

Luis PÃ©rez-Urrestarazu

List of Publications by Year in descending order

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42
papers

1,032
citations

430442

18
h-index

433756

31
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42
all docs

42
docs citations

42
times ranked

1121
citing authors

#	ARTICLE	IF	CITATIONS
1	Vertical Greening Systems and Sustainable Cities. <i>Journal of Urban Technology</i> , 2015, 22, 65-85.	2.5	119
2	Benchmarking and multivariate data analysis techniques for improving the efficiency of irrigation districts: An application in Spain. <i>Agricultural Systems</i> , 2008, 96, 250-259.	3.2	87
3	The paradox of irrigation scheme modernization: more efficient water use linked to higher energy demand. <i>Spanish Journal of Agricultural Research</i> , 2011, 9, 1000.	0.3	71
4	Influence of an active living wall on indoor temperature and humidity conditions. <i>Ecological Engineering</i> , 2016, 90, 120-124.	1.6	70
5	Linking thermal imaging and soil remote sensing to enhance irrigation management of sugar beet. <i>Biosystems Engineering</i> , 2018, 165, 77-87.	1.9	66
6	Particularities of having plants at home during the confinement due to the COVID-19 pandemic. <i>Urban Forestry and Urban Greening</i> , 2021, 59, 126919.	2.3	57
7	Assessment of the Cooling Potential of an Indoor Living Wall using Different Substrates in a Warm Climate. <i>Indoor and Built Environment</i> , 2012, 21, 642-650.	1.5	54
8	The role of green roofs in climate change mitigation. A case study in Seville (Spain). <i>Building and Environment</i> , 2017, 123, 575-584.	3.0	52
9	A global horizon scan of the future impacts of robotics and autonomous systems on urban ecosystems. <i>Nature Ecology and Evolution</i> , 2021, 5, 219-230.	3.4	39
10	Wind tunnel analysis of artificial substrates used in active living walls for indoor environment conditioning in Mediterranean buildings. <i>Building and Environment</i> , 2012, 51, 370-378.	3.0	35
11	Modernizing Water Distribution Networks. <i>Outlook on Agriculture</i> , 2012, 41, 229-236.	1.8	32
12	Irrigation Systems Evaluation for Living Walls. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2014, 140, .	0.6	31
13	Suitability and optimization of FAO's small-scale aquaponics systems for joint production of lettuce (<i>Lactuca sativa</i>) and fish (<i>Carassius auratus</i>). <i>Aquacultural Engineering</i> , 2019, 85, 129-137.	1.4	30
14	Economic Sustainability of Small-Scale Aquaponic Systems for Food Self-Production. <i>Agronomy</i> , 2020, 10, 1468.	1.3	23
15	Characterization of Pumps for Irrigation in Central California: Potential Energy Savings. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2012, 138, 815-822.	0.6	21
16	Media and social impact valuation of a living wall: The case study of the Sagrado Corazon hospital in Seville (Spain). <i>Urban Forestry and Urban Greening</i> , 2017, 24, 141-148.	2.3	19
17	Volatile organic compounds removal by means of a felt-based living wall to improve indoor air quality. <i>Atmospheric Pollution Research</i> , 2021, 12, 224-229.	1.8	19
18	Quality of Service in Irrigation Distribution Networks: Case of Palos de la Frontera Irrigation District (Spain). <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2009, 135, 755-762.	0.6	18

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19	Assessment of perlite, expanded clay and pumice as substrates for living walls. <i>Scientia Horticulturae</i> , 2019, 254, 48-54.	1.7	17
20	Lighting systems evaluation for indoor living walls. <i>Urban Forestry and Urban Greening</i> , 2014, 13, 475-483.	2.3	16
21	Irrigation Distribution Networksâ€™ Vulnerability to Climate Change. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2010, 136, 486-493.	0.6	15
22	Food safety concerns in urban aquaponic production: Nitrate contents in leafy vegetables. <i>Urban Forestry and Urban Greening</i> , 2019, 44, 126431.	2.3	13
23	Vertical Greening Systems. , 2018, , 45-54.		11
24	Development of an automatic test bench to assess sprinkler irrigation uniformity in different wind conditions. <i>Computers and Electronics in Agriculture</i> , 2018, 151, 31-40.	3.7	11
25	Comparative Analysis of Horizontal and Vertical Decoupled Aquaponic Systems for Basil Production and Effect of Light Supplementation by LED. <i>Agronomy</i> , 2020, 10, 1414.	1.3	11
26	Assessment of different LED lighting systems for indoor living walls. <i>Scientia Horticulturae</i> , 2020, 272, 109522.	1.7	11
27	Susceptibility to water-borne plant diseases of hydroponic vs. aquaponics systems. <i>Aquaculture</i> , 2021, 544, 737093.	1.7	10
28	Water management assessment in a historic garden: the case study of the Real Alcazar (Seville, Spain). <i>Urban Forestry and Urban Greening</i> , 2018, 29, 192-199.	2.3	9
29	Improving the performance of felt-based living wall systems in terms of irrigation management. <i>Urban Forestry and Urban Greening</i> , 2020, 54, 126782.	2.3	8
30	Removal of Volatile Organic Compounds by Means of a Felt-Based Living Wall Using Different Plant Species. <i>Sustainability</i> , 2021, 13, 6393.	1.6	8
31	Polyculture production of vegetables and red hybrid tilapia for self-consumption by means of micro-scale aquaponic systems. <i>Aquacultural Engineering</i> , 2021, 95, 102181.	1.4	8
32	Water consumption of felt-based outdoor living walls in warm climates. <i>Urban Forestry and Urban Greening</i> , 2021, 59, 127025.	2.3	7
33	IGRA. A tool for applying the benchmarking initiative to irrigated areas. <i>Irrigation and Drainage</i> , 2005, 54, 307-319.	0.8	6
34	Development of an integrated computational tool to improve performance of irrigation districts. <i>Journal of Hydroinformatics</i> , 2012, 14, 716-730.	1.1	5
35	Vertical Greening Systems. , 2018, , 55-63.		5
36	Consumersâ€™ knowledge, attitudes and willingness to pay for aquaponic products in Spain and Latin America. <i>International Journal of Gastronomy and Food Science</i> , 2021, 24, 100350.	1.3	5

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37	Characterisation of aquaponic producers and small-scale facilities in Spain and Latin America. Aquaculture International, 2022, 30, 517-532.	1.1	4
38	Early production of strawberry in aquaponic systems using commercial hydroponic bands. Aquacultural Engineering, 2022, 97, 102242.	1.4	4
39	Turfgrass Recovery after an Induced Drought Period on a Golf Course Fairway: Case Study in Southern Spain. Journal of Irrigation and Drainage Engineering - ASCE, 2019, 145, .	0.6	3
40	â€˜Tifwayâ€™ bermudagrass recovery after drought periods of different durations under shallow sandy soil in a Mediterranean climate. Agricultural Water Management, 2019, 223, 105690.	2.4	2
41	RESULTADOS DE ENSAYOS DEL BANCO AUTOMÃ¡TICO DE ASPERSORES. , 2015, , .		0
42	Assessment of Actual Workload and Student Performance in the Agricultural Engineering Final Degree Project in a Spanish Higher Education Context. Education Sciences, 2022, 12, 418.	1.4	0