

Paulo Jc Favas

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

1,228
citations

19
h-index

34
g-index

61
ext. papers

1,380
ext. citations

4.6
avg, IF

4.7
L-index

#	Paper	IF	Citations
42	Lead heavy metal toxicity induced changes on growth and antioxidative enzymes level in water hyacinths [<i>Eichhornia crassipes</i> (Mart.)]. <i>Botanical Studies</i> , 2016 , 55, 54	2.3	178
41	Selective chemical extraction of heavy metals in tailings and soils contaminated by mining activity: Environmental implications. <i>Journal of Geochemical Exploration</i> , 2011 , 111, 160-171	3.8	102
40	Accumulation of arsenic by aquatic plants in large-scale field conditions: opportunities for phytoremediation and bioindication. <i>Science of the Total Environment</i> , 2012 , 433, 390-7	10.2	101
39	Effect of lead on phytotoxicity, growth, biochemical alterations and its role on genomic template stability in <i>Sesbania grandiflora</i> : a potential plant for phytoremediation. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 108, 249-57	7	65
38	Accumulation efficiency, genotoxicity and antioxidant defense mechanisms in medicinal plant <i>Acalypha indica</i> L. under lead stress. <i>Chemosphere</i> , 2017 , 171, 544-553	8.4	63
37	Accumulation of uranium by aquatic plants in field conditions: prospects for phytoremediation. <i>Science of the Total Environment</i> , 2014 , 470-471, 993-1002	10.2	56
36	Uranium accumulation by aquatic plants from uranium-contaminated water in Central Portugal. <i>International Journal of Phytoremediation</i> , 2012 , 14, 221-34	3.9	56
35	Accumulation of Trace Metals by Mangrove Plants in Indian Sundarban Wetland: Prospects for Phytoremediation. <i>International Journal of Phytoremediation</i> , 2015 , 17, 885-94	3.9	55
34	Mercury heavy-metal-induced physiochemical changes and genotoxic alterations in water hyacinths [<i>Eichhornia crassipes</i> (Mart.)]. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 4597-608	5.1	51
33	Biogeochemistry of uranium in the soil-plant and water-plant systems in an old uranium mine. <i>Science of the Total Environment</i> , 2016 , 568, 350-368	10.2	47
32	Potential of aquatic plants for phytofiltration of uranium-contaminated waters in laboratory conditions. <i>Ecological Engineering</i> , 2014 , 69, 170-176	3.9	47
31	Phytoremedial assessment of flora tolerant to heavy metals in the contaminated soils of an abandoned Pb mine in Central Portugal. <i>Chemosphere</i> , 2013 , 90, 2216-25	8.4	45
30	Bioremoval of trace metals from rhizosediment by mangrove plants in Indian Sundarban Wetland. <i>Marine Pollution Bulletin</i> , 2017 , 124, 1078-1088	6.7	43
29	Mineralogical controls on mine drainage of the abandoned Ervedosa tin mine in north-eastern Portugal. <i>Applied Geochemistry</i> , 2006 , 21, 1322-1334	3.5	35
28	Assessment of edibility and effect of arbuscular mycorrhizal fungi on <i>Solanum melongena</i> L. grown under heavy metal(loid) contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 148, 318-326	7	32
27	Assessment of mercury heavy metal toxicity-induced physiochemical and molecular changes in <i>Sesbania grandiflora</i> L.. <i>International Journal of Environmental Science and Technology</i> , 2015 , 12, 3273-3282	3.3	30
26	Metal(loid) accumulation in aquatic plants of a mining area: Potential for water quality biomonitoring and biogeochemical prospecting. <i>Chemosphere</i> , 2018 , 194, 158-170	8.4	28

25	Uranium accumulation in aquatic macrophytes in an uraniferous region: Relevance to natural attenuation. <i>Chemosphere</i> , 2016 , 156, 76-87	8.4	21
24	Effect of <i>Glomus mossae</i> on accumulation efficiency, hazard index and antioxidant defense mechanisms in tomato under metal(loid) Stress. <i>International Journal of Phytoremediation</i> , 2018 , 20, 885-894	3.9	19
23	Distribution of rare earth elements, thorium and uranium in streams and aquatic mosses of Central Portugal. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	14
22	Nickel accumulation by <i>Alyssum serpyllifolium</i> subsp. <i>lusitanicum</i> (Brassicaceae) from serpentine soils of Bragança and Morais (Portugal) ultramafic massifs: plant-soil relationships and prospects for phytomining. <i>Australian Journal of Botany</i> , 2015 , 63, 17	1.2	14
21	Identification of <i>Sesbania sesban</i> (L.) Merr. as an Efficient and Well Adapted Phytoremediation Tool for Cd Polluted Soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017 , 98, 867-873	2.7	13
20	Temporal variation in the arsenic and metal accumulation in the maritime pine tree grown on contaminated soils. <i>International Journal of Environmental Science and Technology</i> , 2013 , 10, 809-826	3.3	12
19	Metal(loid) induced toxicity and defense mechanisms in <i>Spinacia oleracea</i> L.: Ecological hazard and Prospects for phytoremediation. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 183, 109570	7	11
18	Uptake of uranium by native aquatic plants: potential for bioindication and phytoremediation. <i>E3S Web of Conferences</i> , 2013 , 1, 13007	0.5	11
17	Acid Mine Drainages From Abandoned Mines 2016 , 413-462		10
16	Remediation of Uranium-Contaminated Sites by Phytoremediation and Natural Attenuation 2019 , 277-300		10
15	EDTA-Assisted Metal Uptake in <i>Raphanus sativus</i> L. and <i>Brassica oleracea</i> L.: Assessment of Toxicity and Food Safety. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019 , 103, 490-495	2.7	9
14	Abandoned Mine Land Reclamation—Challenges and Opportunities (Holistic Approach) 2018 , 3-31		9
13	Hydrochemistry of superficial waters in the Adoria mine area (Northern Portugal): environmental implications. <i>Environmental Earth Sciences</i> , 2012 , 65, 363-372	2.9	8
12	Geochemical Fractionation of Trace Elements in Stream Sediments Contaminated by Mining Activity. <i>Clean - Soil, Air, Water</i> , 2015 , 43, 446-455	1.6	6
11	Uranium Bioavailability and Environmental Risk Assessment in Soils Contaminated by Mining. <i>IERI Procedia</i> , 2014 , 9, 43-46		4
10	F—Goldschmidt Abstracts 2013. <i>Mineralogical Magazine</i> , 2013 , 77, 1058-1124	1.7	4
9	Mycoremediation for Mine Site Rehabilitation 2018 , 233-260		4
8	G—Goldschmidt Abstracts 2013. <i>Mineralogical Magazine</i> , 2013 , 77, 1125-1238	1.7	3

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| 7 | Geochemical anomalies from a survey of stream sediments in the Maquelab area (Oecusse, Timor-Leste) and their bearing on the identification of mafic-ultramafic chromite rich complex. <i>Applied Geochemistry</i> , 2021 , 126, 104868 | 3.5 | 2 |
| 6 | Heavy metals biogeochemistry in abandoned mining areas. <i>E3S Web of Conferences</i> , 2013 , 1, 19006 | 0.5 | 1 |
| 5 | Adsorption of arsenic to different natural solids: Soils, stream sediments and peats 2012 , 168-169 | | 1 |
| 4 | Geomedicine and History of Science: A Contribution to Scientific Culture 2016 , 207-223 | | 1 |
| 3 | Chemical speciation of heavy metals and arsenic in tailings and soils contaminated by mining activities (Northern Portugal). <i>Diqiu Huaxue</i> , 2006 , 25, 31-31 | | |
| 2 | Phytoremediation potential of native flora of arsenic-contaminated soils. <i>Arsenic in the Environment Proceedings</i> , 2014 , 298-299 | | |
| 1 | Phytofiltration of Metal(loid)-Contaminated Water: The Potential of Native Aquatic Plants 2016 , 305-343 | | |