

# Michelle Gehringer

## List of Publications by Year in descending order

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29  
papers

1,623  
citations

394421

19  
h-index

501196

28  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric CO <sub>2</sub> availability induces varying responses in net photosynthesis, toxin production and N <sub>2</sub> fixation rates in heterocystous filamentous Cyanobacteria (Nostoc and Nodularia). <i>Aquatic Sciences</i> , 2021, 83, 1.	1.5	4
2	Diurnal Fe(II)/Fe(III) cycling and enhanced O <sub>2</sub> production in a simulated Archean marine oxygen oasis. <i>Nature Communications</i> , 2021, 12, 2069.	12.8	6
3	How are oxygen budgets influenced by dissolved iron and growth of oxygenic phototrophs in an iron-rich spring system? Initial results from the Espan Spring in F <sup>1</sup> / <sub>4</sub> rth, Germany. <i>Biogeosciences</i> , 2021, 18, 4535-4548.	3.3	1
4	Metagenomic Insights Into the Microbial Iron Cycle of Subseafloor Habitats. <i>Frontiers in Microbiology</i> , 2021, 12, 667944.	3.5	4
5	A low-cost automatized anaerobic chamber for long-term growth experiments and sample handling. <i>HardwareX</i> , 2021, 10, e00237.	2.2	2
6	Exploring cycad foliage as an archive of the isotopic composition of atmospheric nitrogen. <i>Geobiology</i> , 2020, 18, 152-166.	2.4	9
7	An investigation into the effects of increasing salinity on photosynthesis in freshwater unicellular cyanobacteria during the late Archean. <i>Geobiology</i> , 2019, 17, 343-359.	2.4	18
8	Global cellular responses to <sup>12</sup> C-methyl-amino-L-alanine (BMAA) by olfactory ensheathing glial cells (OEC). <i>Toxicon</i> , 2015, 99, 136-145.	1.6	15
9	Climate change and regulation of hepatotoxin production in Cyanobacteria. <i>FEMS Microbiology Ecology</i> , 2014, 88, 1-25.	2.7	39
10	Nostoc, Microcoleus and Leptolyngbya inoculums are detrimental to the growth of wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.7	11
11	Cliotoxicity of the cyanotoxin, <sup>12</sup> C-methyl-amino-L-alanine (BMAA). <i>Scientific Reports</i> , 2013, 3, 1482.	3.3	59
12	Excitotoxic potential of the cyanotoxin <sup>12</sup> C-methyl-amino-L-alanine (BMAA) in primary human neurons. <i>Toxicon</i> , 2012, 60, 1159-1165.	1.6	74
13	Nodularin, a cyanobacterial toxin, is synthesized <i>in planta</i> by symbiotic <i>Nostoc</i> sp.. <i>ISME Journal</i> , 2012, 6, 1834-1847.	9.8	75
14	Comparative analysis of cyanobacteria in the rhizosphere and as endosymbionts of cycads in drought-affected soils. <i>FEMS Microbiology Ecology</i> , 2012, 80, 204-215.	2.7	25
15	A new quantitative PCR assay for the detection of hepatotoxigenic cyanobacteria. <i>Toxicon</i> , 2011, 57, 546-554.	1.6	54
16	How accurately can we detect <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infection?. <i>Journal of Microbiological Methods</i> , 2011, 85, 1-8.	1.6	49
17	Does <sup>12</sup> C-Amino- <sup>12</sup> C-methylaminopropionic Acid (BMAA) Play a Role in Neurodegeneration?. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 3728-3746.	2.6	85
18	Host Selection of Symbiotic Cyanobacteria in 31 Species of the Australian Cycad Genus: <i>Macrozamia</i> (Zamiaceae). <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 811-822.	2.6	49

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19	Medium N:P Ratios and Specific Growth Rate Comodulate Microcystin and Protein Content in <i>Microcystis aeruginosa</i> PCC7806 and <i>M. aeruginosa</i> UV027. <i>Microbial Ecology</i> , 2005, 49, 468-473.	2.8	110
20	Microcystin content of <i>Microcystis aeruginosa</i> is modulated by nitrogen uptake rate relative to specific growth rate or carbon fixation rate. <i>Environmental Toxicology</i> , 2005, 20, 257-262.	4.0	99
21	Genetic Variation of the Bloom-Forming Cyanobacterium <i>Microcystis aeruginosa</i> within and among Lakes: Implications for Harmful Algal Blooms. <i>Applied and Environmental Microbiology</i> , 2005, 71, 6126-6133.	3.1	123
22	Comparison of the structure of key variants of microcystin to vasopressin. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 297-303.	4.0	10
23	An investigation into the detoxification of microcystin-LR by the glutathione pathway in Balb/c mice. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 931-941.	2.8	119
24	The role of microcystin-LR in the induction of apoptosis and oxidative stress in CaCo2 cells. <i>Toxicon</i> , 2004, 43, 85-92.	1.6	100
25	The effect of intraperitoneally administered microcystin-LR on the gastrointestinal tract of Balb/c mice. <i>Toxicon</i> , 2004, 43, 251-254.	1.6	63
26	Microcystin-LR and okadaic acid-induced cellular effects: a dualistic response. <i>FEBS Letters</i> , 2004, 557, 1-8.	2.8	244
27	An investigation of the role of vitamin E in the protection of mice against microcystin toxicity. <i>Environmental Toxicology</i> , 2003, 18, 142-148.	4.0	49
28	An investigation into the effect of selenium supplementation on microcystin hepatotoxicity. <i>Toxicon</i> , 2003, 41, 451-458.	1.6	51
29	The use of <i>Lepidium sativum</i> in a plant bioassay system for the detection of microcystin-LR. <i>Toxicon</i> , 2003, 41, 871-876.	1.6	75