Gabriela BriceÃ±o

List of Publications by Year
in descending order

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19 papers	467 citations	687363 13 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	510 citing authors

#	Article	IF	Citations
1	Performance of an optimized fixed-bed column packed with an organic biomixture to remove atrazine from aqueous solution. Environmental Technology and Innovation, 2021, 21, 101263.	6.1	5
2	A Pesticide Biopurification System: A Source of Biosurfactant-Producing Bacteria with Environmental Biotechnology Applications. Agronomy, 2021, 11, 624.	3.0	18
3	Treatment of Pesticide-Contaminated Water Using a Selected Fungal Consortium: Study in a Batch and Packed-Bed Bioreactor. Agronomy, 2021, 11, 743.	3.0	14
4	Alternative treatment for metal ions removal from acid mine drainage using an organic biomixture as a low cost adsorbent. Environmental Technology and Innovation, 2021, 24, 101853.	6.1	14
5	Performance of a continuous stirred tank bioreactor employing an immobilized actinobacteria mixed culture for the removal of organophosphorus pesticides. 3 Biotech, 2020, 10, 252.	2.2	9
6	Pesticide-tolerant bacteria isolated from a biopurification system to remove commonly used pesticides to protect water resources. PLoS ONE, 2020, 15, e0234865.	2.5	32
7	Organophosphorus pesticide mixture removal from environmental matrices by a soil Streptomyces mixed culture. Environmental Science and Pollution Research, 2018, 25, 21296-21307.	5.3	28
8	Streptomyces genus as biotechnological tool for pesticide degradation in polluted systems. Critical Reviews in Environmental Science and Technology, 2018, 48, 773-805.	12.8	24
9	Changes in bacterial communities by post-emergent herbicides in an Andisol fertilized with urea as revealed by DGGE. Applied Soil Ecology, 2016, 101, 141-151.	4.3	15
10	Increased diazinon hydrolysis to 2-isopropyl-6-methyl-4-pyrimidinol in liquid medium by a specific Streptomyces mixed culture. Chemosphere, 2016, 156, 195-203.	8.2	23
11	Use of pure and mixed culture of diazinon-degrading Streptomyces to remove other organophosphorus pesticides. International Biodeterioration and Biodegradation, 2016, 114, 193-201.	3.9	29
12	Urea Fertilizer and pH Influence on Sorption Process of Flumetsulam and MCPA Acidic Herbicides in a Volcanic Soil. Journal of Environmental Quality, 2016, 45, 323-330.	2.0	9
13	Removal of the insecticide diazinon from liquid media by free and immobilized Streptomyces sp. isolated from agricultural soil. Journal of Basic Microbiology, 2015, 55, 293-302.	3.3	23
14	Advances in Chile for the Treatment of Pesticide Residues: Biobeds Technology. , 2014, , 53-68.		4
15	Biochar as a Partial Replacement of Peat in Pesticide-Degrading Biomixtures Formulated with Different Soil Types. Journal of Biobased Materials and Bioenergy, 2013, 7, 741-747.	0.3	22
16	Influence of novel lignocellulosic residues in a biobed biopurification system on the degradation of pesticides applied in repeatedly high doses. Electronic Journal of Biotechnology, 2013, 16, .	2.2	18
17	Effect of dairy manure rate and the stabilization time of amended soils on atrazine degradation. Chemosphere, 2009, 77, 785-790.	8.2	16
18	Effect of Liquid Cow Manure on Andisol Properties and Atrazine Adsorption. Journal of Environmental Quality, 2008, 37, 1519-1526.	2.0	32

#	Article	IF	Citations
19	Influence of Organic Amendment on the Biodegradation and Movement of Pesticides. Critical Reviews in Environmental Science and Technology, 2007, 37, 233-271.	12.8	132