Claudia D Piccini

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3718143/publications.pdf

Version: 2024-02-01

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	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
2	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
3	Colonization of overlaying water by bacteria from dry river sediments. Environmental Microbiology, 2008, 10, 2760-2772.	3.8	54
4	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
5	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
6	Flagellate and non-flagellate Proteus mirabilis in the development of experimental urinary tract infection. Microbial Pathogenesis, 1994, 16, 379-385.	2.9	44
7	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
8	Title is missing!. World Journal of Microbiology and Biotechnology, 2002, 18, 761-765.	3.6	39
9	Paenibacillus larvae larvae spores in honey samples from Uruguay: a nationwide survey. Journal of Invertebrate Pathology, 2004, 86, 56-58.	3.2	34
10	Phenotypic and genotypic characterization of Paenibacillus larvae isolates. Veterinary Microbiology, 2007, 124, 178-183.	1.9	34
11	Ecophysiological differences of betaproteobacterial populations in two hydrochemically distinct compartments of a subtropical lagoon. Environmental Microbiology, 2009, 11, 867-876.	3.8	33
12	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
13	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
14	Defined mutants ofProteus mirabilislacking flagella cause ascending urinary tract infection in mice. Microbial Pathogenesis, 1996, 21, 395-405.	2.9	30
15	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
16	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
17	Biogeography of the cyanobacterium Raphidiopsis (Cylindrospermopsis) raciborskii: Integrating genomics, phylogenetic and toxicity data. Molecular Phylogenetics and Evolution, 2020, 148, 106824.	2.7	27
18	Increased sampled volume improves Microcystis aeruginosa complex (MAC) colonies detection and prediction using Random Forests. Ecological Indicators, 2017, 79, 347-354.	6.3	26

#	Article	IF	Citations
19	An approach to the characterization of the honey bee hive bacterial flora. Journal of Apicultural Research, 2004, 43, 101-104.	1.5	25
20	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
21	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
22	Machine learning methods for imbalanced data set for prediction of faecal contamination in beach waters. Water Research, 2021, 202, 117450.	11.3	21
23	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
24	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
25	A traitâ€based approach predicting community assembly and dominance of microbial invasive species. Oikos, 2021, 130, 571-586.	2.7	19
26	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
27	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
28	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
29	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
30	Influence of UV-B radiation on the fitness and toxin expression of the cyanobacterium Cylindrospermopsis raciborskii. Hydrobiologia, 2016, 763, 161-172.	2.0	15
31	Environmental Dynamics as a Structuring Factor for Microbial Carbon Utilization in a Subtropical Coastal Lagoon. Frontiers in Microbiology, 2013, 4, 14.	3.5	12
32	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
33	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
34	Identifying Invaders: The Case of Ceratium furcoides (Gonyaulacales, Dinophyceae) in South America. Journal of Phycology, 2020, 56, 1362-1366.	2.3	11
35	Improved biovolume estimation of Microcystis aeruginosa colonies: A statistical approach. Journal of Microbiological Methods, 2018, 151, 20-27.	1.6	8
36	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

#	Article	IF	Citations
37	Metagenomic analysis of Raphidiopsis raciborskii microbiome: beyond the individual. Biodiversity Data Journal, 2021, 9, e72514.	0.8	8
38	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
39	Morphology captures toxicity in Microcystis aeruginosa complex: Evidence from a wide environmental gradientâœ°. Harmful Algae, 2020, 97, 101854.	4.8	7
40	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
41	Combining immunolabeling and catalyzed reporter deposition to detect intracellular saxitoxin in a cyanobacterium. Journal of Microbiological Methods, 2015, 117, 18-21.	1.6	5
42	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
43	Effect of nutrient availability on cylindrospermopsin gene expression and toxin production in Cylindrospermopsis raciborskii. Aquatic Microbial Ecology, 2018, 82, 105-110.	1.8	4
44	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
45	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
46	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
47	Incidence of phytoplankton and environmental conditions on the bacterial ammonium uptake in a subtropical coastal lagoon. Journal of Limnology, 2014, 73, .	1.1	1
48	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
49	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
50	DetecciÃ³n de poblaciones tÃ³xicas de Microcystis spp. con distintas preferencias ambientales. Estudio de caso embalse de Salto Grande. Innotec, 2018, , .	0.1	0