

Pascale Bauda

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,490
citations

394421

19
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

2352
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of arsenite transporter genes from arsenic-resistant soil bacteria. <i>Research in Microbiology</i> , 2007, 158, 128-137.	2.1	240
2	Antimicrobial drug discovery through bacteriophage genomics. <i>Nature Biotechnology</i> , 2004, 22, 185-191.	17.5	210
3	Identification of Tn 10 insertions in the <i>rfaG</i> , <i>rfaP</i> , and <i>galU</i> genes involved in lipopolysaccharide core biosynthesis that affect <i>Escherichia coli</i> adhesion. <i>Archives of Microbiology</i> , 1999, 172, 1-8.	2.2	131
4	The Bacterial and Fungal Diversity of an Aged PAH- and Heavy Metal-Contaminated Soil is Affected by Plant Cover and Edaphic Parameters. <i>Microbial Ecology</i> , 2016, 71, 711-724.	2.8	109
5	Insight into the primary mode of action of TiO ₂ nanoparticles on <i>Escherichia coli</i> in the dark. <i>Proteomics</i> , 2015, 15, 98-113.	2.2	104
6	Role of electrostatic interactions in the toxicity of titanium dioxide nanoparticles toward <i>Escherichia coli</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 92, 315-321.	5.0	91
7	A rapid screening procedure to identify mini-Tn10 insertion mutants of <i>Escherichia coli</i> K-12 with altered adhesion properties. <i>FEMS Microbiology Letters</i> , 1996, 142, 27-30.	1.8	89
8	Unsuspected Diversity of Arsenite-Oxidizing Bacteria as Revealed by Widespread Distribution of the <i>aoxB</i> Gene in Prokaryotes. <i>Applied and Environmental Microbiology</i> , 2011, 77, 4685-4692.	3.1	84
9	Characterization of the <i>ars</i> Gene Cluster from Extremely Arsenic-Resistant <i>Microbacterium</i> sp. Strain A33. <i>Applied and Environmental Microbiology</i> , 2010, 76, 948-955.	3.1	73
10	Pleiotropic effects of <i>rfa</i> -gene mutations on <i>Escherichia coli</i> envelope properties. <i>Scientific Reports</i> , 2019, 9, 9696.	3.3	54
11	Taxonomic and functional prokaryote diversity in mildly arsenic-contaminated sediments. <i>Research in Microbiology</i> , 2011, 162, 877-887.	2.1	51
12	Impact of manufactured TiO ₂ nanoparticles on planktonic and sessile bacterial communities. <i>Environmental Pollution</i> , 2015, 202, 196-204.	7.5	33
13	Modifications of the bacterial reverse mutation test reveals mutagenicity of TiO ₂ nanoparticles and byproducts from a sunscreen TiO ₂ -based nanocomposite. <i>Toxicology Letters</i> , 2012, 215, 54-61.	0.8	32
14	Identification of Tn10 insertions in the <i>sdhA</i> gene affecting <i>Escherichia coli</i> biofilm formation. <i>FEMS Microbiology Letters</i> , 1999, 173, 403-409.	1.8	31
15	Competition of bacteriophage polypeptides with native replicase proteins for binding to the DNA sliding clamp reveals a novel mechanism for DNA replication arrest in <i>Staphylococcus aureus</i> . <i>Molecular Microbiology</i> , 2006, 62, 1132-1143.	2.5	28
16	The use of soil mites in ecotoxicology: a review. <i>Ecotoxicology</i> , 2015, 24, 1-18.	2.4	27
17	Changes in soil bacterial communities following liming of acidified forests. <i>Applied Soil Ecology</i> , 2012, 59, 116-123.	4.3	24
18	Ecotoxicological assessment of organic wastes spread on land: Towards a proposal of a suitable test battery. <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 103-111.	6.0	23

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19	Inhibition of Transcription in <i>Staphylococcus aureus</i> by a Primary Sigma Factor-Binding Polypeptide from Phage G1. <i>Journal of Bacteriology</i> , 2009, 191, 3763-3771.	2.2	21
20	Improvement of the <i>Caenorhabditis elegans</i> growth and reproduction test to assess the ecotoxicity of soils and complex matrices. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2100-2108.	4.3	17
21	Simple or complex organic substrates inhibit arsenite oxidation and <i>aioA</i> gene expression in two β -Proteobacteria strains. <i>Research in Microbiology</i> , 2020, 171, 13-20.	2.1	8
22	Toxicity mechanisms of ZnO UV-filters used in sunscreens toward the model cyanobacteria <i>Synechococcus elongatus</i> PCC 7942. <i>Environmental Science and Pollution Research</i> , 2019, 26, 22450-22463.	5.3	5
23	A rapid screening procedure to identify mini-Tn10 insertion mutants of <i>Escherichia coli</i> K-12 with altered adhesion properties. <i>FEMS Microbiology Letters</i> , 1996, 142, 27-30.	1.8	4
24	Revised Procedure of the Bacterial Reverse Mutation Test for Genotoxic Evaluation of Nanoparticles. <i>Methods in Pharmacology and Toxicology</i> , 2014, , 43-58.	0.2	1
25	Competition of bacteriophage polypeptides with native replicase proteins for binding to the DNA sliding clamp reveals a novel mechanism for DNA replication arrest in <i>Staphylococcus aureus</i> . <i>Molecular Microbiology</i> , 2006, 62, 1764-1764.	2.5	0