Claudia D Piccini

List of Publications by Year
in descending order

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50	1,097	331670	434195
papers	citations	21 h-index	31 g-index

52	52	52	1335
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genotyping and Multivariate Regression Trees Reveal Ecological Diversification within the Microcystis aeruginosa Complex along a Wide Environmental Gradient. Applied and Environmental Microbiology, 2022, 88, AEM0147521.	3.1	2
2	Spatial and temporal dynamics and potential pathogenicity of fecal coliforms in coastal shallow groundwater wells. Environmental Monitoring and Assessment, 2022, 194, 89.	2.7	2
3	Rapid freshwater discharge on the coastal ocean as a mean of long distance spreading of an unprecedented toxic cyanobacteria bloom. Science of the Total Environment, 2021, 754, 142362.	8.0	23
4	A traitâ€based approach predicting community assembly and dominance of microbial invasive species. Oikos, 2021, 130, 571-586.	2.7	19
5	Machine learning methods for imbalanced data set for prediction of faecal contamination in beach waters. Water Research, 2021, 202, 117450.	11.3	21
6	Metagenomic analysis of Raphidiopsis raciborskii microbiome: beyond the individual. Biodiversity Data Journal, 2021, 9, e72514.	0.8	8
7	Teaching during the COVID-19 Pandemic: Sharing Results and Data Obtained from the Ames Test. Journal of Microbiology and Biology Education, 2021, 22, .	1.0	1
8	Identifying Invaders: The Case of Ceratium furcoides (Gonyaulacales, Dinophyceae) in South America. Journal of Phycology, 2020, 56, 1362-1366.	2.3	11
9	Morphology captures toxicity in Microcystis aeruginosa complex: Evidence from a wide environmental gradientâœ°. Harmful Algae, 2020, 97, 101854.	4.8	7
10	Experimental evidence on the effects of temperature and salinity in morphological traits of the Microcystis aeruginosa complex. Journal of Microbiological Methods, 2020, 175, 105971.	1.6	8
11	Biogeography of the cyanobacterium Raphidiopsis (Cylindrospermopsis) raciborskii: Integrating genomics, phylogenetic and toxicity data. Molecular Phylogenetics and Evolution, 2020, 148, 106824.	2.7	27
12	Resistance to degradation and effect of the herbicide glyphosate on the bacterioplankton community of a large river system dominated by agricultural activities. Marine and Freshwater Research, 2020, 71, 1026.	1.3	4
13	Alterations in the Gut Microbiota of Rats Chronically Exposed to Volatilized Cocaine and Its Active Adulterants Caffeine and Phenacetin. Neurotoxicity Research, 2019, 35, 111-121.	2.7	48
14	Microbial Source Tracking Analysis Using Viral Indicators in Santa LucÃa and Uruguay Rivers, Uruguay. Food and Environmental Virology, 2019, 11, 259-267.	3.4	11
15	A Simple and Effective Method for Extracting Potential Mutagens from Sediment Samples in the Classroom Laboratory Setting. Journal of Microbiology and Biology Education, 2018, 19, .	1.0	1
16	Improved biovolume estimation of Microcystis aeruginosa colonies: A statistical approach. Journal of Microbiological Methods, 2018, 151, 20-27.	1.6	8
17	Effect of nutrient availability on cylindrospermopsin gene expression and toxin production in Cylindrospermopsis raciborskii. Aquatic Microbial Ecology, 2018, 82, 105-110.	1.8	4
18	DetecciÃ³n de poblaciones tÃ³xicas de Microcystis spp. con distintas preferencias ambientales. Estudio de caso embalse de Salto Grande. Innotec, 2018, , .	0.1	0

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19	Dynamics of toxic genotypes of Microcystis aeruginosa complex (MAC) through a wide freshwater to marine environmental gradient. Harmful Algae, 2017, 62, 73-83.	4.8	42
20	Increased sampled volume improves Microcystis aeruginosa complex (MAC) colonies detection and prediction using Random Forests. Ecological Indicators, 2017, 79, 347-354.	6.3	26
21	A multilevel trait-based approach to the ecological performance of Microcystis aeruginosa complex from headwaters to the ocean. Harmful Algae, 2017, 70, 23-36.	4.8	25
22	Influence of nitrogen availability on the expression of genes involved in the biosynthesis of saxitoxin and analogs in Cylindrospermopsis raciborskii. Harmful Algae, 2016, 56, 37-43.	4.8	20
23	Competition and protist predation are important regulators of riverine bacterial community composition and size distribution. Journal of Freshwater Ecology, 2016, 31, 609-623.	1.2	16
24	Influence of UV-B radiation on the fitness and toxin expression of the cyanobacterium Cylindrospermopsis raciborskii. Hydrobiologia, 2016, 763, 161-172.	2.0	15
25	Bacterial diversity patterns of the intertidal biofilm in urban beaches of RÃo de la Plata. Marine Pollution Bulletin, 2015, 91, 476-482.	5.0	15
26	Combining immunolabeling and catalyzed reporter deposition to detect intracellular saxitoxin in a cyanobacterium. Journal of Microbiological Methods, 2015, 117, 18-21.	1.6	5
27	Incidence of phytoplankton and environmental conditions on the bacterial ammonium uptake in a subtropical coastal lagoon. Journal of Limnology, 2014, 73, .	1.1	1
28	Application of ancient <scp>DNA</scp> to the reconstruction of past microbial assemblages and for the detection of toxic cyanobacteria in subtropical freshwater ecosystems. Molecular Ecology, 2014, 23, 5791-5802.	3.9	31
29	Environmental Dynamics as a Structuring Factor for Microbial Carbon Utilization in a Subtropical Coastal Lagoon. Frontiers in Microbiology, 2013, 4, 14.	3.5	12
30	Photoalteration of macrophyte-derived chromophoric dissolved organic matter induces growth of single bacterial populations in a coastal lagoon. Journal of Limnology, 2013, 72, 49.	1.1	2
31	Revealing Toxin Signatures in Cyanobacteria: Report of Genes Involved in Cylindrospermopsin Synthesis from Saxitoxin-Producing <i>Cylindrospermopsis raciborskii</i>. Advances in Microbiology, 2013, 03, 289-296.	0.6	18
32	The Use of the Ames Test as a Tool for Addressing Problem-Based Learning in the Microbiology Lab. Journal of Microbiology and Biology Education, 2012, 13, 175-177.	1.0	7
33	Genetic and eco-physiological differences of South American Cylindrospermopsis raciborskii isolates support the hypothesis of multiple ecotypes. Harmful Algae, 2011, 10, 644-653.	4.8	107
34	Proteomic analysis of Proteus mirabilis outer membrane proteins reveals differential expression in vivo vs. in vitro conditions. FEMS Immunology and Medical Microbiology, 2011, 63, 174-182.	2.7	11
35	Coastal bacterioplankton community diversity along a latitudinal gradient in Latin America by means of V6 tag pyrosequencing. Archives of Microbiology, 2011, 193, 105-114.	2.2	29
36	Ecophysiological differences of betaproteobacterial populations in two hydrochemically distinct compartments of a subtropical lagoon. Environmental Microbiology, 2009, 11, 867-876.	3.8	33

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37	Alteration of chromophoric dissolved organic matter by solar UV radiation causes rapid changes in bacterial community composition. Photochemical and Photobiological Sciences, 2009, 8, 1321-1328.	2.9	48
38	Colonization of overlaying water by bacteria from dry river sediments. Environmental Microbiology, 2008, 10, 2760-2772.	3.8	54
39	An iron-regulated outer-membrane protein of Proteus mirabilis is a haem receptor that plays an important role in urinary tract infection and in in vivo growth. Journal of Medical Microbiology, 2007, 56, 1600-1607.	1.8	31
40	Phenotypic and genotypic characterization of Paenibacillus larvae isolates. Veterinary Microbiology, 2007, 124, 178-183.	1.9	34
41	DNA extraction and PCR detection of Paenibacillus larvae spores from naturally contaminated honey and bees using spore-decoating and freeze-thawing techniques. World Journal of Microbiology and Biotechnology, 2007, 23, 593-597.	3.6	28
42	Blooms of Single Bacterial Species in a Coastal Lagoon of the Southwestern Atlantic Ocean. Applied and Environmental Microbiology, 2006, 72, 6560-6568.	3.1	65
43	An approach to the characterization of the honey bee hive bacterial flora. Journal of Apicultural Research, 2004, 43, 101-104.	1.5	25
44	Paenibacillus larvae larvae spores in honey samples from Uruguay: a nationwide survey. Journal of Invertebrate Pathology, 2004, 86, 56-58.	3.2	34
45	Title is missing!. World Journal of Microbiology and Biotechnology, 2002, 18, 761-765.	3.6	39
46	American Foulbrood in Uruguay: Isolation of Paenibacillus larvae larvae from Larvae with Clinical Symptoms and Adult Honeybees and Susceptibility to Oxytetracycline. Journal of Invertebrate Pathology, 2001, 78, 176-177.	3.2	19
47	Growth, cellular differentiation and virulence factor expression by Proteus mirabilis in vitro and in vivo. Journal of Medical Microbiology, 1999, 48, 527-534.	1.8	6
48	Identification of iron-regulated outer membrane proteins in uropathogenicProteus mirabilisand its relationship with heme uptake. FEMS Microbiology Letters, 1998, 166, 243-248.	1.8	18
49	Defined mutants ofProteus mirabilislacking flagella cause ascending urinary tract infection in mice. Microbial Pathogenesis, 1996, 21, 395-405.	2.9	30
50	Flagellate and non-flagellate Proteus mirabilis in the development of experimental urinary tract infection. Microbial Pathogenesis, 1994, 16, 379-385.	2.9	44