StÃ©phane Reynaud

List of Publications by Year
in descending order

60 papers	2,815 citations	218381 26 h-index	182168 51 g-index
61 all docs	61 docs citations	61 times ranked	3157 citing authors

#	Article	IF	Citations
1	Emerging concepts and opportunities for endocrine disruptor screening of the non-EATS modalities. Environmental Research, 2022, 204, 111904.	3.7	25
2	A cross-species comparative approach to assessing multi- and transgenerational effects of endocrine disrupting chemicals. Environmental Research, 2022, 204, 112063.	3.7	27
3	Exposure to a mixture of benzo[a]pyrene and triclosan induces multi-and transgenerational metabolic disorders associated with decreased female investment in reproduction in Silurana (Xenopus) tropicalis. Environmental Pollution, 2022, 292, 118418.	3.7	4
4	Exposure of Anopheles gambiae larvae to a sub-lethal dose of an agrochemical mixture induces tolerance to adulticides used in vector control management. Aquatic Toxicology, 2022, 248, 106181.	1.9	12
5	Transgenerational metabolic disorders and reproduction defects induced by benzo[a]pyrene in Xenopus tropicalis. Environmental Pollution, 2021, 269, 116109.	3.7	14
6	Molecular bases of P450-mediated resistance to the neonicotinoid insecticide imidacloprid in the mosquito Ae. aegypti. Aquatic Toxicology, 2021, 236, 105860.	1.9	10
7	Experimental evolution supports the potential of neonicotinoid-pyrethroid combination for managing insecticide resistance in malaria vectors. Scientific Reports, 2021, 11, 19501.	1.6	15
8	Combining genetic crosses and pool targeted DNAâ€seq for untangling genomic variations associated with resistance to multiple insecticides in the mosquito <i>Aedes aegypti</i>. Evolutionary Applications, 2020, 13, 303-317.	1.5	22
9	Agrochemicals disrupt multiple endocrine axes in amphibians. Molecular and Cellular Endocrinology, 2020, 513, 110861.	1.6	44
10	Concomitant exposure to benzo[a]pyrene and triclosan at environmentally relevant concentrations induces metabolic syndrome with multigenerational consequences in Silurana (Xenopus) tropicalis. Science of the Total Environment, 2019, 689, 149-159.	3.9	11
11	Unexpected metabolic disorders induced by endocrine disruptors in <i>Xenopus tropicalis</i> provide new lead for understanding amphibian decline. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4416-E4425.	3.3	49
12	Multiscale Approach to Deciphering the Molecular Mechanisms Involved in the Direct and Intergenerational Effect of Ibuprofen on Mosquito <i>Aedes aegypti</i>. Environmental Science & Technology, 2018, 52, 7937-7950.	4.6	14
13	Impact of micropollutants on the life-history traits of the mosquito Aedes aegypti: On the relevance of transgenerational studies. Environmental Pollution, 2017, 220, 242-254.	3.7	24
14	In the hunt for genomic markers of metabolic resistance to pyrethroids in the mosquito Aedes aegypti: An integrated next-generation sequencing approach. PLoS Neglected Tropical Diseases, 2017, 11, e0005526.	1.3	73
15	Metal exposure in cows grazing pasture contaminated by iron industry: Insights from magnetic particles used as tracers. Environmental Pollution, 2016, 212, 565-573.	3.7	6
16	Effect of organochlorine pesticides exposure on the maize root metabolome assessed using high-resolution magic-angle spinning 1H NMR spectroscopy. Environmental Pollution, 2016, 214, 539-548.	3.7	34
17	Metabolic and immune impairments induced by the endocrine disruptors benzo[a]pyrene and triclosan in Xenopus tropicalis. Chemosphere, 2016, 155, 519-527.	4.2	36
18	Identifying genomic changes associated with insecticide resistance in the dengue mosquito <i>Aedes aegypti</i> by deep targeted sequencing. Genome Research, 2015, 25, 1347-1359.	2.4	151

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19	Chemical and biological insecticides select distinct gene expression patterns in Aedes aegypti mosquito. Biology Letters, 2014, 10, 20140716.	1.0	24
20	Gene expression patterns and sequence polymorphisms associated with mosquito resistance to Bacillus thuringiensis israelensis toxins. BMC Genomics, 2014, 15, 926.	1.2	28
21	UV light and urban pollution: Bad cocktail for mosquitoes?. Aquatic Toxicology, 2014, 146, 52-60.	1.9	8
22	Isolation of technogenic magnetic particles. Science of the Total Environment, 2014, 475, 39-47.	3.9	19
23	Impaired liver function in Xenopus tropicalis exposed to benzo[a]pyrene: transcriptomic and metabolic evidence. BMC Genomics, 2014, 15, 666.	1.2	40
24	Comparative analysis of response to selection with three insecticides in the dengue mosquito Aedes aegypti using mRNA sequencing. BMC Genomics, 2014, 15, 174.	1.2	82
25	Cell cycle disruption and apoptosis as mechanisms of toxicity of organochlorines in Zea mays roots. Journal of Hazardous Materials, 2014, 276, 312-322.	6.5	7
26	Contrasting patterns of tolerance between chemical and biological insecticides in mosquitoes exposed to UV-A. Aquatic Toxicology, 2013, 140-141, 389-397.	1.9	8
27	Are coarse particles unexpected common reservoirs for some atmospheric anthropogenic trace elements? A case study. Atmospheric Environment, 2013, 74, 217-226.	1.9	6
28	The central role of mosquito cytochrome P450 CYP6Zs in insecticide detoxification revealed by functional expression and structural modelling. Biochemical Journal, 2013, 455, 75-85.	1.7	92
29	Molecular mechanisms associated with increased tolerance to the neonicotinoid insecticide imidacloprid in the dengue vector Aedes aegypti. Aquatic Toxicology, 2013, 126, 326-337.	1.9	78
30	Decreased Toxicity of Bacillus thuringiensis subsp. israelensis to Mosquito Larvae after Contact with Leaf Litter. Applied and Environmental Microbiology, 2012, 78, 5189-5195.	1.4	24
31	Cross Talk between Immunoglobulin Heavy-Chain Transcription and RNA Surveillance during B Cell Development. Molecular and Cellular Biology, 2012, 32, 107-117.	1.1	28
32	Fate of Bacillus thuringiensis subsp. israelensis in the Field: Evidence for Spore Recycling and Differential Persistence of Toxins in Leaf Litter. Applied and Environmental Microbiology, 2012, 78, 8362-8367.	1.4	40
33	Do pollutants affect insecticide-driven gene selection in mosquitoes? Experimental evidence from transcriptomics. Aquatic Toxicology, 2012, 114-115, 49-57.	1.9	60
34	Transcription profiling of resistance to Bti toxins in the mosquito Aedes aegypti using next-generation sequencing. Journal of Invertebrate Pathology, 2012, 109, 201-208.	1.5	27
35	Toxicokinetic of benzo[a]pyrene and fipronil in female green frogs (Pelophylax kl. esculentus). Environmental Pollution, 2012, 161, 206-214.	3.7	29
36	Insecticide Resistance in the Dengue Vector Aedes aegypti from Martinique: Distribution, Mechanisms and Relations with Environmental Factors. PLoS ONE, 2012, 7, e30989.	1.1	183

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37	The herbicide aclonifen: The complex theoretical bases of sunflower tolerance. Pesticide Biochemistry and Physiology, 2011, 100, 193-198.	1.6	22
38	Transcriptome response to pollutants and insecticides in the dengue vector Aedes aegypti using next-generation sequencing technology. BMC Genomics, 2010, 11, 216.	1.2	111
39	Transcription profiling of eleven cytochrome P450s potentially involved in xenobiotic metabolism in the mosquito <i>Aedes aegypti</i>. Insect Molecular Biology, 2010, 19, 185-193.	1.0	103
40	Physiological and biochemical modes of action of the diphenylether aclonifen. Pesticide Biochemistry and Physiology, 2009, 93, 65-71.	1.6	24
41	Exploring the molecular basis of insecticide resistance in the dengue vector Aedes aegypti: a case study in Martinique Island (French West Indies). BMC Genomics, 2009, 10, 494.	1.2	163
42	Impact of glyphosate and benzo[a]pyrene on the tolerance of mosquito larvae to chemical insecticides. Role of detoxification genes in response to xenobioticsâ˜†. Aquatic Toxicology, 2009, 93, 61-69.	1.9	109
43	Cross-induction of detoxification genes by environmental xenobiotics and insecticides in the mosquito Aedes aegypti: Impact on larval tolerance to chemical insecticides. Insect Biochemistry and Molecular Biology, 2008, 38, 540-551.	1.2	246
44	Interactions between immune and biotransformation systems in fish: A review. Aquatic Toxicology, 2008, 87, 139-145.	1.9	56
45	Ubiquitous Water-Soluble Molecules in Aquatic Plant Exudates Determine Specific Insect Attraction. PLoS ONE, 2008, 3, e3350.	1.1	14
46	Long Lasting Persistence of Bacillus thuringiensis Subsp. israelensis (Bti) in Mosquito Natural Habitats. PLoS ONE, 2008, 3, e3432.	1.1	63
47	Functional platelet-activating factor receptors in immature forms of leukemic blasts. Leukemia Research, 2007, 31, 399-402.	0.4	10
48	The effects of polycyclic aromatic hydrocarbons on the immune system of fish: A review. Aquatic Toxicology, 2006, 77, 229-238.	1.9	309
49	Possible implication of macrophages in the regulation of cytochrome P450 activities in carp (Cyprinus) Tj ETQq1 1 0.784314 rgBT /Ov	1.6	11
50	PGE2 receptor subtype functionality on immature forms of human leukemic blasts. Leukemia Research, 2006, 30, 1309-1313.	0.4	24
51	Interallelic class switch recombination can reverse allelic exclusion and allowtrans-complementation of an IgH locus switching defect. European Journal of Immunology, 2006, 36, 2181-2191.	1.6	13
52	The effects of 3-methylcholanthrene on lymphocyte proliferation in the common carp (Cyprinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	2.0	26
53	Interallelic Class Switch Recombination Contributes Significantly to Class Switching in Mouse B Cells. Journal of Immunology, 2005, 174, 6176-6183.	0.4	27
54	Interleukin-1Î± and tumor necrosis factor Î± modulate cytochrome P450 activities in carp (Cyprinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	9

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55	3-Methylcholanthrene induces lymphocyte and phagocyte apoptosis in common carp (Cyprinus carpio) Tj ETQq1 1 0.784314 rgBT /Ove	1.9	24
56	3-Methylcholanthrene inhibits lymphocyte proliferation and increases intracellular calcium levels in common carp (Cyprinus carpio L). Aquatic Toxicology, 2003, 63, 319-331.	1.9	21
57	The effects of 3-methylcholanthrene on macrophage respiratory burst and biotransformation activities in the common carp (Cyprinus carpio L.). Fish and Shellfish Immunology, 2002, 12, 17-34.	1.6	25
58	Lindane increases macrophage-activating factor production and intracellular calcium in rainbow trout (Oncorhynchus mykiss) leukocytes. Ecotoxicology and Environmental Safety, 2002, 53, 388-396.	2.9	13
59	Lindane-induced macrophage activating factor (MAF) production by peripheral blood leukocytes (PBLs) of rainbow trout (Oncorhynchus mykiss): involvement of intracellular cAMP mobilization. Aquatic Toxicology, 2002, 56, 81-91.	1.9	14
60	3-Methylcholanthrene Increases Phorbol 12-Myristate 13-Acetate-Induced Respiratory Burst Activity and Intracellular Calcium Levels in Common Carp (Cyprinus carpio L) Macrophages. Toxicology and Applied Pharmacology, 2001, 175, 1-9.	1.3	23