

# Miroslav Gantar

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,732  
citations

361413  
20  
h-index

552781  
26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening of cyanobacteria and microalgae for their ability to synthesize silver nanoparticles with antibacterial activity. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015, 5, 112-119.	4.4	301
2	MICROALGAE AND CYANOBACTERIA: FOOD FOR THOUGHT <sup>1</sup> . <i>Journal of Phycology</i> , 2008, 44, 260-268.	2.3	165
3	Cyanobacterial Toxins as Allelochemicals with Potential Applications as Algaecides, Herbicides and Insecticides. <i>Marine Drugs</i> , 2008, 6, 117-146.	4.6	139
4	Cyanobacterial Toxins as Allelochemicals with Potential Applications as Algaecides, Herbicides and Insecticides. <i>Marine Drugs</i> , 2008, 6, 117-146.	4.6	127
5	The presence of the cyanobacterial toxin microcystin in black band disease of corals. <i>FEMS Microbiology Letters</i> , 2007, 272, 182-187.	1.8	87
6	Allelopathic activity among Cyanobacteria and microalgae isolated from Florida freshwater habitats. <i>FEMS Microbiology Ecology</i> , 2008, 64, 55-64.	2.7	85
7	The zebrafish ( <i>Danio rerio</i> ) embryo as a model system for identification and characterization of developmental toxins from marine and freshwater microalgae. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 145, 61-72.	2.6	78
8	Characterization of <i>Roseofilum reptotaenium</i> ( <i>Oscillatoriales</i> , <i>Cyanobacteria</i> ) gen. et sp. nov. isolated from Caribbean black band disease. <i>Phycologia</i> , 2012, 51, 489-499.	1.4	78
9	Cyanotoxins from Black Band Disease of Corals and from Other Coral Reef Environments. <i>Microbial Ecology</i> , 2009, 58, 856-864.	2.8	71
10	Phycocyanin Induces Apoptosis and Enhances the Effect of Topotecan on Prostate Cell Line LNCaP. <i>Journal of Medicinal Food</i> , 2012, 15, 1091-1095.	1.5	68
11	Isolation, characterization and antioxidative activity of C-phycocyanin from <i>Limnothrix</i> sp. strain 37-2-1. <i>Journal of Biotechnology</i> , 2012, 159, 21-26.	3.8	66
12	Everglades Periphyton: A Biogeochemical Perspective. <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 309-343.	12.8	63
13	Sulfide, microcystin, and the etiology of black band disease. <i>Diseases of Aquatic Organisms</i> , 2009, 87, 79-90.	1.0	60
14	Pharmacology and toxicology of pahayokolide A, a bioactive metabolite from a freshwater species of <i>Lyngbya</i> isolated from the Florida Everglades. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 139, 231-238.	2.6	58
15	Structures of Pahayokolides A and B, Cyclic Peptides from a <i>Lyngbya</i> sp.. <i>Journal of Natural Products</i> , 2007, 70, 730-735.	3.0	47
16	Microcystin production and ecological physiology of Caribbean black band disease cyanobacteria. <i>Environmental Microbiology</i> , 2011, 13, 900-910.	3.8	36
17	Indole Alkaloids from <i>Fischerella</i> Inhibit Vertebrate Development in the Zebrafish ( <i>Danio rerio</i> ) Embryo Model. <i>Toxins</i> , 2014, 6, 3568-3581.	3.4	30
18	Antibacterial Activity of Marine and Black Band Disease Cyanobacteria against Coral-Associated Bacteria. <i>Marine Drugs</i> , 2011, 9, 2089-2105.	4.6	29

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19	Effects of Cyanobacterial Lipopolysaccharides from <i>Microcystis</i> on Glutathione-Based Detoxification Pathways in the Zebrafish ( <i>Danio rerio</i> ) Embryo. <i>Toxins</i> , 2012, 4, 390-404.	3.4	28
20	Occurrence and distribution of novel botryococcene hydrocarbons in freshwater wetlands of the Florida Everglades. <i>Chemosphere</i> , 2007, 70, 224-236.	8.2	26
21	Identification of teratogenic polymethoxy-1-alkenes from <i>Cylindrospermopsis raciborskii</i> , and taxonomically diverse freshwater cyanobacteria and green algae. <i>Harmful Algae</i> , 2015, 49, 156-161.	4.8	19
22	Carotenoid glycosides from cyanobacteria are teratogenic in the zebrafish ( <i>Danio rerio</i> ) embryo model. <i>Chemosphere</i> , 2017, 174, 478-489.	8.2	19
23	Polymethoxy-1-alkenes from <i>Aphanizomenon ovalisporum</i> Inhibit Vertebrate Development in the Zebrafish ( <i>Danio rerio</i> ) Embryo Model. <i>Marine Drugs</i> , 2012, 10, 2322-2336.	4.6	16
24	Ecology and Physiology of the Pathogenic Cyanobacterium <i>Roseofilum reptotaenium</i> . <i>Life</i> , 2014, 4, 968-987.	2.4	16
25	Growth of Calcareous Epilithic Mats in the Margin of Natural and Polluted Hydrosystems: Phosphorus Removal Implications in the C&A111 Basin, Florida Everglades, USA. <i>Lake and Reservoir Management</i> , 2002, 18, 324-330.	1.3	13
26	Omega-7 producing alkaliphilic diatom <i>Fistulifera</i> sp. (Bacillario-phyceae) from Lake Okeechobee, Florida. <i>Algae</i> , 2020, 35, 91-106.	2.3	7