

Elena Cristina Rada

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

1,647
citations

23
h-index

37
g-index

119
ext. papers

1,938
ext. citations

4
avg, IF

5.33
L-index

#	Paper	IF	Citations
96	Public Attitude towards Nuclear and Renewable Energy as a Factor of Their Development in a Circular Economy Frame: Two Case Studies. <i>Sustainability</i> , 2022 , 14, 1283	3.6	1
95	Sustainable Energy Management Benchmark at Wastewater Treatment Plant. <i>Sustainability</i> , 2021 , 13, 12885	3.6	
94	Green energy development in an industrial region: A case-study of Sverdlovsk region. <i>Energy Reports</i> , 2021 , 7, 137-148	4.6	2
93	The performance evaluation of wastewater service: a protocol based on performance indicators applied to sewer systems and wastewater treatment plants. <i>Environmental Technology (United Kingdom)</i> , 2021 , 1-18	2.6	2
92	Zooming on light packaging waste differences by scanning electron microscopy. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 59076-59082	5.1	1
91	A regulatory strategy for the emission control of hexavalent chromium from waste-to-energy plants. <i>Journal of Cleaner Production</i> , 2021 , 278, 123415	10.3	7
90	Preliminary criteria for the energy sector: environmental and economic efficiency of investment projects. <i>MATEC Web of Conferences</i> , 2021 , 343, 07014	0.3	
89	Removal and Survival of Fecal Indicators in a Constructed Wetland after UASB Pre-Treatment. <i>Sustainability</i> , 2021 , 13, 9302	3.6	
88	Applications of Up-Flow Anaerobic Sludge Blanket (UASB) and Characteristics of Its Microbial Community: A Review of Bibliometric Trend and Recent Findings. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
87	The Sensitivity of a Specific Denitrification Rate under the Dissolved Oxygen Pressure. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
86	Some considerations on circular economy, municipal solid waste and occupational risk. <i>MATEC Web of Conferences</i> , 2020 , 305, 00068	0.3	
85	Foams in Wastewater Treatment Plants: From Causes to Control Methods. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2716	2.6	10
84	Adsorption of Fluorides in Drinking Water by Palm Residues. <i>Sustainability</i> , 2020 , 12, 3786	3.6	10
83	MSW Management in Universities: Sharing Best Practices. <i>Sustainability</i> , 2020 , 12, 5084	3.6	4
82	Potential environmental benefits of direct electric heating powered by waste-to-energy processes as a replacement of solid-fuel combustion in semi-rural and remote areas. <i>Science of the Total Environment</i> , 2020 , 740, 140078	10.2	9
81	Local Actions for Reducing Global Greenhouse Gas Footprint: 10 Years of Covenant of Mayors Initiative. <i>International Journal of Sustainable Development and Planning</i> , 2020 , 20, 247-252	2	6
80	IMPROVING THE APPROACH TO EFFICIENCY ASSESSMENT OF INVESTMENT PROJECTS IN THE ENERGY SECTOR 2020 ,		4

79	Energy and material assessment of municipal sewage sludge applications under circular economy. <i>International Journal of Energy Production and Management</i> , 2020 , 5, 234-244	5.3	2
78	Disinfection of Wastewater by UV-Based Treatment for Reuse in a Circular Economy Perspective. Where Are We at?. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 18,	4.6	14
77	Evaluation of conventional and alternative anaerobic digestion technologies for applications to small and rural communities. <i>Waste Management</i> , 2020 , 118, 79-89	8.6	4
76	The Production of Sustainable Concrete with the Use of Alternative Aggregates: A Review. <i>Sustainability</i> , 2020 , 12, 7903	3.6	25
75	Municipal solid waste management during the SARS-COV-2 outbreak and lockdown ease: Lessons from Italy. <i>Science of the Total Environment</i> , 2020 , 745, 141159	10.2	40
74	Horizontal Flow Constructed Wetland for Greywater Treatment and Reuse: An Experimental Case. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	9
73	Parameters analysis for a sustainable management of solid waste in university buildings. <i>MATEC Web of Conferences</i> , 2020 , 305, 00054	0.3	
72	Remediation of Soil Polluted by Organic Compounds Through Chemical Oxidation and Phytoremediation Combined with DCT. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	13
71	Investigation on the Possibility of Increasing the Environmental Safety and Fuel Efficiency of Vehicles by Means of Gasoline Nano-Additive. <i>Sustainability</i> , 2019 , 11, 2165	3.6	4
70	Rational Behavior of an Enterprise in the Energy Market in a Circular Economy. <i>Resources</i> , 2019 , 8, 73	3.7	17
69	Importance of Experimental Tests for the Determination of Modeling Parameters in Fire Safety Engineering. <i>MATEC Web of Conferences</i> , 2019 , 290, 12025	0.3	
68	Unconventional small-scale biogas production with reduced local impact. <i>International Journal of Energy Production and Management</i> , 2019 , 4, 198-208	5.3	2
67	ENERGY AND SUSTAINABILITY ASSESSMENT OF MUNICIPAL WASTEWATER TREATMENT UNDER CIRCULAR ECONOMY PARADIGM 2019 ,		10
66	MODELLING THE SOURCE TERM FOR POLLUTANTS GENERATED FROM GALVANIC CELLS. <i>Environmental Engineering and Management Journal</i> , 2019 , 18, 907-920	0.6	
65	Some considerations on indoor and outdoor impacts of different ways of pm release and odour emission in industrial sectors. <i>International Symposium the Environmental and the Industry</i> , 2019 , 325-332 ⁰		1
64	Renewable sources and its applications awareness in educational institutions 2019 ,		1
63	Introduction of the circular economy within developing regions: A comparative analysis of advantages and opportunities for waste valorization. <i>Journal of Environmental Management</i> , 2019 , 230, 366-378	7.9	129
62	Selective Collection Quality Index for Municipal Solid Waste Management. <i>Sustainability</i> , 2018 , 10, 257	3.6	27

61	Critical Review of the Effects of Glyphosate Exposure to the Environment and Humans through the Food Supply Chain. <i>Sustainability</i> , 2018 , 10, 950	3.6	51
60	Sustainability of the Urban Transport System under Changes in Weather and Road Conditions Affecting Vehicle Operation. <i>Sustainability</i> , 2018 , 10, 2052	3.6	12
59	Consumption of Free Chlorine in an Aqueduct Scheme with Low Protection: Case Study of the New Aqueduct Simbrivio-Castelli (NASC), Italy. <i>Water (Switzerland)</i> , 2018 , 10, 127	3	1
58	Good Practices and Actions for Sustainable Municipal Solid Waste Management in the Tourist Sector. <i>Resources</i> , 2018 , 7, 51	3.7	15
57	CLIMATE CHANGE MITIGATION: HYPOTHESIS-FORMULATION AND ANALYSIS OF INTERVENTIONS 2018 ,		4
56	TOWARDS THE SUSTAINABLE MANAGEMENT OF AIR QUALITY AND HUMAN EXPOSURE: EXEMPLARY CASE STUDIES 2018 ,		6
55	SPECIAL WASTE VALORIZATION AND RENEWABLE ENERGY GENERATION UNDER A CIRCULAR ECONOMY: WHICH PRIORITIES? 2018 ,		5
54	Dioxin Contamination after a Hypothetical Accidental Fire in Baled Municipal Solid Waste Storage. <i>Revista De Chimie (discontinued)</i> , 2018 , 69, 997-1001	1.8	5
53	Environmental and managerial advantages of treatment plants exploiting biogas from food waste. <i>International Journal of Energy Production and Management</i> , 2018 , 3, 292-306	5.3	2
52	Risk Assessment in a Materials Recycling Facility: Perspectives for Reducing Operational Issues. <i>Resources</i> , 2018 , 7, 85	3.7	8
51	Assessment of arsenic removal efficiency by an iron oxide-coated sand filter process. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 26135-26143	5.1	12
50	Unconventional Reducing Gases Monitoring in Everyday Places. <i>Energy Procedia</i> , 2017 , 119, 3-9	2.3	0
49	Optimizing the Methodology of Characterization of Municipal Solid Waste in EU Under a Circular Economy Perspective. <i>Energy Procedia</i> , 2017 , 119, 72-85	2.3	30
48	Experiencing Urban Mining in an Italian Municipality towards a Circular Economy vision. <i>Energy Procedia</i> , 2017 , 119, 192-200	2.3	26
47	Anaerobic digestion as sustainable source of energy: A dynamic approach for improving the recovery of organic waste. <i>Energy Procedia</i> , 2017 , 119, 602-614	2.3	23
46	Energy recovery from Municipal Solid Waste in EU: proposals to assess the management performance under a circular economy perspective. <i>MATEC Web of Conferences</i> , 2017 , 121, 05006	0.3	14
45	Decision support systems for assessing risks involved in transporting hazardous materials: A review. <i>Safety Science</i> , 2017 , 92, 1-9	5.8	38
44	Optimization of Anaerobic Waste Management Systems 2017 , 69-86		

43	Individual risk evaluation and interventions for mitigation in the transportation of hazardous goods: a case study. <i>MATEC Web of Conferences</i> , 2017 , 121, 06008	0.3	1
42	Factors Affecting Spatial and Temporal Concentration Variability of Pharmaceuticals: Comparison between Two WWTPs. <i>Sustainability</i> , 2017 , 9, 1466	3.6	8
41	GREENHOUSE EFFECT REDUCTION THROUGH MINE METHANE VALORIZATION: OVERVIEW AND FEASIBILITY STUDY. <i>Environmental Engineering and Management Journal</i> , 2017 , 16, 1257-1262	0.6	1
40	Ailanthus Altissima and Phragmites Australis for chromium removal from a contaminated soil. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 15983-9	5.1	32
39	State of the art and advances in the impact assessment of dioxins and dioxin-like compounds. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 57	3.1	7
38	Comparison between conventional biofilters and biotrickling filters applied to waste bio-drying in terms of atmospheric dispersion and air quality. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 975-82	2.6	12
37	Air pollution control through biotrickling filters: a review considering operational aspects and expected performance. <i>Critical Reviews in Biotechnology</i> , 2016 , 36, 1143-1155	9.4	40
36	Chapter 1 Perspectives of Low-Cost Sensors Adoption for Air Quality Monitoring 2016 , 1-14		1
35	Chapter 1. Some Considerations on the Environmental Impact of Highway Traffic 2016 , 3-16		
34	Chapter 3 Management of Atmospheric Pollutants from Waste Incineration Processes: The Case of Bozen 2016 , 45-60		
33	Chapter 7 Deposition Near a Sintering Plant 2016 , 131-140		
32	Chapter 9 Modelling Human Exposure to Air Pollutants in an Urban Area 2016 , 161-176		
31	Chapter 3 A Critical Analysis of Emissions and Atmospheric Dispersion of Pollutants from Plants for the Treatment of Residual Municipal Solid Waste 2016 , 25-40		
30	Chapter 2 Role of Feedstock Transport in the Balance of Primary PM Emissions in Two Case-Studies: RMSW Incineration vs. Sintering Plant 2016 , 13-24		
29	SMART MONITORING OF BENZENE THROUGH AN URBAN MOBILE PHONE NETWORK. <i>WIT Transactions on State-of-the-art in Science and Engineering</i> , 2016 , 196-202		
28	Management of Urban Wastewater on One of the Galapagos Islands. <i>Sustainability</i> , 2016 , 8, 208	3.6	13
27	Analysis and Measures to Improve Waste Management in Schools. <i>Sustainability</i> , 2016 , 8, 840	3.6	22
26	Remediation in Situ of Hydrocarbons by Combined Treatment in a Contaminated Alluvial Soil due to an Accidental Spill of LNAPL. <i>Sustainability</i> , 2016 , 8, 1086	3.6	10

25	Respirometric Index and Biogas Potential of Different Foods and Agricultural Discarded Biomass. <i>Sustainability</i> , 2016 , 8, 1311	3.6	9
24	Respirometric index as a tool for biogas generation production from poultry manure. <i>Management of Environmental Quality</i> , 2016 , 27, 269-280	3.6	5
23	Characterization of metals in air and soil near a steel making plant in the North part of Italy. <i>Management of Environmental Quality</i> , 2016 , 27, 441-451	3.6	1
22	Characterization of fine and ultrafine particles in air near a steel making plant: an Italian case. <i>Management of Environmental Quality</i> , 2016 , 27, 350-363	3.6	2
21	Potential of non-thermal plasmas for helping the biodegradation of volatile organic compounds (VOCs) released by waste management plants. <i>Journal of Cleaner Production</i> , 2015 , 104, 211-219	10.3	43
20	Assessing the air quality impact of nitrogen oxides and benzene from road traffic and domestic heating and the associated cancer risk in an urban area of Verona (Italy). <i>Atmospheric Environment</i> , 2015 , 120, 234-243	5.3	39
19	Sustainable Development and Technological Impact on CO2 Reducing Conditions in Romania. <i>Sustainability</i> , 2015 , 7, 1637-1650	3.6	58
18	Modelling the Potential Biogas Productivity Range from a MSW Landfill for Its Sustainable Exploitation. <i>Sustainability</i> , 2015 , 7, 482-495	3.6	18
17	Treatment and disposal of tyres: Two EU approaches. A review. <i>Waste Management</i> , 2015 , 45, 152-60	8.6	167
16	MUNICIPAL SOLID WASTE SORTING AND TREATMENT SCHEMES FOR THE MAXIMIZATION OF MATERIAL AND ENERGY RECOVERY IN A LATEST EU MEMBER. <i>Environmental Engineering and Management Journal</i> , 2015 , 14, 2537-2544	0.6	17
15	Selective collection as a pretreatment for indirect solid recovered fuel generation. <i>Waste Management</i> , 2014 , 34, 291-7	8.6	50
14	Treatment of slaughterhouse wastewaters using anaerobic filters. <i>Environmental Technology (United Kingdom)</i> , 2014 , 35, 322-32	2.6	18
13	Sewage sludge drying by energy recovery from OFMSW composting: preliminary feasibility evaluation. <i>Waste Management</i> , 2014 , 34, 859-66	8.6	34
12	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, 551-5	4	22
11	Effluents from MBT plants: plasma techniques for the treatment of VOCs. <i>Waste Management</i> , 2014 , 34, 2400-6	8.6	36
10	Assessment of Biological Kinetics in a Conventional Municipal WWTP by Means of the Oxygen Uptake Rate Method. <i>Sustainability</i> , 2014 , 6, 1833-1847	3.6	25
9	Management of Municipal Solid Waste in One of the Galapagos Islands. <i>Sustainability</i> , 2014 , 6, 9080-9095	5.6	27
8	Integrated municipal solid waste scenario model using advanced pretreatment and waste to energy processes. <i>Energy Conversion and Management</i> , 2013 , 76, 1083-1092	10.6	102

7	Management of waste electrical and electronic equipment in two EU countries: a comparison. <i>Waste Management</i> , 2013 , 33, 117-22	8.6	53
6	Laboratory-scale anaerobic sequencing batch reactor for treatment of stillage from fruit distillation. <i>Water Science and Technology</i> , 2013 , 67, 1068-74	2.2	12
5	Analysis of Electro-Oxidation Suitability for Landfill Leachate Treatment through an Experimental Study. <i>Sustainability</i> , 2013 , 5, 3960-3975	3.6	18
4	Management of atmospheric pollutants from waste incineration processes: the case of Bozen. <i>Waste Management and Research</i> , 2013 , 31, 235-40	4	32
3	Role of levoglucosan as a tracer of wood combustion in an alpine region. <i>Environmental Technology (United Kingdom)</i> , 2012 , 33, 989-94	2.6	8
2	A Model for Mass and Energy Balances of Bio-Drying 2011 ,		5
1	A COMPARISON BETWEEN DIFFERENT SCENARIOS OF ROMANIAN MUNICIPAL SOLID WASTE TREATMENT BEFORE LANDFILLING. <i>Environmental Engineering and Management Journal</i> , 2010 , 9, 589-596	0.6	14