SÃ©bastien Cambier

List of Publications by Year
in descending order

56	1,935	218381 26	264894 42
papers	citations	h-index	g-index

56	56	56	3310
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological and histopathological alterations in male Swiss mice after exposure to titanium dioxide (anatase) and zinc oxide nanoparticles and their binary mixture. Drug and Chemical Toxicology, 2022, 45, 1188-1213.	1.2	5
2	Comparative Life Cycle Assessment of a microalgae-based oil metal working fluid with its petroleum-based and vegetable-based counterparts. Journal of Cleaner Production, 2022, 338, 130506.	4.6	12
3	Versailles project on advanced materials and standards (VAMAS) interlaboratory study on measuring the number concentration of colloidal gold nanoparticles. Nanoscale, 2022, 14, 4690-4704.	2.8	15
4	Exploration of the co-structuring and stabilising role of flaxseed gum in whey protein isolate based cryo-hydrogels. Carbohydrate Polymers, 2022, 289, 119424.	5.1	8
5	Maximizing the relevance and reproducibility of A549 cell culture using FBS-free media. Toxicology in Vitro, 2022, 83, 105423.	1.1	8
6	Repeated exposure of Caco-2 versus Caco-2/HT29-MTX intestinal cell models to (nano)silver in vitro: Comparison of two commercially available colloidal silver products. Science of the Total Environment, 2021, 754, 142324.	3.9	24
7	Sub-chronic effects of AgNPs and AuNPs on Gammarus fossarum (Crustacea Amphipoda): From molecular to behavioural responses. Ecotoxicology and Environmental Safety, 2021, 210, 111775.	2.9	14
8	Physico-chemical properties and toxicological effects on plant and algal models of carbon nanosheets from a nettle fibre clone. Scientific Reports, 2021, 11, 6945.	1.6	49
9	Stem cells of aquatic invertebrates as an advanced tool for assessing ecotoxicological impacts. Science of the Total Environment, 2021, 771, 144565.	3.9	24
10	Attached and planktonic bacterial communities on bio-based plastic granules and micro-debris in seawater and freshwater. Science of the Total Environment, 2021, 785, 147413.	3.9	22
11	npSCOPE: A New Multimodal Instrument for In Situ Correlative Analysis of Nanoparticles. Analytical Chemistry, 2021, 93, 14417-14424.	3.2	11
12	An across-species comparison of the sensitivity of different organisms to Pb-based perovskites used in solar cells. Science of the Total Environment, 2020, 708, 135134.	3.9	18
13	Alteration of sperm parameters and reproductive hormones in Swiss mice via oxidative stress after coâ€exposure to titanium dioxide and zinc oxide nanoparticles. Andrologia, 2020, 52, e13758.	1.0	25
14	The Food Matrix and the Gastrointestinal Fluids Alter the Features of Silver Nanoparticles. Small, 2020, 16, e1907687.	5.2	28
15	Soluble silver ions from silver nanoparticles induce a polarised secretion of interleukin-8 in differentiated Caco-2 cells. Toxicology Letters, 2020, 325, 14-24.	0.4	13
16	Genetic and systemic toxicity induced by silver and copper oxide nanoparticles, and their mixture in Clarias gariepinus (Burchell, 1822). Environmental Science and Pollution Research, 2019, 26, 27470-27481.	2.7	18
17	Gall Wasp Transcriptomes Unravel Potential Effectors Involved in Molecular Dialogues With Oak and Rose. Frontiers in Physiology, 2019, 10, 926.	1.3	33
18	Evaluation of cytogenotoxicity and oxidative stress parameters in male Swiss mice co-exposed to titanium dioxide and zinc oxide nanoparticles. Environmental Toxicology and Pharmacology, 2019, 70, 103204.	2.0	34

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19	In vitro exposure of a 3D-tetraculture representative for the alveolar barrier at the air-liquid interface to silver particles and nanowires. Particle and Fibre Toxicology, 2019, 16, 14.	2.8	33
20	Rheological and structural characterisation of whey protein acid gels co-structured with chia (Salvia hispanica L.) or flax seed (Linum usitatissimum L.) mucilage. Food Hydrocolloids, 2019, 89, 542-553.	5.6	21
21	An in vitro coculture system for the detection of sensitization following aerosol exposure. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 403-418.	0.9	12
22	Fate and effects of silver nanoparticles on early life-stage development of zebrafish (Danio rerio) in comparison to silver nitrate. Science of the Total Environment, 2018, 610-611, 972-982.	3.9	35
23	Chromium hazard and risk assessment: New insights from a detailed speciation study in a standard test medium. Environmental Toxicology and Chemistry, 2018, 37, 983-992.	2.2	35
24	Identification of reference genes for RT-qPCR data normalization in Gammarus fossarum (Crustacea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	8
25	A likely placental barrier against methylmercury in pregnant rats exposed to fish-containing diets. Food and Chemical Toxicology, 2018, 122, 11-20.	1.8	11
26	Do the pristine physico-chemical properties of silver and gold nanoparticles influence uptake and molecular effects on Gammarus fossarum (Crustacea Amphipoda)?. Science of the Total Environment, 2018, 643, 1200-1215.	3.9	31
27	Responsiveness assessment of a 3D tetra-culture alveolar model exposed to diesel exhaust particulate matter. Toxicology in Vitro, 2018, 53, 67-79.	1.1	15
28	Maristemâ€"Stem Cells of Marine/Aquatic Invertebrates: From Basic Research to Innovative Applications. Sustainability, 2018, 10, 526.	1.6	9
29	IN VITRO CELLULAR MODELS, A RESOURCEFUL TOOL IN RESPIRATORY TOXICOLOGY. Farmacia, 2018, 66, 573-580.	0.1	5
30	Does kappa-carrageenan thermoreversible gelation affect Î²-carotene oxidative degradation and bioaccessibility in o/w emulsions?. Carbohydrate Polymers, 2017, 167, 259-269.	5.1	9
31	Influence of Size and Shape on the Anatomical Distribution of Endotoxin-Free Gold Nanoparticles. ACS Nano, 2017, 11, 5519-5529.	7.3	131
32	Endothelial responses of the alveolar barrier in vitro in a dose-controlled exposure to diesel exhaust particulate matter. Particle and Fibre Toxicology, 2017, 14, 7.	2.8	51
33	Benchmark of Nanoparticle Tracking Analysis on Measuring Nanoparticle Sizing and Concentration. Journal of Micro and Nano-Manufacturing, 2017, 5, .	0.8	30
34	Modulation of chemical stability and in vitro bioaccessibility of beta-carotene loaded in kappa-carrageenan oil-in-gel emulsions. Food Chemistry, 2017, 220, 208-218.	4.2	51
35	Inhibition of multixenobiotic resistance transporters (MXR) by silver nanoparticles and ions in vitro and in Daphnia magna. Science of the Total Environment, 2016, 569-570, 681-689.	3.9	25
36	Dataset of liver proteins of eu- and hypothyroid rats affected in abundance by any of three factors: in vivo exposure to hexabromocyclododecane (HBCD), thyroid status, gender differences. Data in Brief, 2016, 8, 1344-1347.	0.5	2

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37	Gender specific differences in the liver proteome of rats exposed to short term and low-concentration hexabromocyclododecane (HBCD). Toxicology Research, 2016, 5, 1273-1283.	0.9	11
38	Gammarus fossarum (Crustacea, Amphipoda) as a model organism to study the effects of silver nanoparticles. Science of the Total Environment, 2016, 566-567, 1649-1659.	3.9	35
39	Dataset of liver proteins changed in eu- and hypothyroid female rats upon in vivo exposure to hexabromocyclododecane (HBCD). Data in Brief, 2016, 7, 386-392.	0.5	1
40	Manufactured nanoparticles in the aquatic environment-biochemical responses on freshwater organisms: A critical overview. Aquatic Toxicology, 2016, 170, 162-174.	1.9	183
41	Silver nanoparticles impact the functional role of Gammarus roeseli (Crustacea Amphipoda). Environmental Pollution, 2016, 208, 608-618.	3.7	27
42	Hexabromocyclododecane (HBCD) induced changes in the liver proteome of eu- and hypothyroid female rats. Toxicology Letters, 2016, 245, 40-51.	0.4	24
43	Chemical stability and bioaccessibility of Î²-carotene encapsulated in sodium alginate o/w emulsions: Impact of Ca2+ mediated gelation. Food Hydrocolloids, 2016, 57, 301-310.	5.6	63
44	Impact of Endocrine Disruptors on the Thyroid Hormone System. Hormone Research in Paediatrics, 2016, 86, 271-278.	0.8	28
45	Effects of silver nanoparticles and ions on a co-culture model for the gastrointestinal epithelium. Particle and Fibre Toxicology, 2015, 13, 9.	2.8	99
46	Transcriptomic response of Manduca sexta immune tissues to parasitization by the bracovirus associated wasp Cotesia congregata. Insect Biochemistry and Molecular Biology, 2015, 62, 86-99.	1.2	33
47	Impact of dietary cadmium sulphide nanoparticles onDanio reriozebrafish at very low contamination pressure. Nanotoxicology, 2014, 8, 676-685.	1.6	35
48	Functional Annotation of Cotesia congregata Bracovirus: Identification of Viral Genes Expressed in Parasitized Host Immune Tissues. Journal of Virology, 2014, 88, 8795-8812.	1.5	56
49	Genotoxic effects of exposure to waterborne uranium, dietary methylmercury and hyperoxia in zebrafish assessed by the quantitative RAPD-PCR method. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 755, 55-60.	0.9	22
50	Impact of dietary gold nanoparticles in zebrafish at very low contamination pressure: The role of size, concentration and exposure time. Nanotoxicology, 2012, 6, 144-160.	1.6	93
51	Effects of dietary methylmercury on the zebrafish brain: histological, mitochondrial, and gene transcription analyses. BioMetals, 2012, 25, 165-180.	1.8	56
52	Genotoxic damages in zebrafish submitted to a polymetallic gradient displayed by the Lot River (France). Ecotoxicology and Environmental Safety, 2011, 74, 974-983.	2.9	38
53	Methylmercury localization in Danio rerio retina after trophic and subchronic exposure: A basis for neurotoxicology. NeuroToxicology, 2010, 31, 448-453.	1.4	33
54	Cadmium-induced genotoxicity in zebrafish at environmentally relevant doses. Ecotoxicology and Environmental Safety, 2010, 73, 312-319.	2.9	93

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55	Serial Analysis of Gene Expression in the Skeletal Muscles of Zebrafish Fed with a Methylmercury-Contaminated Diet. Environmental Science & Technology, 2010, 44, 469-475.	4.6	39
56	At environmental doses, dietary methylmercury inhibits mitochondrial energy metabolism in skeletal muscles of the zebra fish (Danio rerio). International Journal of Biochemistry and Cell Biology, 2009, 41, 791-799.	1.2	91