Juraci Oliveira

List of Publications by Year
in descending order

60 papers	1,576 citations	257357 24 h-index	330025 37 g-index
60 all docs	60 docs citations	60 times ranked	2010 citing authors

#	Article	IF	Citations
1	When Bad Guys Become Good Ones: The Key Role of Reactive Oxygen Species and Nitric Oxide in the Plant Responses to Abiotic Stress. Frontiers in Plant Science, 2016, 7, 471.	1.7	242
2	Arsenate and arsenite: the toxic effects on photosynthesis and growth of lettuce plants. Acta Physiologiae Plantarum, 2013, 35, 1201-1209.	1.0	102
3	Mineral nutrition and enzymatic adaptation induced by arsenate and arsenite exposure in lettuce plants. Plant Physiology and Biochemistry, 2013, 71, 307-314.	2.8	81
4	The Involvement of Nitric Oxide in Integration of Plant Physiological and Ultrastructural Adjustments in Response to Arsenic. Frontiers in Plant Science, 2017, 8, 516.	1.7	68
5	Anthocyanins, thiols, and antioxidant scavenging enzymes are involved in <i>Lemna gibba</i> tolerance to arsenic. Journal of Plant Interactions, 2014, 9, 143-151.	1.0	56
6	Effects of sodium arsenate and arsenite on male reproductive functions in Wistar rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 274-286.	1.1	53
7	Nitric oxide and phytohormone interactions in the response of Lactuca sativa to salinity stress. Planta, 2019, 250, 1475-1489.	1.6	51
8	Arsenic accumulation in Brassicaceae seedlings and its effects on growth and plant anatomy. Ecotoxicology and Environmental Safety, 2016, 124, 1-9.	2.9	47
9	Effects of Adding Nitroprusside on Arsenic Stressed Response of<i>Pistia stratiotes</i>L. Under Hydroponic Conditions. International Journal of Phytoremediation, 2014, 16, 123-137.	1.7	43
10	Impact of iron toxicity on oxidative metabolism in young Eugenia uniflora L. plants. Acta Physiologiae Plantarum, 2013, 35, 1645-1657.	1.0	41
11	Evaluation of the potential of Pistia stratiotes L. (water lettuce) for bioindication and phytoremediation of aquatic environments contaminated with arsenic. Brazilian Journal of Biology, 2014, 74, S108-S112.	0.4	37
12	Phytoremediation of arsenite-contaminated environments: is Pistia stratiotes L. a useful tool?. Ecological Indicators, 2019, 104, 794-801.	2.6	33
13	Histological alterations in gills of Astyanax aff. bimaculatus caused by acute exposition to zinc. Experimental and Toxicologic Pathology, 2012, 64, 861-866.	2.1	32
14	Longâ€łasting morphofunctional remodelling of liver parenchyma and stroma after a single exposure to low and moderate doses of cadmium in rats. International Journal of Experimental Pathology, 2013, 94, 343-351.	0.6	32
15	Plant Responses to Arsenic: the Role of Nitric Oxide. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	32
16	How Bad Is Aluminum Exposure to Reproductive Parameters in Rats?. Biological Trace Element Research, 2018, 183, 314-324.	1.9	32
17	Nitric Oxide Attenuates Oxidative Stress Induced by Arsenic in Lettuce (Lactuca sativa) Leaves. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	31
18	AbsorÃ§Ã£o e acÃºmulo de cÃ¡dmio e seus efeitos sobre o crescimento relativo de plantas de aguapÃ© e de salvÃnia. Brazilian Journal of Plant Physiology, 2001, 13, 329-341.	0.1	30

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19	Effects of aluminum on the elongation and external morphology of root tips in two maize genotypes. Bragantia, 2016, 75, 19-25.	1.3	27
20	Vegetation damage in the vicinity of an aluminum smelter in Brazil. Ecological Indicators, 2016, 67, 193-203.	2.6	27
21	Oxidative stress triggered by arsenic in a tropical macrophyte is alleviated by endogenous and exogenous nitric oxide. Revista Brasileira De Botanica, 2018, 41, 21-28.	0.5	27
22	Potential of macrophyte for removing arsenic from aqueous solution. Planta Daninha, 2012, 30, 683-696.	0.5	26
23	Arsenic toxicity: cell signalling and the attenuating effect of nitric oxide in Eichhornia crassipes. Biologia Plantarum, 2016, 60, 173-180.	1.9	26
24	Phytoremediation of arsenic-contaminated water: the role of antioxidant metabolism of Azolla caroliniana Willd. (Salviniales). Acta Botanica Brasilica, 2017, 31, 161-168.	0.8	26
25	Sulfur metabolism: Different tolerances of two aquatic macrophytes exposed to arsenic. Ecotoxicology and Environmental Safety, 2014, 105, 36-42.	2.9	25
26	Gene losses in the common vampire bat illuminate molecular adaptations to blood feeding. Science Advances, 2022, 8, eabm6494.	4.7	24
27	Exogenous jasmonic acid enhances oxidative protection of Lemna valdiviana subjected to arsenic. Acta Physiologiae Plantarum, 2020, 42, 1.	1.0	21
28	Efeito do alumÃnio na absorÃ§Ã£o e na utilizaÃ§Ã£o de macronutrientes em duas cultivares de arroz. Pesquisa Agropecuaria Brasileira, 2003, 38, 843-848.	0.9	20
29	Arsenic-hyperaccumulation and antioxidant system in the aquatic macrophyte Spirodela intermedia W. Koch (Lemnaceae). Theoretical and Experimental Plant Physiology, 2017, 29, 203-213.	1.1	20
30	Is arsenite more toxic than arsenate in plants?. Ecotoxicology, 2020, 29, 196-202.	1.1	20
31	Phytoremediation potential of Salvinia molesta for arsenite contaminated water: role of antioxidant enzymes. Theoretical and Experimental Plant Physiology, 2018, 30, 275-286.	1.1	19
32	Evaluation of Metals in Soil and Tissues of Economicâ€Interest Plants Grown in Sites Affected by the FundÃ£o Dam Failure in Mariana, Brazil. Integrated Environmental Assessment and Management, 2020, 16, 596-607.	1.6	17
33	Potential of macrophytes for removing atrazine from aqueous solution. Planta Daninha, 2011, 29, 1137-1147.	0.5	15
34	Sulphate uptake and metabolism in water hyacinth and salvinia during cadmium stress. Aquatic Botany, 2009, 91, 257-261.	0.8	13
35	Limitations to Use of Cassia grandis L. in the Revegetation of the Areas Impacted with Mining Tailings from FundÃ£o Dam. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	13
36	Potencial de Cajanus cajan e Crotalaria spectabilis parafitorremediaÃ§Ã£o: absorÃ§Ã£o de arsÃªnio e respostas antioxidativas. Revista Arvore, 2009, 33, 245-254.	0.5	12

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37	AbsorÃ§Ã£o e reduÃ§Ã£o de nitrato em duas cultivares de arroz na presenÃ§a de alumÃnio. Pesquisa Agropecuaria Brasileira, 2006, 41, 1285-1290.	0.9	12
38	Potencial de quatro espÃ©cies herbÃ¡ceas forrageiras para fitorremediaÃ§Ã£o de solo contaminado por arsÃªnio. Revista Brasileira De Ciencia Do Solo, 2009, 33, 455-465.	0.5	11
39	Feeding habits of marmosets: A case study of bark anatomy and chemical composition of <i>Anadenanthera peregrina</i> gum. American Journal of Primatology, 2017, 79, 1-9.	0.8	11
40	Involvement of glutathione metabolism in Eichhornia crassipes tolerance to arsenic. Plant Biology, 2020, 22, 346-350.	1.8	11
41	Partition of Î±-lactoalbumin and Î²-lactoglobulin by cloud point extraction. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 867, 189-193.	1.2	10
42	Growth of seedlings of pigeon pea (Cajanus cajan (l.) millsp), wand riverhemp (Sesbania virgata (cav.)) Tj ETQq0 0 0 rgBT /Overlock 10 T Brasileira De Ciencia Do Solo, 2010, 34, 975-983.	0.5	10
43	Aliphatic Hydrocarbon Enhances Phenanthrene Degradation by Autochthonous Prokaryotic Communities from a Pristine Seawater. Microbial Ecology, 2018, 75, 688-700.	1.4	10
44	THE EFFECTS OF ALUMINIUM ON THE PHOTOSYNTHETIC APPARATUS OF TWO RICE CULTIVARS. Experimental Agriculture, 2014, 50, 343-352.	0.4	8
45	Capacidade de cultivares de arroz de modificar o pH de soluÃ§Ãµes nutritivas na presenÃ§a de alumÃnio. Pesquisa Agropecuaria Brasileira, 2005, 40, 447-452.	0.9	8
46	Behavior of Eucalyptus grandis and E. cloeziana seedlings grown in arsenic-contaminated soil. Revista Brasileira De Ciencia Do Solo, 2010, 34, 985-992.	0.5	7
47	Histological alterations in liver and testis of Astyanax aff. bimaculatus caused by acute exposition to zinc. Revista Ceres, 2015, 62, 133-141.	0.1	7
48	Tolerance of <i>Landoltia punctata</i> to arsenate: an evaluation of the potential use in phytoremediation programs. International Journal of Phytoremediation, 2021, 23, 102-110.	1.7	7
49	DistribuiÃ§Ã£o dos fotoassimilados em plantas de Panicum maximum cv. MombaÃ§a. Revista Brasileira De Zootecnia, 2005, 34, 1449-1458.	0.3	6
50	Role of glutathione in tolerance to arsenite in Salvinia molesta, an aquatic fern. Acta Botanica Brasilica, 2017, 31, 657-664.	0.8	6
51	DistribuiÃ§Ã£o de glyphosate e acÃºmulo de nutrientes em biÃ³tipos de azevÃ©m. Planta Daninha, 2008, 26, 165-173.	0.5	6
52	Citric acid secretion induced by aluminum in two Stylosanthes species. Biologia Plantarum, 2016, 60, 572-578.	1.9	5
53	Involvement of glutathione and glutathione metabolizing enzymes in<i>Pistia stratiotes</i>tolerance to arsenite. International Journal of Phytoremediation, 2020, 22, 404-411.	1.7	4
54	Chlorophyll fluorescence and water content parameters are good biomarkers for selecting drought tolerant eucalyptus clones. Forest Ecology and Management, 2021, 481, 118682.	1.4	4

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55	Drought stress during the reproductive stage of two soybean lines. Pesquisa Agropecuaria Brasileira, 0, 55, .	0.9	3
56	Metabolic adjustment and regulation of gene expression are essential for increased resistance to severe water deficit and resilience post-stress in soybean. PeerJ, 2022, 10, e13118.	0.9	3
57	Aluminum-induced citric acid secretion is not the sole mechanism of Al-resistance in maize. Acta Physiologiae Plantarum, 2016, 38, 1.	1.0	2
58	MERCURY AFFECTS AQUAPORINS ACTIVITY AND GERMINATION OF THE EMBRYONIC AXIS OF Schizolobium parahyba (VELL.) BLAKE (FABACEAE). Revista Arvore, 2019, 43, .	0.5	2
59	DistribuiÃ§Ã£o de fotoassimilados de folhas do topo e da base do capim-mombaÃ§a (Panicum maximum) Tj ETQq1 1 0.784314 rgBT /	0.3	2
60	Chilling imbibition improves the germination tolerance of the Andean tree Alnus acuminata to arsenic. New Forests, 2020, 51, 243-259.	0.7	0