

Maria Luisa Fernandez-Marcos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2954455/publications.pdf>

Version: 2024-02-01

32
papers

1,325
citations

471061

17
h-index

414034

32
g-index

32
all docs

32
docs citations

32
times ranked

1630
citing authors

#	ARTICLE	IF	CITATIONS
1	Source identification of heavy metals in pastureland by multivariate analysis in NW Spain. <i>Journal of Hazardous Materials</i> , 2009, 165, 1008-1015.	6.5	375
2	Application of aluminium toxicity indices to soils under various forest species. <i>Forest Ecology and Management</i> , 2005, 211, 227-239.	1.4	111
3	Heavy metals in the dump of an abandoned mine in Galicia (NW Spain) and in the spontaneously occurring vegetation. <i>Science of the Total Environment</i> , 2003, 313, 185-197.	3.9	109
4	Dynamics of glyphosate and aminomethylphosphonic acid in a forest soil in Galicia, north-west Spain. <i>Science of the Total Environment</i> , 2001, 271, 135-144.	3.9	96
5	Aluminium fractionation in Galician (NW Spain) forest soils as related to vegetation and parent material. <i>Forest Ecology and Management</i> , 2002, 166, 193-206.	1.4	72
6	The effect of organic-matter management on the productivity of <i>Eucalyptus globulus</i> stands in Spain and Portugal: tree growth and harvest residue decomposition in relation to site and treatment. <i>Forest Ecology and Management</i> , 1999, 122, 73-86.	1.4	69
7	Effect of liming with different sized limestone on the forms of aluminium in a Galician soil (NW) Tj ETQq1 1 0.784314 rgBT / Overlock 10 2.3 59	2.3	59
8	Evaluation of Mehlich 3 reagent as a multielement extractant in mine soils. <i>Land Degradation and Development</i> , 1999, 10, 35-47.	1.8	52
9	Benefits of Biochars and NPK Fertilizers for Soil Quality and Growth of Cowpea (<i>Vigna unguiculata</i> L.) Tj ETQq1 1 0.784314 rgBT / Overlock 10 2.1 59	2.1	59
10	Fluorine sorption by soils developed from various parent materials in Galicia (NW Spain). <i>Journal of Colloid and Interface Science</i> , 2012, 374, 232-236.	5.0	38
11	Assessment of Potential Nutrient Release from Phosphate Rock and Dolostone for Application in Acid Soils. <i>Pedosphere</i> , 2018, 28, 44-58.	2.1	29
12	Fluoride sorption and desorption on soils located in the surroundings of an aluminium smelter in Galicia (NW Spain). <i>Environmental Earth Sciences</i> , 2014, 72, 4105-4114.	1.3	28
13	Factors influencing phosphorus adsorption in mine soils in Galicia, Spain. <i>Science of the Total Environment</i> , 1996, 180, 137-145.	3.9	22
14	Dynamics of macronutrients during the first stages of litter decomposition from forest species in a temperate area (Galicia, NW Spain). <i>Nutrient Cycling in Agroecosystems</i> , 2008, 80, 243-256.	1.1	22
15	Increased phosphorus availability to corn resulting from the simultaneous applications of phosphate rock, calcareous rock, and biochar to an acid sandy soil. <i>Pedosphere</i> , 2020, 30, 719-733.	2.1	20
16	Heavy metals in mine soils amended with sewage sludge. <i>Land Degradation and Development</i> , 1999, 10, 555-564.	1.8	19
17	Effect of particle size of limestone on Ca, Mg and K contents in soil and in sward plants. <i>Scientia Agricola</i> , 2011, 68, 200-208.	0.6	19
18	Influence of Fluoride Addition on the Composition of Solutions in Equilibrium with Acid Soils. <i>Pedosphere</i> , 2009, 19, 60-70.	2.1	15

#	ARTICLE	IF	CITATIONS
19	Aluminum and iron estimated by Mehlich's extractant in mine soils in Galicia, northwest Spain. Communications in Soil Science and Plant Analysis, 1998, 29, 599-612.	0.6	14
20	Role of organic matter and sesquioxides on variable charge of three soils from Galicia, Spain. Communications in Soil Science and Plant Analysis, 1998, 29, 2441-2457.	0.6	12
21	Nitrogen, phosphorus, potassium, calcium and magnesium release from two compressed fertilizers: column experiments. Solid Earth, 2014, 5, 1351-1360.	1.2	12
22	Phosphate sorption and desorption by two contrasting volcanic soils of equatorial Africa. PeerJ, 2018, 6, e5820.	0.9	12
23	Geochemistry of Aluminium and Iron in Mine Soils from As Pontes, Galicia (N.W. Spain). Water, Air, and Soil Pollution, 1999, 110, 81-102.	1.1	11
24	Limestone Particle Size and Liming Scheduling Influence Soil Properties and Pasture Production. Soil Science, 2010, 175, 601-613.	0.9	11
25	Comparison of methods for fluoride extraction from forest and cropped soils in vicinity of an aluminum smelter in Galicia (NW Spain). Communications in Soil Science and Plant Analysis, 2001, 32, 2503-2517.	0.6	10
26	Sorption and Desorption of Vanadate, Arsenate and Chromate by Two Volcanic Soils of Equatorial Africa. Soil Systems, 2021, 5, 22.	1.0	9
27	Potentially Toxic Substances and Associated Risks in Soils Affected by Wildfires: A Review. Toxics, 2022, 10, 31.	1.6	9
28	A contribution to the study of the stability of clay minerals from the soil solution composition at different pF values. Clay Minerals, 1979, 14, 29-37.	0.2	7
29	Solubility equilibria controlling solution phosphorus concentration in minesoils in Galicia, Spain. Science of the Total Environment, 1996, 180, 147-154.	3.9	6
30	Effect of Limestone of Different Sizes on Soil Extractable Phosphorus and Its Concentrations in Grass and Clover Species. Communications in Soil Science and Plant Analysis, 2011, 42, 381-394.	0.6	6
31	Fluorine immission to acid soil in the vicinity of an aluminium smelter in Galicia (NW Spain) and its influence on aluminium dynamics. Journal of Soils and Sediments, 2013, 13, 72-81.	1.5	6
32	Potentially Toxic Elements in Urban Soils of Havana, Cuba. Environments - MDPI, 2020, 7, 43.	1.5	6