

Lucian Ionel Cioca

List of Publications by Citations

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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.

77
papers

849
citations

15
h-index

27
g-index

89
ext. papers

1,073
ext. citations

2.4
avg, IF

4.81
L-index

#	Paper	IF	Citations
77	Treatment and disposal of tyres: Two EU approaches. A review. <i>Waste Management</i> , 2015 , 45, 152-60	8.6	167
76	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
75	Sustainable Development and Technological Impact on CO2 Reducing Conditions in Romania. <i>Sustainability</i> , 2015 , 7, 1637-1650	3.6	58
74	Studies and Investigation about the Attitude towards Sustainable Production, Consumption and Waste Generation in Line with Circular Economy in Romania. <i>Sustainability</i> , 2018 , 10, 865	3.6	43
73	How Supportive Are Romanian Consumers of the Circular Economy Concept: A Survey. <i>Sustainability</i> , 2016 , 8, 789	3.6	31
72	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
71	Selective Collection Quality Index for Municipal Solid Waste Management. <i>Sustainability</i> , 2018 , 10, 257	3.6	27
70	Experiencing Urban Mining in an Italian Municipality towards a Circular Economy vision. <i>Energy Procedia</i> , 2017 , 119, 192-200	2.3	26
69	Circular economy and waste to energy 2018 ,		25
68	Explosion and/or fire risk assessment methodology: a common approach, structured for underground coalmine environments / Metoda szacowania ryzyka wybuchu i pożaru: podejście ogólne, dostosowane do środowiska kopalni podziemnej. <i>Archives of Mining Sciences</i> , 2012 , 57, 53-60		19
67	Occupational Accidents Assessment by Field of Activity and Investigation Model for Prevention and Control. <i>Safety</i> , 2019 , 5, 12	1.7	18
66	Risk Indicators and Road Accident Analysis for the Period 2012-2016. <i>Sustainability</i> , 2017 , 9, 1530	3.6	18
65	RATIONALE AND CRITERIA DEVELOPMENT FOR RISK ASSESSMENT TOOL SELECTION IN WORK ENVIRONMENTS. <i>Environmental Engineering and Management Journal</i> , 2014 , 13, 1371-1376	0.6	17
64	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
63	Good Practices and Actions for Sustainable Municipal Solid Waste Management in the Tourist Sector. <i>Resources</i> , 2018 , 7, 51	3.7	15
62	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
61	Sustainable Development Model for the Automotive Industry. <i>Sustainability</i> , 2019 , 11, 6447	3.6	12

60	Functionalization of a bamboo knitted fabric using air plasma treatment for the improvement of microcapsules embedding. <i>Journal of the Textile Institute</i> , 2015 , 106, 119-132	1.5	10
59	Proposed Environmental Risk Management Elements in a Carpathian Valley Basin, within the Romanian European Historical Mining Area. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	9
58	Conceptualizing Core Aspects on Circular Economy in Cities. <i>Sustainability</i> , 2021 , 13, 7549	3.6	9
57	Respirometric Index and Biogas Potential of Different Foods and Agricultural Discarded Biomass. <i>Sustainability</i> , 2016 , 8, 1311	3.6	9
56	2008 ,		8
55	Spatial [Elements] Decision Support System Used in Disaster Management 2007 ,		8
54	Biochemical methane potential assays to test the biogas production from the anaerobic digestion of sewage sludge and other organic matrices 2016 ,		8
53	Risk Assessment in a Materials Recycling Facility: Perspectives for Reducing Operational Issues. <i>Resources</i> , 2018 , 7, 85	3.7	8
52	Evaluating Safety Systems for Machine Tools with Computer Numerical Control using Analytic Hierarchy Process. <i>Safety</i> , 2019 , 5, 14	1.7	7
51	Optimal Solutions for the Use of Sewage Sludge on Agricultural Lands. <i>Water (Switzerland)</i> , 2021 , 13, 585	3	7
50	Consumer Satisfaction towards Green Products: Empirical Insights from Romania. <i>Sustainability</i> , 2021 , 13, 10982	3.6	6
49	Conceptualization and Examination of Success Factors in the Banking System. <i>Procedia Economics and Finance</i> , 2016 , 39, 679-684		6
48	MQL-Assisted Hard Turning of AISI D2 Steel with Corn Oil: Analysis of Surface Roughness, Tool Wear, and Manufacturing Costs. <i>Metals</i> , 2021 , 11, 2058	2.3	6
47	Enhancing Creativity: Using Visual Mnemonic Devices in the Teaching Process in Order to Develop Creativity in Students. <i>Sustainability</i> , 2020 , 12, 1985	3.6	5
46	Agro-tourism and ranking 2018 ,		5
45	Machine Learning and Creative Methods Used to Classify Customers in a CRM Systems. <i>Applied Mechanics and Materials</i> , 2013 , 371, 769-773	0.3	5
44	Environmental Regulations and CO2 Mitigation for Sustainability: Panel Data Analysis (PMG, CCEMG) for BRICS Nations. <i>Sustainability</i> , 2022 , 14, 72	3.6	5
43	Reducing the Risks during the Purchase of Five-Axis CNC Machining Centers Using AHP Method and Fuzzy Systems. <i>Sustainability</i> , 2019 , 11, 315	3.6	4

42	ADAPTATION OF MANAGERIAL STYLE TO THE PERSONALITY OF ENGINEERS, IN ORDER TO INCREASE PERFORMANCE IN THE WORKPLACE. <i>Polish Journal of Management Studies</i> , 2018 , 17, 67-77	2.5	4
41	INDUSTRIAL MARKETING 4.0 - UPGRADING THE INDUSTRIAL CUSTOMERS' PATH TO THE DIGITAL ECONOMY. <i>Polish Journal of Management Studies</i> , 2020 , 22, 535-548	2.5	4
40	Whether an innovation act as a catalytic moderator between corporate social responsibility performance and stated owned and non-state owned enterprises' performance or not? An evidence from Pakistani listed firms. <i>Corporate Social Responsibility and Environmental Management</i> , 2021 , 28, 1127-1141	7	4
39	Research Regarding the Influence of Raw Material and Knitted Fabric Geometry on the Tensile Strength and Breaking Elongation. <i>Procedia Technology</i> , 2016 , 22, 60-67		3
38	Research Regarding the Influence of Raw Material and Woven Fabric Geometry on the Air Permeability of Mattress. <i>Procedia Engineering</i> , 2017 , 181, 324-329		3
37	IT Technology Implications Analysis on the Occupational Risk: Cloud Computing Architecture. <i>Procedia Technology</i> , 2014 , 16, 1548-1559		3
36	Sustainability of Youth Careers in Romania Study on the Correlation of Students' Personal Interests with the Selected University Field of Study. <i>Sustainability</i> , 2021 , 13, 229	3.6	3
35	Accentuating the Interrelation between Consumer Intention and Healthy Packaged Food Selection during COVID-19: A Case Study of Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
34	Does Servant Leadership Promote Emotional Intelligence and Organizational Citizenship Behavior among Employees? A Structural Analysis. <i>Sustainability</i> , 2022 , 14, 5231	3.6	3
33	Hazards That Can Affect CNC Machine Tools during Operation An AHP Approach. <i>Safety</i> , 2020 , 6, 10	1.7	2
32	Managerial strategies of the personal values, used to improve engineers communication. <i>MATEC Web of Conferences</i> , 2019 , 290, 07004	0.3	2
31	Advancing Sustainable Engineering Practice Through Education and Undergraduate Research Projects 2014 ,		2
30	Infrastructure and system programming for digital ecosystems used in natural disaster management 2009 ,		2
29	Multi-criterion analysis of reference architectures and modeling languages used in production systems modeling		2
28	Integrating Risk Analysis With Safety Diagnostic In Complex Industrial Systems: Modeling Hazard. <i>ACTA Universitatis Cibiniensis</i> , 2015 , 66, 17-22		2
27	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
26	Warehouse Threats and Loss Prevention Management in Case of Fire. <i>Procedia Technology</i> , 2016 , 22, 1028-1034		2
25	Evaluating and prioritizing municipal solid waste management-related factors in Romania using fuzzy AHP and TOPSIS. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 6111-6127	1.6	1

24	Workforce active ageing case study in a Romanian manufacturing company. <i>MATEC Web of Conferences</i> , 2017 , 121, 11014	0.3	1
23	Decision Support System for Manufacturing Processes Reengineering based upon Fuzzy Logic Techniques. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 1111-1116		1
22	Sustainable Education in the Context of COVID-19: Study of the Social Perception and Well-Being of Students at the Faculty of Engineering in Sibiu, Romania. <i>Sustainability</i> , 2021 , 13, 12805	3.6	1
21	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
20	SPONTANEOUS COMBUSTION RISK ANALYSIS IN SUBSURFACE ENVIRONMENTS: CARBON MONOXIDE DATA PROCESSING TOOL. <i>Environmental Engineering and Management Journal</i> , 2017 , 16, 1317-1322	0.6	1
19	Renewable sources and its applications awareness in educational institutions 2019 ,		1
18	THE IMPACT OF TRAFFIC RELATED POLLUTION ON AIR QUALITY IN SIBIU REGION. <i>Environmental Engineering and Management Journal</i> , 2015 , 14, 2637-2642	0.6	0
17	Selecting the Safest CNC Machining Workshop Using AHP and TOPSIS Approaches. <i>Safety</i> , 2021 , 7, 27	1.7	0
16	Technical and commercial communication methods used in semi-finished industrial goods market in South East European markets. <i>MATEC Web of Conferences</i> , 2019 , 290, 07013	0.3	
15	Model to Assess the Quality of Magmatic Rocks for Reliable and Sustainable Constructions. <i>Sustainability</i> , 2017 , 9, 1925	3.6	
14	Traffic Noise Pollution in a Historical City Center - Case Study Project within Environmental Engineering Field of Study. <i>Balkan Region Conference on Engineering and Business Education</i> , 2015 , 1, 289-296	0.1	
13	Smart Sustainable Development Approach and its Implementation in Engineering Organizations. <i>Applied Mechanics and Materials</i> , 2014 , 631-632, 1287-1290	0.3	
12	Web engineering and multi-criterion analysis of modeling languages used in production systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010 , 43, 345-348		
11	EXPLORING THE ROLE OF CORPORATE SOCIAL RESPONSIBILITY IN CONSUMER PURCHASE INTENTION. A STUDY FROM THE AGRICULTURE SECTOR. <i>INMATEH - Agricultural Engineering</i> , 2021 , 507-515	1.75	
10	A review of the impact of mining operations on sustainable development. <i>MATEC Web of Conferences</i> , 2022 , 354, 00075	0.3	
9	MODELLING THE SOURCE TERM FOR POLLUTANTS GENERATED FROM GALVANIC CELLS. <i>Environmental Engineering and Management Journal</i> , 2019 , 18, 907-920	0.6	
8	Occupational Hazards Management Using a Grey-Based Decision-Making Approach. <i>System Safety Human - Technical Facility - Environment</i> , 2019 , 1, 1-9	0.3	
7	Sustainable Logistics Concept Strategic Development Plan of the Timisoara International Airport. <i>Springer Proceedings in Business and Economics</i> , 2020 , 625-634	0.2	

- 6 Quantitative and Qualitative Methods as a Basis for Decision-Making. *International Conference KNOWLEDGE-BASED ORGANIZATION, 2020*, 26, 191-195 0
- 5 The Impact Of Carbon Footprinting In Romania. *Balkan Region Conference on Engineering and Business Education, 2014*, 1, 417-420
- 4 Sustainable Development and Technological Impact on CO2 Reducing Conditions in Romania **2016**, 35-59
- 3 Is organizational skill a will or a way to a successful lifestyle and workstyle?. *MATEC Web of Conferences, 2021*, 343, 11001 0.3
- 2 Industrial Symbiosis through the Use of Biosolids as Fertilizer in Romanian Agriculture. *Recycling, 2021*, 6, 59 3.2
- 1 An EDTS Perspective on the Social Security in Academia. *Revista Academiei pentru Științe Terestre, 2021*, 26, 356-362 0.3