

# SÃ©bastien Lemiere

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5641690/publications.pdf>

Version: 2024-02-01

32  
papers

989  
citations

471509

17  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning and Real-Time PCR Testing of 14 Potential Biomarkers in <i>Eisenia fetida</i> Following Cadmium Exposure. <i>Environmental Science &amp; Technology</i> , 2006, 40, 2844-2850.	10.0	117
2	Ecotoxicology of silver nanoparticles and their derivatives introduced in soil with or without sewage sludge: A review of effects on microorganisms, plants and animals. <i>Environmental Pollution</i> , 2019, 253, 578-598.	7.5	89
3	Ferroquine, the next generation antimalarial drug, has antitumor activity. <i>Scientific Reports</i> , 2017, 7, 15896.	3.3	72
4	DNA damage measured by the single-cell gel electrophoresis (Comet) assay in mammals fed with mussels contaminated by the "Erika"™ oil-spill. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 581, 11-21.	1.7	70
5	Antioxidant responses of Annelids, Brassicaceae and Fabaceae to pollutants: A review. <i>Ecotoxicology and Environmental Safety</i> , 2015, 114, 273-303.	6.0	63
6	Mycosubtilin and surfactin are efficient, low ecotoxicity molecules for the biocontrol of lettuce downy mildew. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6255-6264.	3.6	55
7	Metallic trace element body burdens and gene expression analysis of biomarker candidates in <i>Eisenia fetida</i> , using an "exposure/deuration" experimental scheme with field soils. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1034-1045.	6.0	51
8	Improved single-cell gel electrophoresis assay for detecting DNA damage in <i>Eisenia foetida</i> . <i>Environmental and Molecular Mutagenesis</i> , 2005, 46, 246-252.	2.2	42
9	Exposures to chemical contaminants: What can we learn from reproduction and development endpoints in the amphibian toxicology literature?. <i>Environmental Pollution</i> , 2019, 248, 478-495.	7.5	39
10	Growth and metal accumulation in <i>Porcellio scaber</i> exposed to poplar litter from Cd-, Pb-, and Zn-contaminated sites. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 451-458.	6.0	38
11	Combined toxic effects and DNA damage to two plant species exposed to binary metal mixtures (Cd/Pb). <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 278-287.	6.0	32
12	Metallothionein response following cadmium exposure in the oligochaete <i>Eisenia fetida</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 144, 34-46.	2.6	31
13	Gene expression analysis of 4 biomarker candidates in <i>Eisenia fetida</i> exposed to an environmental metallic trace elements gradient: A microcosm study. <i>Science of the Total Environment</i> , 2011, 409, 5470-5482.	8.0	30
14	Effects of silver nanoparticles on performance of anaerobic digestion of sewage sludge and associated microbial communities. <i>Renewable Energy</i> , 2021, 171, 1014-1025.	8.9	28
15	Assessing the effects of FBC ash treatments of metal-contaminated soils using life history traits and metal bioaccumulation analysis of the earthworm <i>Eisenia andrei</i> . <i>Chemosphere</i> , 2010, 79, 156-161.	8.2	24
16	DNA damage (comet assay) and 8-oxodGuo (HPLC-EC) in relation to oxidative stress in the freshwater bivalve <i>Unio tumidus</i> . <i>Biomarkers</i> , 2005, 10, 41-57.	1.9	23
17	Combined effect of Cd and Pb spiked field soils on bioaccumulation, DNA damage, and peroxidase activities in <i>Trifolium repens</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 1755-1767.	5.3	18
18	Genotoxicity related to transfer of oil spill pollutants from mussels to mammals via food. <i>Environmental Toxicology</i> , 2004, 19, 387-395.	4.0	17

#	ARTICLE	IF	CITATIONS
19	Cadmium but not lead exposure affects <i>Xenopus laevis</i> fertilization and embryo cleavage. <i>Aquatic Toxicology</i> , 2016, 177, 1-7.	4.0	17
20	Antioxidant defense gene analysis in <i>Brassica oleracea</i> and <i>Trifolium repens</i> exposed to Cd and/or Pb. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3136-3151.	5.3	17
21	Accumulation, speciation and localization of silver nanoparticles in the earthworm <i>Eisenia fetida</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 3756-3765.	5.3	16
22	Fluctuating asymmetry analysis on <i>Porcellio scaber</i> (Crustacea, Isopoda) populations living under metals-contaminated woody habitats. <i>Ecological Indicators</i> , 2012, 23, 130-139.	6.3	13
23	<i>Xenopus laevis</i> oocyte maturation is affected by metal chlorides. <i>Toxicology in Vitro</i> , 2015, 29, 1124-1131.	2.4	13
24	Maturation of <i>Xenopus laevis</i> oocytes under cadmium and lead exposures: Cell biology investigations. <i>Aquatic Toxicology</i> , 2017, 193, 105-110.	4.0	12
25	Impact of cadmium on forage kale ( <i>Brassica oleracea</i> var. <i>viridis</i> cv "Prover") after 3-,10- and 56-day exposure to a Cd-spiked field soil. <i>Environmental Science and Pollution Research</i> , 2021, 28, 25060-25068.	5.3	12
26	Medium-term effects of Ag supplied directly or via sewage sludge to an agricultural soil on <i>Eisenia fetida</i> earthworm and soil microbial communities. <i>Chemosphere</i> , 2021, 269, 128761.	8.2	12
27	Effect of fluidized bed combustion ashes used in metal polluted soil remediation on life history traits of the oligochaeta <i>Eisenia andrei</i> . <i>European Journal of Soil Biology</i> , 2007, 43, S256-S260.	3.2	10
28	Comparative avoidance behaviour of the earthworm <i>Eisenia fetida</i> towards chloride, nitrate and sulphate salts of Cd, Cu and Zn using filter paper and extruded water agar gels as exposure media. <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 66-74.	6.0	9
29	Isopod physiological and behavioral responses to drier conditions: An experiment with four species in the context of global warming. <i>European Journal of Soil Biology</i> , 2019, 90, 22-30.	3.2	8
30	Effects of glyphosate and a commercial formulation Roundup® exposures on maturation of <i>Xenopus laevis</i> oocytes. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3697-3705.	5.3	8
31	Genotoxic and CYP 1A enzyme effects consecutive to the food transfer of oil spill contaminants from mussels to mammals. <i>Aquatic Living Resources</i> , 2004, 17, 303-307.	1.2	2
32	Adverse effects of fly ashes used as immobilizing agents for highly metal-contaminated soils on <i>Xenopus laevis</i> oocytes survival and maturation—a study performed in the north of France with field soil extracts. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3706-3714.	5.3	1