Diana L Vullo

List of Publications by Year
in descending order

28	589	759233 12	610901 24
papers	citations	h-index	g-index

29	29	29	729
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cadmium, zinc and copper biosorption mediated by Pseudomonas veronii 2E. Bioresource Technology, 2008, 99, 5574-5581.	9.6	209
2	Chromium (VI) biotransformation by Î²- and Î³-Proteobacteria from natural polluted environments: A combined biological and chemical treatment for industrial wastes. Journal of Hazardous Materials, 2010, 175, 104-110.	12.4	64
3	Characteristics of an inulinase produced by Bacillus subtilis 430A, a strain isolated from the rhizosphere of Vernonia herbacea (Vell Rusby). Applied and Environmental Microbiology, 1991, 57, 2392-2394.	3.1	42
4	Petroleum oil removal by immobilized bacterial cells on polyurethane foam under different temperature conditions. Marine Pollution Bulletin, 2017, 122, 156-160.	5.0	33
5	Structural characterization and metal biosorptive activity of the major polysaccharide produced by Pseudomonas veronii 2E. Carbohydrate Polymers, 2020, 245, 116458.	10.2	25
6	Bacterial swimming, swarming and chemotactic response to heavy metal presence: which could be the influence on wastewater biotreatment efficiency?. World Journal of Microbiology and Biotechnology, 2012, 28, 2813-2825.	3.6	21
7	Dolomite used in phosphate water treatment: Desorption processes, recovery, reuse and final disposition. Journal of Environmental Management, 2019, 237, 359-364.	7.8	20
8	Infrared spectroscopy with multivariate analysis to interrogate the interaction of whole cells and secreted soluble exopolimeric substances of Pseudomonas veronii 2E with Cd(II), Cu(II) and Zn(II). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117820.	3.9	19
9	Environmental Fate of Trifluralin, Procymidone, and Chlorpyrifos in Small Horticultural Production Units in Argentina. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	16
10	Polycyclic aromatic hydrocarbons removal by immobilized bacterial cells using annonaceous acetogenins for biofilm formation stimulation on polyurethane foam. Journal of Environmental Chemical Engineering, 2017, 5, 189-195.	6.7	16
11	Online self-powered Cr(VI) monitoring with autochthonous Pseudomonas and a bio-inspired redox polymer. Analytical and Bioanalytical Chemistry, 2020, 412, 6449-6457.	3.7	15
12	PAH removal by immobilized bacterial cells-support systems using low-cost culture media for biomass production. International Biodeterioration and Biodegradation, 2017, 120, 6-14.	3.9	14
13	Indigenous Heavy Metal Multiresistant Microbiota of Las Catonas Stream. Environmental Monitoring and Assessment, 2005, 105, 81-97.	2.7	12
14	Chemical characterization of Pseudomonas veronii 2E soluble exopolymer as Cd(II) ligand for the biotreatment of electroplating wastes. International Biodeterioration and Biodegradation, 2017, 119, 605-613.	3.9	12
15	Microbiota Diversity Change as Quality Indicator of Soils Exposed to Intensive Periurban Agriculture. Current Microbiology, 2021, 78, 338-346.	2.2	11
16	Chemical characterization and ligand behaviour of Pseudomonas veronii 2E siderophores. World Journal of Microbiology and Biotechnology, 2018, 34, 134.	3.6	9
17	A simple method to eliminate mycoplasma from cell cultures. Journal of Virological Methods, 1994, 46, 85-94.	2.1	8
18	Kinetics of Pseudomonas veronii 2E biofilm development under different nutritional conditions for a proper bioreactor design. Biochemical Engineering Journal, 2016, 105, 150-158.	3.6	8

#	Article	IF	Citations
19	Metal-Pseudomonas veronii 2E Interactions as Strategies for Innovative Process Developments in Environmental Biotechnology. Frontiers in Microbiology, 2021, 12, 622600.	3.5	7
20	BIOTREATMENT OF Cr(VI) - CONTAINING WASTEWATER MEDIATED BY INDIGENOUS BACTERIA. Environmental Engineering and Management Journal, 2018, 17, 2685-2694.	0.6	6
21	Improvement of laboratory skills of Chemical and Civil Engineering students using an interdisciplinary service-learning project for water quality and supply assessment in low-income homes. FEMS Microbiology Letters, 2019, 366, .	1.8	5
22	Screening of Indigenous Microorganisms as Potential Biofertilisers for Periurban Horticulture Areas. Journal of Sustainable Development of Energy, Water and Environment Systems, 2020, N/A, 0-0.	1.9	4
23	Effect of bacterial growth in the complexing capacity of a culture medium supplemented with cadmium(II). World Journal of Microbiology and Biotechnology, 2010, 26, 847-853.	3.6	3
24	Economical fermentation media for the production of a whole cell catalyst for the treatment of Cr(VI)-containing wastewaters. Revista Argentina De Microbiologia, 2016, 48, 245-251.	0.7	3
25	Biopolymers, enzyme activity, and biotechnology in an introductory laboratory class experience. Biochemistry and Molecular Biology Education, 2003, 31, 42-45.	1.2	2
26	Copper Removal Mediated by Pseudomonas veronii 2E in Batch and Continuous Reactors. Journal of Sustainable Development of Energy, Water and Environment Systems, 2020, N/A, 0-0.	1.9	2
27	Bioremediation Approaches in a Laboratory Activity for the Industrial Biotechnology and Applied Microbiology (IBAM) Course. Journal of Microbiology and Biology Education, 2013, 14, 131-134.	1.0	1
28	Native bacteria as sustainable biofertilisers for periurban horticulture soilsâ€™ quality restoration. International Journal of Environmental Science and Technology, 2023, 20, 3049-3058.	3.5	1