

Unai Artetxe

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,353
citations

430754

18
h-index

434063

31
g-index

33
all docs

33
docs citations

33
times ranked

1816
citing authors

#	ARTICLE	IF	CITATIONS
1	Internal and external factors affecting photosynthetic pigment composition in plants: a meta-analytical approach. <i>New Phytologist</i> , 2015, 206, 268-280.	3.5	202
2	Diurnal changes in antioxidant and carotenoid composition in the Mediterranean sclerophyll tree <i>Quercus ilex</i> (L) during winter. <i>Plant Science</i> , 1999, 143, 125-133.	1.7	94
3	Evidence for the absence of enzymatic reactions in the glassy state. A case study of xanthophyll cycle pigments in the desiccation-tolerant moss <i>Syntrichia ruralis</i> . <i>Journal of Experimental Botany</i> , 2013, 64, 3033-3043.	2.4	86
4	Multi-targeted metagenetic analysis of the influence of climate and environmental parameters on soil microbial communities along an elevational gradient. <i>Scientific Reports</i> , 2016, 6, 28257.	1.6	83
5	Native Plant Communities in an Abandoned Pb-Zn Mining Area of Northern Spain: Implications for Phytoremediation and Germplasm Preservation. <i>International Journal of Phytoremediation</i> , 2011, 13, 256-270.	1.7	80
6	<i>Brassica napus</i> has a key role in the recovery of the health of soils contaminated with metals and diesel by rhizoremediation. <i>Science of the Total Environment</i> , 2018, 618, 347-356.	3.9	80
7	Field assessment of the effectiveness of organic amendments for aided phytostabilization of a Pb-Zn contaminated mine soil. <i>Journal of Geochemical Exploration</i> , 2014, 145, 181-189.	1.5	77
8	Enhancement of ecosystem services during endophyte-assisted aided phytostabilization of metal contaminated mine soil. <i>Science of the Total Environment</i> , 2016, 562, 480-492.	3.9	72
9	Low light grown duckweed plants are more protected against the toxicity induced by Zn and Cd. <i>Plant Physiology and Biochemistry</i> , 2002, 40, 859-863.	2.8	66
10	How Valuable Are Organic Amendments as Tools for the Phytomanagement of Degraded Soils? The Knowns, Known Unknowns, and Unknowns. <i>Frontiers in Sustainable Food Systems</i> , 2018, 2, .	1.8	58
11	Role of Photoprotective Systems of Holm-Oak (<i>Quercus ilex</i>) in the Adaptation to Winter Conditions. <i>Journal of Plant Physiology</i> , 1999, 155, 625-630.	1.6	54
12	Differential responses of three fungal species to environmental factors and their role in the mycorrhization of <i>Pinus radiata</i> D. Don. <i>Mycorrhiza</i> , 2004, 14, 11-18.	1.3	50
13	Photoprotective Strategies of Mediterranean Plants in Relation to Morphological Traits and Natural Environmental Pressure: A Meta-Analytical Approach. <i>Frontiers in Plant Science</i> , 2017, 8, 1051.	1.7	42
14	Gentle remediation options for soil with mixed chromium (VI) and lindane pollution: biostimulation, bioaugmentation, phytoremediation and vermiremediation. <i>Heliyon</i> , 2020, 6, e04550.	1.4	37
15	Born to revive: molecular and physiological mechanisms of double tolerance in a paleotropical and resurrection plant. <i>New Phytologist</i> , 2020, 226, 741-759.	3.5	34
16	Dynamic Quality Index for agricultural soils based on fuzzy logic. <i>Ecological Indicators</i> , 2016, 60, 678-692.	2.6	28
17	Alternative methods for sampling and preservation of photosynthetic pigments and tocopherols in plant material from remote locations. <i>Photosynthesis Research</i> , 2009, 101, 77-88.	1.6	25
18	Regulation of the xanthophyll cycle pool size in duckweed (<i>Lemna minor</i>) plants. <i>Physiologia Plantarum</i> , 2002, 116, 121-126.	2.6	23

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19	Application of in situ bioremediation strategies in soils amended with sewage sludges. <i>Science of the Total Environment</i> , 2021, 766, 144099.	3.9	22
20	Successful remediation of soils with mixed contamination of chromium and lindane: Integration of biological and physico-chemical strategies. <i>Environmental Research</i> , 2021, 194, 110666.	3.7	21
21	A field portable method for the semi-quantitative estimation of dehydration tolerance of photosynthetic tissues across distantly related land plants. <i>Physiologia Plantarum</i> , 2019, 167, 540-555.	2.6	18
22	In situ phytomanagement with <i>Brassica napus</i> and bio-stabilised municipal solid wastes is a suitable strategy for redevelopment of vacant urban land. <i>Urban Forestry and Urban Greening</i> , 2020, 47, 126550.	2.3	16
23	Patterns of spatio-temporal distribution of winter chronic photoinhibition in leaves of three evergreen Mediterranean species with contrasting acclimation responses. <i>Physiologia Plantarum</i> , 2012, 144, 289-301.	2.6	15
24	Mycorrhizal-Assisted Phytoremediation and Intercropping Strategies Improved the Health of Contaminated Soil in a Peri-Urban Area. <i>Frontiers in Plant Science</i> , 2021, 12, 693044.	1.7	15
25	Ecophysiological roles of abaxial anthocyanins in a perennial understorey herb from temperate deciduous forests. <i>AoB PLANTS</i> , 2015, 7, plv042.	1.2	14
26	Opening Pandora's box: cause and impact of errors on plant pigment studies. <i>Frontiers in Plant Science</i> , 2015, 6, 148.	1.7	12
27	Effectiveness and ecotoxicity of zero-valent iron nanoparticles during rhizoremediation of soil contaminated with Zn, Cu, Cd and diesel. <i>Data in Brief</i> , 2018, 17, 47-56.	0.5	11
28	Can Parietin Transfer Energy Radiatively to Photosynthetic Pigments?. <i>Molecules</i> , 2018, 23, 1741.	1.7	5
29	Recent Trends in Sustainable Remediation of Pb-Contaminated Shooting Range Soils: Rethinking Waste Management within a Circular Economy. <i>Processes</i> , 2021, 9, 572.	1.3	5
30	Do light acclimation mechanisms reduce the effects of light-dependent herbicides in duckweed (<i>Lemna</i>) Tj ETQq0 0,0rgBT /Oyerlock 10	0.8	4
31	Diagnosing the Impact of Traffic on Roadside Soils Through Chemometric Analysis on the Concentrations of More Than 60 Metals Measured by ICP/MS. <i>Alliance for Global Sustainability Bookseries</i> , 2009, , 329-336.	0.2	4
32	Aldebereko teknika biologikoen bitartezko lurzoru kutsatuen erremediazioa. <i>Ekaia (journal)</i> , 0, , .	0.0	0