Benoit Goussen

List of Publications by Year
in descending order

14	325	933447 10	1058476 14
papers	citations	h-index	g-index

15	15	15	465
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modelling survival: exposure pattern, species sensitivity and uncertainty. Scientific Reports, 2016, 6, 29178.	3.3	56
2	Effects of chronic gamma irradiation: a multigenerational study using Caenorhabditis elegans. Journal of Environmental Radioactivity, 2014, 137, 190-197.	1.7	51
3	An Individual-Based Model of Zebrafish Population Dynamics Accounting for Energy Dynamics. PLoS ONE, 2015, 10, e0125841.	2.5	39
4	Integrated presentation of ecological risk from multiple stressors. Scientific Reports, 2016, 6, 36004.	3.3	34
5	Energy-based modelling to assess effects of chemicals on Caenorhabditis elegans: A case study on uranium. Chemosphere, 2015, 120, 507-514.	8.2	30
6	Consequences of a multi-generation exposure to uranium on Caenorhabditis elegans life parameters and sensitivity. Ecotoxicology, 2013, 22, 869-878.	2.4	24
7	Rapid evolutionary responses of life history traits to different experimentally-induced pollutions in Caenorhabditis elegans. BMC Evolutionary Biology, 2014, 14, 252.	3.2	20
8	Adaptation costs to constant and alternating polluted environments. Evolutionary Applications, 2017, 10, 839-851.	3.1	18
9	Bioenergetics modelling to analyse and predict the joint effects of multiple stressors: Meta-analysis and model corroboration. Science of the Total Environment, 2020, 749, 141509.	8.0	18
10	Transgenerational Adaptation to Pollution Changes Energy Allocation in Populations of Nematodes. Environmental Science & Technology, 2015, 49, 12500-12508.	10.0	13
11	Pollution Breaks Down the Genetic Architecture of Life History Traits in Caenorhabditis elegans. PLoS ONE, 2015, 10, e0116214.	2.5	10
12	Considerations for using reproduction data in toxicokineticâ€“toxicodynamic modeling. Integrated Environmental Assessment and Management, 2022, 18, 479-487.	2.9	6
13	Modelling historical mesocosm data: Application of a fish bioenergetics model in semiâ€natural conditions. Ecology of Freshwater Fish, 2018, 27, 1101-1113.	1.4	4
14	The application and limitations of exposure multiplication factors in sublethal effect modelling. Scientific Reports, 2022, 12, 6031.	3.3	2