7
4	Toxicokinetics in rats and modeling to support the interpretation of biomonitoring data for rare-earth elements. <i>Environment International</i> , 2021, 155, 106685.	4.8	11
5	Comparison of tris(2-ethylhexyl) phosphate and di(2-ethylhexyl) phosphoric acid toxicities in a rat 28-day oral exposure study. <i>Journal of Applied Toxicology</i> , 2020, 40, 600-618.	1.4	12
6	Characterization of the rat Acetylcholinesterase readthrough (AChE-R) splice variant: Implications for toxicological studies. <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 528-534.	1.0	2
7	A bioinformatics workflow for the evaluation of RT-qPCR primer specificity: Application for the assessment of gene expression data reliability in toxicological studies. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 111, 104575.	1.3	8
8	Co-administration of a <i>Rhododendron tomentosum</i> extract does not affect mercury tissue concentrations and excretion rate in methylmercury-treated adult male rats. <i>BMC Research Notes</i> , 2019, 12, 369.	0.6	3
9	A PCR-based quantitative assay for the evaluation of mRNA integrity in rat samples. <i>Biomolecular Detection and Quantification</i> , 2018, 15, 18-23.	7.0	21
10	Cardiorespiratory Effects of Air Pollution in a Panel Study of Winter Outdoor Physical Activity in Older Adults. <i>Journal of Occupational and Environmental Medicine</i> , 2018, 60, 673-682.	0.9	22
11	Metals and oxidative potential in urban particulate matter influence systemic inflammatory and neural biomarkers: A controlled exposure study. <i>Environment International</i> , 2018, 121, 1331-1340.	4.8	56
12	Associations between urinary biomarkers of oxidative stress and air pollutants observed in a randomized crossover exposure to steel mill emissions. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 387-394.	2.1	10
13	Cardio-Respiratory Effects of Air Pollution in a Panel Study of Outdoor Physical Activity and Health in Rural Older Adults. <i>Journal of Occupational and Environmental Medicine</i> , 2017, 59, 356-364.	0.9	24
14	Influence of exposure to coarse, fine and ultrafine urban particulate matter and their biological constituents on neural biomarkers in a randomized controlled crossover study. <i>Environment International</i> , 2017, 101, 89-95.	4.8	43
15	Characterization of the pro-inflammatory potencies of purified <i>Jatropha</i> phorbol esters by a gene expression-based in vitro bioassay. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 869-882.	0.6	1
16	A PCR-based approach to assess genomic DNA contamination in RNA: Application to rat RNA samples. <i>Analytical Biochemistry</i> , 2016, 494, 49-51.	1.1	14
17	Development of a sensitive in vitro assay to quantify the biological activity of pro-inflammatory phorbol esters in <i>Jatropha</i> oil. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 644-650.	0.7	3
18	Perinatal methylmercury exposure perturbs the expression of <i>Plp1</i> and <i>Cnp</i> splice variants in cerebellum of rat pups. <i>NeuroToxicology</i> , 2015, 48, 223-230.	1.4	11

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19	Effects of Jatropha oil on rats following 28-day oral treatment. <i>Journal of Applied Toxicology</i> , 2013, 33, 618-625.	1.4	6
20	Modulation of the effects of methylmercury on rat neurodevelopment by co-exposure with Labrador Tea ( <i>Rhododendron tomentosum</i> ssp. <i>subarcticum</i> ). <i>Food and Chemical Toxicology</i> , 2011, 49, 2336-2342.	1.8	17