Maranda Esterhuizen-Londt

List of Publications by Year in Descending Order

45 papers	747 citations	14 h-index	26 g-index
51 ext. papers	966 ext. citations	4.2 avg, IF	4.72 L-index

#	Paper	IF	Citations
45	In vivo oxidative stress responses of the freshwater basket clam Corbicula javanicus to microplastic fibres and particles.. *Chemosphere*, **2022**, 134037	8.4	0
44	Pharmaceutical Pollution in Aquatic Environments: A Concise Review of Environmental Impacts and Bioremediation Systems.. *Frontiers in Microbiology*, **2022**, 13, 869332	5.7	4
43	Effects of polypropylene, polyvinyl chloride, polyethylene terephthalate, polyurethane, high-density polyethylene, and polystyrene microplastic on Nelumbo nucifera (Lotus) in water and sediment. *Environmental Science and Pollution Research*, **2021**, 1	5.1	5
42	Case Study Comparing Effects of Microplastic Derived from Bottle Caps Collected in Two Cities on Triticum aestivum (Wheat). *Environments - MDPI*, **2021**, 8, 64	3.2	3
41	Mycoremediation of acetaminophen: Culture parameter optimization to improve efficacy. *Chemosphere*, **2021**, 263, 128117	8.4	5
40	Reviewing Interspecies Interactions as a Driving Force Affecting the Community Structure in Lakes via Cyanotoxins. *Microorganisms*, **2021**, 9,	4.9	6
39	Ageing affects microplastic toxicity over time: Effects of aged polycarbonate on germination, growth, and oxidative stress of Lepidium sativum. *Science of the Total Environment*, **2021**, 790, 148166	10.2	7
38	Bioavailability of microcystin-LR in two different soil types to the legume Alfalfa Medicago sativa L.. *International Journal of Environmental Science and Technology*, **2021**, 18, 3845	3.3	0
37	Uptake and Effects of Cylindrospermopsin: Biochemical, Physiological and Biometric Responses in The Submerged Macrophyte Egeria densa Planch. *Water (Switzerland)*, **2020**, 12, 2997	3	2
36	Microplastics Exposure Causes Negligible Effects on the Oxidative Response Enzymes Glutathione Reductase and Peroxidase in the Oligochaete. *Toxics*, **2020**, 8,	4.7	6
35	The Influence of New and Artificial Aged Microplastic and Leachates on the Germination of L. *Plants*, **2020**, 9,	4.5	25
34	Avoid Soil Spiked with Microplastic. *Toxics*, **2020**, 8,	4.7	13
33	Self-contamination from clothing in microplastics research. *Ecotoxicology and Environmental Safety*, **2020**, 189, 110036	7	38
32	Microcystins as environmental and human health hazards **2020**, 591-604		1
31	Phytoremediation: green technology for the removal of mixed contaminants of a water supply reservoir. *International Journal of Phytoremediation*, **2019**, 21, 372-379	3.9	8
30	Translocation of the cyanobacterial toxin microcystin-LR into guttation drops of Triticum aestivum and remaining toxicity. *Environmental Pollution*, **2019**, 253, 61-67	9.3	3
29	Desmodesmus subspicatus co-cultured with microcystin producing (PCC 7806) and the non-producing (PCC 7005) strains of Microcystis aeruginosa. *Ecotoxicology*, **2019**, 28, 834-842	2.9	4

28	Interspecies interactions between Microcystis aeruginosa PCC 7806 and Desmodesmus subspicatus SAG 86.81 in a co-cultivation system at various growth phases. *Environment International*, **2019**, 131, 105052	12.9	7
27	Assessment of microplastic pollution: occurrence and characterisation in Vesij�vi lake and Pikku Vesij�vi pond, Finland. *Environmental Monitoring and Assessment*, **2019**, 191, 652	3.1	41
26	Uptake, Growth, and Pigment Changes in L. Exposed to Environmental Concentrations of Cylindrospermopsin. *Toxins*, **2019**, 11,	4.9	5
25	Vegetables cultivated with exposure to pure and naturally occurring �N-methylamino-L-alanine (BMAA) via irrigation. *Environmental Research*, **2019**, 169, 357-361	7.9	9
24	Protein association of �N-methylamino-L-alanine in Triticum aestivum via irrigation. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2018**, 35, 731-739	3.2	9
23	Still challenging: the ecological function of the cyanobacterial toxin microcystin �What we know so far. *Toxin Reviews*, **2018**, 37, 87-105	2.3	54
22	Fate of Enrofloxacin in Lake Sediment: Biodegradation, Transformation Product Identification, and Ecotoxicological Implications. *Soil and Sediment Contamination*, **2018**, 27, 357-368	3.2	3
21	Toxicity and Toxin Composition of Microcystis aeruginosa from Wangsong Reservoir. *Toxicology and Environmental Health Sciences*, **2018**, 10, 179-185	1.9	4
20	The effect of oxytetracycline on physiological and enzymatic defense responses in aquatic plant species Egeria densa, Azolla caroliniana, and Taxiphyllum barbieri. *Toxicological and Environmental Chemistry*, **2017**, 99, 104-116	1.4	18
19	Rise of toxic cyanobacterial blooms in temperate freshwater lakes: causes, correlations and possible countermeasures. *Toxicological and Environmental Chemistry*, **2017**, 99, 543-577	1.4	39
18	Mycoremediation of diclofenac using Mucor hiemalis. *Toxicological and Environmental Chemistry*, **2017**, 99, 795-808	1.4	13
17	Responses of the antioxidative and biotransformation enzymes in the aquatic fungus Mucor hiemalis exposed to cyanotoxins. *Biotechnology Letters*, **2017**, 39, 1201-1209	3	9
16	Uptake and biotransformation of pure commercial microcystin-LR versus microcystin-LR from a natural cyanobacterial bloom extract in the aquatic fungus Mucor hiemalis. *Biotechnology Letters*, **2017**, 39, 1537-1545	3	6
15	Using aquatic fungi for pharmaceutical bioremediation: Uptake of acetaminophen by Mucor hiemalis does not result in an enzymatic oxidative stress response. *Fungal Biology*, **2016**, 120, 1249-57	2.8	26
14	LC-MS/MS method development for quantitative analysis of acetaminophen uptake by the aquatic fungus Mucor hiemalis. *Ecotoxicology and Environmental Safety*, **2016**, 128, 230-5	7	13
13	Physiological responses of Cladophora glomerata to cyanotoxins: a potential new phytoremediation species for the Green Liver Systems. *Toxicological and Environmental Chemistry*, **2016**, 98, 241-259	1.4	4
12	Oxidative stress responses in the animal model, Daphnia pulex exposed to a natural bloom extract versus artificial cyanotoxin mixtures. *Aquatic Toxicology*, **2016**, 179, 151-7	5.1	18
11	Inability to detect free cylindrospermopsin in spiked aquatic organism extracts plausibly suggests protein binding. *Toxicon*, **2016**, 122, 89-93	2.8	4

10	βN-methylamino-L-alanine (BMAA) metabolism in the aquatic macrophyte Ceratophyllum demersum. *Ecotoxicology and Environmental Safety*, **2015**, 120, 88-92	7	8
9	βN-methylamino-L-alanine (BMAA) uptake by the animal model, Daphnia magna and subsequent oxidative stress. *Toxicon*, **2015**, 100, 20-6	2.8	26
8	Antioxidative stress responses in the floating macrophyte Lemna minor L. with cylindrospermopsin exposure. *Aquatic Toxicology*, **2015**, 169, 188-95	5.1	17
7	Development and validation of an in-house quantitative analysis method for cylindrospermopsin using hydrophilic interaction liquid chromatography-tandem mass spectrometry: Quantification demonstrated in 4 aquatic organisms. *Environmental Toxicology and Chemistry*, **2015**, 34, 2878-83	3.8	9
6	The effect of βN-methylamino-L-alanine (BMAA) on oxidative stress response enzymes of the macrophyte Ceratophyllum demersum. *Toxicon*, **2011**, 57, 803-10	2.8	39
5	βN-Methylamino-L-alanine (BMAA) uptake by the aquatic macrophyte Ceratophyllum demersum. *Ecotoxicology and Environmental Safety*, **2011**, 74, 74-7	7	30
4	Solid phase extraction of βN-methylamino-L-alanine (BMAA) from South African water supplies. *Water S A*, **2011**, 37,	1.3	2
3	Distinguishing the cyanobacterial neurotoxin beta-N-methylamino-L-alanine (BMAA) from its structural isomer 2,4-diaminobutyric acid (2,4-DAB). *Toxicon*, **2010**, 56, 868-79	2.8	56
2	Beta-N-methylamino-L-alanine (BMAA) in novel South African cyanobacterial isolates. *Ecotoxicology and Environmental Safety*, **2008**, 71, 309-13	7	143
1	Fungal pellets as potential tools to control water pollution: Strategic approach for the pelletization and subsequent microcystin-LR uptake by Mucor hiemalis. *Journal of Applied Biology & Biotechnology*,	2.1	3