

# 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  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1603  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of highway runoff characteristics: Comparative analysis and universal implications. <i>Water Research</i> , 2012, 46, 6609-6624.	11.3	186
2	Removal and accumulation of Cu, Ni and Zn in horizontal subsurface flow constructed wetlands: Contribution of vegetation and filling medium. <i>Science of the Total Environment</i> , 2010, 408, 5097-5105.	8.0	102
3	Paracetamol removal in subsurface flow constructed wetlands. <i>Journal of Hydrology</i> , 2011, 404, 130-135.	5.4	72
4	Build-Up/Wash-Off Monitoring and Assessment for Sustainable Management of First Flush in an Urban Area. <i>Sustainability</i> , 2015, 7, 5050-5070.	3.2	69
5	Phytoextraction technologies for mercury and chromium contaminated soil: a review. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 317-327.	3.2	66
6	Effects of compost age on the release of nutrients. <i>International Soil and Water Conservation Research</i> , 2016, 4, 230-236.	6.5	56
7	BTEX removal in pilot-scale horizontal subsurface flow constructed wetlands. <i>Desalination and Water Treatment</i> , 2013, 51, 3032-3039.	1.0	52
8	Effects of Plants for Reduction and Removal of Hexavalent Chromium from a Contaminated Soil. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	45
9	Compact and portable quartz-enhanced photoacoustic spectroscopy sensor for carbon monoxide environmental monitoring in urban areas. <i>Photoacoustics</i> , 2022, 25, 100318.	7.8	45
10	A Comparison Between <i>Phragmites australis</i> and <i>Helianthus annuus</i> in Chromium Phytoextraction. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	44
11	Heavy metals retention (Pb(II), Cd(II), Ni(II)) from single and multimetal solutions by natural biosorbents from the olive oil milling operations. <i>Chemical Engineering Research and Design</i> , 2018, 114, 79-90.	5.6	44
12	Removal of iron, chromium and lead from waste water by horizontal subsurface flow constructed wetlands. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1906-1912.	3.2	42
13	<i>Ailanthus Altissima</i> and <i>Phragmites Australis</i> for chromium removal from a contaminated soil. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15983-15989.	5.3	37
14	Variability modes of precipitation along a Central Mediterranean area and their relations with ENSO, NAO, and other climatic patterns. <i>Atmospheric Research</i> , 2017, 198, 56-80.	4.1	36
15	Sorption of Pb(II), Cd(II), and Ni(II) From Single- and Multimetal Solutions by Recycled Waste Porous Glass. <i>Chemical Engineering Communications</i> , 2016, 203, 940-947.	2.6	32
16	A comparison between model and experimental hydraulic performances in a pilot-scale horizontal subsurface flow constructed wetland. <i>Ecological Engineering</i> , 2013, 60, 45-49.	3.6	31
17	A Rationale for Pollutograph Evaluation in Ungauged Areas, Using Daily Rainfall Patterns: Case Studies of the Apulian Region in Southern Italy. <i>Applied and Environmental Soil Science</i> , 2016, 2016, 1-16.	1.7	31
18	Photocatalytic Oxidation of Organic Micro-Pollutants: Pilot Plant Investigation and Mechanistic Aspects of the Degradation Reaction. <i>Chemical Engineering Communications</i> , 2016, 203, 1298-1307.	2.6	30

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19	Critical analysis of the integration of residual municipal solid waste incineration and selective collection in two Italian tourist areas. <i>Waste Management and Research</i> , 2014, 32, 551-555.	3.9	29
20	Metals Removal from Stormwater by Commercial and Non-Commercial Granular Activated Carbons. <i>Water Environment Research</i> , 2010, 82, 351-356.	2.7	28
21	Clogging influence on metals migration and removal in sub-surface flow constructed wetlands. <i>Journal of Contaminant Hydrology</i> , 2012, 129-130, 38-45.	3.3	28
22	Laboratory Scale Unit for Photocatalytic Removal of Organic Micropollutants from Water and Wastewater. Methyl Orange Degradation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 2201-2208.	3.7	28
23	Chromium and Nickel Control in Full- and Small-scale Subsurface Flow Constructed Wetlands. <i>Soil and Sediment Contamination</i> , 2012, 21, 802-814.	1.9	27
24	Process enhancement for maximization of methane production in codigestion biogas plants. <i>Management of Environmental Quality</i> , 2016, 27, 289-298.	4.3	27
25	Energy consumption in anaerobic and aerobic based wastewater treatment plants in Italy. <i>Water Practice and Technology</i> , 2021, 16, 851-863.	2.0	24
26	DBPS CONTROL IN EUROPEAN DRINKING WATER TREATMENT PLANTS USING CHLORINE DIOXIDE: TWO CASE STUDIES. <i>Journal of Environmental Engineering and Landscape Management</i> , 2010, 18, 85-91.	1.0	23
27	Sampling, characterisation and processing of solid recovered fuel production from municipal solid waste: An Italian plant case study. <i>Waste Management and Research</i> , 2017, 35, 890-898.	3.9	18
28	Removal capacity of BTEX and metals of constructed wetlands under the influence of hydraulic conductivity. <i>Desalination and Water Treatment</i> , 2015, 56, 1256-1263.	1.0	16
29	Multistage Horizontal Subsurface Flow vs. Hybrid Constructed Wetlands for the Treatment of Raw Urban Wastewater. <i>Sustainability</i> , 2020, 12, 5102.	3.2	12
30	Phytoextraction from Chromium-Contaminated Soil Using Moso Bamboo in Mediterranean Conditions. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	11
31	Methyl Orange Photo-Degradation by TiO <sub>2</sub> in a Pilot Unit under Different Chemical, Physical, and Hydraulic Conditions. <i>Processes</i> , 2021, 9, 205.	2.8	11
32	Phytoextraction of Cr(VI)-Contaminated Soil by <i>Phyllostachys pubescens</i> : A Case Study. <i>Toxics</i> , 2021, 9, 312.	3.7	10
33	Soil Pollution Prevention and Remediation. <i>Applied and Environmental Soil Science</i> , 2016, 2016, 1-2.	1.7	8
34	Potential for denitrification in sequencing batch constructed wetlands cultivated with <i>T. latifolia</i> and <i>C. zizanioides</i> . <i>Desalination and Water Treatment</i> , 2016, 57, 5464-5472.	1.0	8
35	Editorial - Sustainable Waste and Wastewater Management. <i>Journal of Environmental Management</i> , 2018, 216, 1-3.	7.8	4
36	An Examination of the Factors Involved in Agricultural Reuse: Technologies, Regulatory and Social Aspects. <i>Journal of Water Resource and Protection</i> , 2011, 03, 300-310.	0.8	4

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37	Flux-step method for the assessment of operational conditions in a submerged membrane bioreactor. <i>Water Science and Technology</i> , 2016, 73, 2222-2230.	2.5	3
38	Chromium phytoextraction using <i>Phyllostachys pubescens</i> (Moso Bamboo). <i>International Journal of Phytoremediation</i> , 2023, 25, 621-629.	3.1	3
39	Phytoextraction by Moso Bamboo under high level chromium stress in mediterranean conditions. <i>Journal of Environmental Management</i> , 2022, 317, 115479.	7.8	2
40	Shock load response in an SBR-activated sludge process treating high load wastewater. <i>International Journal of Environmental Engineering</i> , 2011, 3, 164.	0.1	0