

Ezio Ranieri

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,344
citations

257450

24
h-index

345221

36
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41
all docs

41
docs citations

41
times ranked

1603
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromium phytoextraction using <i>Phyllostachys pubescens</i> (Moso Bamboo). International Journal of Phytoremediation, 2023, 25, 621-629.	3.1	3
2	Compact and portable quartz-enhanced photoacoustic spectroscopy sensor for carbon monoxide environmental monitoring in urban areas. Photoacoustics, 2022, 25, 100318.	7.8	45
3	Phytoextraction by Moso Bamboo under high level chromium stress in mediterranean conditions. Journal of Environmental Management, 2022, 317, 115479.	7.8	2
4	Methyl Orange Photo-Degradation by TiO ₂ in a Pilot Unit under Different Chemical, Physical, and Hydraulic Conditions. Processes, 2021, 9, 205.	2.8	11
5	Energy consumption in anaerobic and aerobic based wastewater treatment plants in Italy. Water Practice and Technology, 2021, 16, 851-863.	2.0	24
6	Phytoextraction of Cr(VI)-Contaminated Soil by <i>Phyllostachys pubescens</i> : A Case Study. Toxics, 2021, 9, 312.	3.7	10
7	Phytoextraction technologies for mercury and chromium contaminated soil: a review. Journal of Chemical Technology and Biotechnology, 2020, 95, 317-327.	3.2	66
8	Multistage Horizontal Subsurface Flow vs. Hybrid Constructed Wetlands for the Treatment of Raw Urban Wastewater. Sustainability, 2020, 12, 5102.	3.2	12
9	Phytoextraction from Chromium-Contaminated Soil Using Moso Bamboo in Mediterranean Conditions. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	11
10	Editorial - Sustainable Waste and Wastewater Management. Journal of Environmental Management, 2018, 216, 1-3.	7.8	4
11	Heavy metals retention (Pb(II), Cd(II), Ni(II)) from single and multimetal solutions by natural biosorbents from the olive oil milling operations. Chemical Engineering Research and Design, 2018, 114, 79-90.	5.6	44
12	Variability modes of precipitation along a Central Mediterranean area and their relations with ENSO, NAO, and other climatic patterns. Atmospheric Research, 2017, 198, 56-80.	4.1	36
13	Sampling, characterisation and processing of solid recovered fuel production from municipal solid waste: An Italian plant case study. Waste Management and Research, 2017, 35, 890-898.	3.9	18
14	A Rationale for Pollutograph Evaluation in Ungauged Areas, Using Daily Rainfall Patterns: Case Studies of the Apulian Region in Southern Italy. Applied and Environmental Soil Science, 2016, 2016, 1-16.	1.7	31
15	Soil Pollution Prevention and Remediation. Applied and Environmental Soil Science, 2016, 2016, 1-2.	1.7	8
16	Flux-step method for the assessment of operational conditions in a submerged membrane bioreactor. Water Science and Technology, 2016, 73, 2222-2230.	2.5	3
17	Effects of compost age on the release of nutrients. International Soil and Water Conservation Research, 2016, 4, 230-236.	6.5	56
18	Photocatalytic Oxidation of Organic Micro-Pollutants: Pilot Plant Investigation and Mechanistic Aspects of the Degradation Reaction. Chemical Engineering Communications, 2016, 203, 1298-1307.	2.6	30

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19	Ailanthus Altissima and Phragmites Australis for chromium removal from a contaminated soil. Environmental Science and Pollution Research, 2016, 23, 15983-15989.	5.3	37
20	Sorption of Pb(II), Cd(II), and Ni(II) From Single- and Multimetal Solutions by Recycled Waste Porous Glass. Chemical Engineering Communications, 2016, 203, 940-947.	2.6	32
21	Process enhancement for maximization of methane production in codigestion biogas plants. Management of Environmental Quality, 2016, 27, 289-298.	4.3	27
22	Potential for denitrification in sequencing batch constructed wetlands cultivated with <i>T. latifolia</i> and <i>C. zizanioides</i> . Desalination and Water Treatment, 2016, 57, 5464-5472.	1.0	8
23	Build-Up/Wash-Off Monitoring and Assessment for Sustainable Management of First Flush in an Urban Area. Sustainability, 2015, 7, 5050-5070.	3.2	69
24	Removal capacity of BTEX and metals of constructed wetlands under the influence of hydraulic conductivity. Desalination and Water Treatment, 2015, 56, 1256-1263.	1.0	16
25	Effects of Plants for Reduction and Removal of Hexavalent Chromium from a Contaminated Soil. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	45
26	Critical analysis of the integration of residual municipal solid waste incineration and selective collection in two Italian tourist areas. Waste Management and Research, 2014, 32, 551-555.	3.9	29
27	A Comparison Between Phragmites australis and Helianthus annuus in Chromium Phytoextraction. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	44
28	Laboratory Scale Unit for Photocatalytic Removal of Organic Micropollutants from Water and Wastewater. Methyl Orange Degradation. Industrial & Engineering Chemistry Research, 2013, 52, 2201-2208.	3.7	28
29	A comparison between model and experimental hydraulic performances in a pilot-scale horizontal subsurface flow constructed wetland. Ecological Engineering, 2013, 60, 45-49.	3.6	31
30	Removal of iron, chromium and lead from waste water by horizontal subsurface flow constructed wetlands. Journal of Chemical Technology and Biotechnology, 2013, 88, 1906-1912.	3.2	42
31	BTEX removal in pilot-scale horizontal subsurface flow constructed wetlands. Desalination and Water Treatment, 2013, 51, 3032-3039.	1.0	52
32	Chromium and Nickel Control in Full- and Small-scale Subsuperficial Flow Constructed Wetlands. Soil and Sediment Contamination, 2012, 21, 802-814.	1.9	27
33	Review of highway runoff characteristics: Comparative analysis and universal implications. Water Research, 2012, 46, 6609-6624.	11.3	186
34	Clogging influence on metals migration and removal in sub-surface flow constructed wetlands. Journal of Contaminant Hydrology, 2012, 129-130, 38-45.	3.3	28
35	Shock load response in an SBR-activated sludge process treating high load wastewater. International Journal of Environmental Engineering, 2011, 3, 164.	0.1	0
36	Paracetamol removal in subsurface flow constructed wetlands. Journal of Hydrology, 2011, 404, 130-135.	5.4	72

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37	An Examination of the Factors Involved in Agricultural Reuse:Technologies, Regulatory and Social Aspects. Journal of Water Resource and Protection, 2011, 03, 300-310.	0.8	4
38	Metals Removal from Stormwater by Commercial and Non-Commercial Granular Activated Carbons. Water Environment Research, 2010, 82, 351-356.	2.7	28
39	Removal and accumulation of Cu, Ni and Zn in horizontal subsurface flow constructed wetlands: Contribution of vegetation and filling medium. Science of the Total Environment, 2010, 408, 5097-5105.	8.0	102
40	DBPS CONTROL IN EUROPEAN DRINKING WATER TREATMENT PLANTS USING CHLORINE DIOXIDE: TWO CASE STUDIES. Journal of Environmental Engineering and Landscape Management, 2010, 18, 85-91.	1.0	23