# 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 | 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 |
| 2 | Effect of Liquid Cow Manure on Andisol Properties and Atrazine Adsorption. Journal of Environmental Quality, 2008, 37, 1519-1526. | 2.0 | 32 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | A Pesticide Biopurification System: A Source of Biosurfactant-Producing Bacteria with Environmental Biotechnology Applications. Agronomy, 2021, 11, 624. | 3.0 | 18 |
| 12 | Effect of dairy manure rate and the stabilization time of amended soils on atrazine degradation. Chemosphere, 2009, 77, 785-790. | 8.2 | 16 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Advances in Chile for the Treatment of Pesticide Residues: Biobeds Technology. , 2014, , 53-68. | | 4 |