

Antonio Gallardo Izquierdo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1034014/publications.pdf>

Version: 2024-02-01

41
papers

1,829
citations

361413

20
h-index

330143

37
g-index

41
all docs

41
docs citations

41
times ranked

2256
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple elements of soil biodiversity drive ecosystem functions across biomes. <i>Nature Ecology and Evolution</i> , 2020, 4, 210-220.	7.8	543
2	Environmental assessment of alternative municipal solid waste management strategies. A Spanish case study. <i>Waste Management</i> , 2010, 30, 2383-2395.	7.4	165
3	Global ecological predictors of the soil priming effect. <i>Nature Communications</i> , 2019, 10, 3481.	12.8	148
4	Influence of organic matter transformations on the bioavailability of heavy metals in a sludge based compost. <i>Journal of Environmental Management</i> , 2012, 95, S104-S109.	7.8	94
5	Comparison of different collection systems for sorted household waste in Spain. <i>Waste Management</i> , 2010, 30, 2430-2439.	7.4	85
6	Analysis of refuse-derived fuel from the municipal solid waste reject fraction and its compliance with quality standards. <i>Journal of Cleaner Production</i> , 2014, 83, 118-125.	9.3	70
7	Environmental performance of ceramic tiles: Improvement proposals. <i>Materials & Design</i> , 2010, 31, 35-41.	5.1	61
8	Determination of mercury distribution inside spent compact fluorescent lamps by atomic absorption spectrometry. <i>Waste Management</i> , 2012, 32, 944-948.	7.4	55
9	Analysis of collection systems for sorted household waste in Spain. <i>Waste Management</i> , 2012, 32, 1623-1633.	7.4	53
10	The determination of waste generation and composition as an essential tool to improve the waste management plan of a university. <i>Waste Management</i> , 2016, 53, 3-11.	7.4	52
11	Effect of airflow on biodrying of gardening wastes in reactors. <i>Journal of Environmental Sciences</i> , 2013, 25, 865-872.	6.1	50
12	Methodology to design a municipal solid waste pre-collection system. A case study. <i>Waste Management</i> , 2015, 36, 1-11.	7.4	49
13	Methodology to design a municipal solid waste generation and composition map: A case study. <i>Waste Management</i> , 2014, 34, 1920-1931.	7.4	42
14	The role played by environmental factors in the integration of a transfer station in a municipal solid waste management system. <i>Waste Management</i> , 2007, 27, 545-553.	7.4	39
15	Characterization of SRF from MBT plants: Influence of the input waste and of the processing technologies. <i>Fuel Processing Technology</i> , 2016, 153, 19-27.	7.2	29
16	Climatic vulnerabilities and ecological preferences of soil invertebrates across biomes. <i>Molecular Ecology</i> , 2020, 29, 752-761.	3.9	29
17	Analysis of the waste selective collection at drop-off systems: Case study including the income level and the seasonal variation. <i>Waste Management and Research</i> , 2018, 36, 30-38.	3.9	25
18	Geological storage of nuclear wastes: Insights following the Fukushima crisis. <i>Energy Policy</i> , 2014, 73, 391-400.	8.8	24

#	ARTICLE	IF	CITATIONS
19	Environmental risk index: A tool to assess the safety of dams for leachate. <i>Journal of Hazardous Materials</i> , 2009, 162, 1-9.	12.4	23
20	Removal of mercury bonded in residual glass from spent fluorescent lamps. <i>Journal of Environmental Management</i> , 2013, 115, 175-178.	7.8	23
21	Application of inert wastes in the construction, operation and closure of landfills: Calculation tool. <i>Waste Management</i> , 2017, 59, 276-285.	7.4	23
22	A Methodology for Assessing the Potential Environmental Impact of Failure of Leachate-Retaining Earthen Dams. <i>Environmental Engineering Science</i> , 2009, 26, 1-14.	1.6	20
23	Safety factor nomograms for homogeneous earth dams less than ten meters high. <i>Engineering Geology</i> , 2009, 105, 231-238.	6.3	18
24	Application of life cycle assessment to improve the environmental performance of a ceramic tile packaging system. <i>Packaging Technology and Science</i> , 2006, 19, 83-95.	2.8	17
25	Factors determining waste generation in Spanish towns and cities. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4098.	2.7	17
26	Reutilisation of hazardous spent fluorescent lamps glass waste as supplementary cementitious material. <i>Construction and Building Materials</i> , 2021, 292, 123424.	7.2	15
27	Influence of the Municipal Solid Waste Collection System on the Time Spent at a Collection Point: A Case Study. <i>Sustainability</i> , 2019, 11, 6481.	3.2	13
28	Evolution of sorted waste collection: a case study of Spanish cities. <i>Waste Management and Research</i> , 2012, 30, 859-863.	3.9	9
29	Design of a model to assess the environmental risk of leachate dams. <i>Waste Management</i> , 2008, 28, 2122-2133.	7.4	7
30	Efficiency of a pilot scheme for the separate collection of the biowaste from municipal solid waste in Spain. <i>Scientific Reports</i> , 2021, 11, 11569.	3.3	7
31	Integrated analysis for pre-sorting and waste collection schemes implemented in Spanish cities. <i>Waste Management and Research</i> , 2001, 19, 380-390.	3.9	6
32	Design of a Municipal Solid Waste Collection System in Situations with a Lack of Resources: Nikki (Benin), a Case in Africa. <i>Sustainability</i> , 2021, 13, 1785.	3.2	4
33	Simulation of the behavior of a refuse landfill on a laboratory scale. <i>Journal of Environmental Management</i> , 2017, 204, 144-151.	7.8	4
34	RESPONSE OF TOMATO CROPS (SOLANUM LYCOPERSICUM 'MONTECARLO') TO SEWAGE SLUDGE-BASED COMPOST FERTILIZATION. <i>Acta Horticulturae</i> , 2012, , 123-130.	0.2	3
35	Separate Collection Systems for Urban Waste (UW). , 2012, , .		3
36	Optimization of the Location of the Municipal Solid Waste Bins Using Geographic Information Systems. <i>Lecture Notes in Management and Industrial Engineering</i> , 2016, , 171-184.	0.4	2

#	ARTICLE	IF	CITATIONS
37	Behavior of Rejects from a Biological-Mechanical Treatment Plant on the Landfill to Laboratory Scale. Sustainability, 2020, 12, 499.	3.2	1
38	LABWASTE.12: Calculation Tool for the Design of Solid Waste Landfills with Inert Waste Recovery. Lecture Notes in Management and Industrial Engineering, 2015, , 131-144.	0.4	1
39	Study of the Energy Recovery of the Reject Materials from Municipal Solid Waste Treatment Plants in Spain. Lecture Notes in Management and Industrial Engineering, 2017, , 81-93.	0.4	0
40	Testing the Degree of Biostabilization in the Refuse from Composting Plants. American Journal of Environmental Protection, 2014, 3, 238.	0.2	0
41	Design of an SRF from Refuse from a Municipal Waste Treatment Plant. Lecture Notes in Management and Industrial Engineering, 2015, , 157-165.	0.4	0