

# Lucian Ionel Cioca

## 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.

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	A review of the impact of mining operations on sustainable development. <i>MATEC Web of Conferences</i> , <b>2022</b> , 354, 00075	0.3	
76	Environmental Regulations and CO2 Mitigation for Sustainability: Panel Data Analysis (PMG, CCEMG) for BRICS Nations. <i>Sustainability</i> , <b>2022</b> , 14, 72	3.6	5
75	Does Servant Leadership Promote Emotional Intelligence and Organizational Citizenship Behavior among Employees? A Structural Analysis. <i>Sustainability</i> , <b>2022</b> , 14, 5231	3.6	3
74	EXPLORING THE ROLE OF CORPORATE SOCIAL RESPONSIBILITY IN CONSUMER PURCHASE INTENTION. A STUDY FROM THE AGRICULTURE SECTOR. <i>INMATEH - Agricultural Engineering</i> , <b>2021</b> , 507-515	1.2	5
73	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> , <b>2021</b> , 13, 12805	3.6	1
72	Sustainability of Youth Careers in Romania: Study on the Correlation of Students' Personal Interests with the Selected University Field of Study. <i>Sustainability</i> , <b>2021</b> , 13, 229	3.6	3
71	Consumer Satisfaction towards Green Products: Empirical Insights from Romania. <i>Sustainability</i> , <b>2021</b> , 13, 10982	3.6	6
70	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> , <b>2021</b> , 18,	4.6	3
69	Selecting the Safest CNC Machining Workshop Using AHP and TOPSIS Approaches. <i>Safety</i> , <b>2021</b> , 7, 27	1.7	0
68	Proposed Environmental Risk Management Elements in a Carpathian Valley Basin, within the Romanian Montan-European Historical Mining Area. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	9
67	Conceptualizing Core Aspects on Circular Economy in Cities. <i>Sustainability</i> , <b>2021</b> , 13, 7549	3.6	9
66	Is organizational skill a will or a way to a successful lifestyle and workstyle?. <i>MATEC Web of Conferences</i> , <b>2021</b> , 343, 11001	0.3	
65	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> , <b>2021</b> , 28, 1127-1141	7	4
64	Optimal Solutions for the Use of Sewage Sludge on Agricultural Lands. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 585	3	7
63	Industrial Symbiosis through the Use of Biosolids as Fertilizer in Romanian Agriculture. <i>Recycling</i> , <b>2021</b> , 6, 59	3.2	
62	An EDTS Perspective on the Social Security in Academia. <i>Revista Academiei de Științe a României - Științe Sociale și Politice</i> , <b>2021</b> , 26, 356-362	0.3	
61	MQL-Assisted Hard Turning of AISI D2 Steel with Corn Oil: Analysis of Surface Roughness, Tool Wear, and Manufacturing Costs. <i>Metals</i> , <b>2021</b> , 11, 2058	2.3	6

60	Evaluating and prioritizing municipal solid waste management-related factors in Romania using fuzzy AHP and TOPSIS. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2020</b> , 38, 6111-6127	1.6	1
59	Hazards That Can Affect CNC Machine Tools during Operation An AHP Approach. <i>Safety</i> , <b>2020</b> , 6, 10	1.7	2
58	Enhancing Creativity: Using Visual Mnemonic Devices in the Teaching Process in Order to Develop Creativity in Students. <i>Sustainability</i> , <b>2020</b> , 12, 1985	3.6	5
57	Sustainable Logistics Concept Strategic Development Plan of the Timisoara International Airport. <i>Springer Proceedings in Business and Economics</i> , <b>2020</b> , 625-634	0.2	
56	Quantitative and Qualitative Methods as a Basis for Decision-Making. <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , <b>2020</b> , 26, 191-195	0	
55	INDUSTRIAL MARKETING 4.0 - UPGRADING THE INDUSTRIAL CUSTOMERS PATH TO THE DIGITAL ECONOMY. <i>Polish Journal of Management Studies</i> , <b>2020</b> , 22, 535-548	2.5	4
54	Occupational Accidents Assessment by Field of Activity and Investigation Model for Prevention and Control. <i>Safety</i> , <b>2019</b> , 5, 12	1.7	18
53	Evaluating Safety Systems for Machine Tools with Computer Numerical Control using Analytic Hierarchy Process. <i>Safety</i> , <b>2019</b> , 5, 14	1.7	7
52	Reducing the Risks during the Purchase of Five-Axis CNC Machining Centers Using AHP Method and Fuzzy Systems. <i>Sustainability</i> , <b>2019</b> , 11, 315	3.6	4
51	Managerial strategies of the personal values, used to improve engineers communication. <i>MATEC Web of Conferences</i> , <b>2019</b> , 290, 07004	0.3	2
50	Technical and commercial communication methods used in semi-finished industrial goods market in South East European markets. <i>MATEC Web of Conferences</i> , <b>2019</b> , 290, 07013	0.3	
49	MODELLING THE SOURCE TERM FOR POLLUTANTS GENERATED FROM GALVANIC CELLS. <i>Environmental Engineering and Management Journal</i> , <b>2019</b> , 18, 907-920	0.6	
48	Occupational Hazards Management Using a Grey-Based Decision-Making Approach. <i>System Safety Human - Technical Facility - Environment</i> , <b>2019</b> , 1, 1-9	0.3	
47	Sustainable Development Model for the Automotive Industry. <i>Sustainability</i> , <b>2019</b> , 11, 6447	3.6	12
46	Renewable sources and its applications awareness in educational institutions <b>2019</b> ,		1
45	Introduction of the circular economy within developing regions: A comparative analysis of advantages and opportunities for waste valorization. <i>Journal of Environmental Management</i> , <b>2019</b> , 230, 366-378	7.9	129
44	Agro-tourism and ranking <b>2018</b> ,		5
43	Selective Collection Quality Index for Municipal Solid Waste Management. <i>Sustainability</i> , <b>2018</b> , 10, 257	3.6	27

42	Studies and Investigation about the Attitude towards Sustainable Production, Consumption and Waste Generation in Line with Circular Economy in Romania. <i>Sustainability</i> , <b>2018</b> , 10, 865	3.6	43
41	Good Practices and Actions for Sustainable Municipal Solid Waste Management in the Tourist Sector. <i>Resources</i> , <b>2018</b> , 7, 51	3.7	15
40	ADAPTATION OF MANAGERIAL STYLE TO THE PERSONALITY OF ENGINEERS, IN ORDER TO INCREASE PERFORMANCE IN THE WORKPLACE. <i>Polish Journal of Management Studies</i> , <b>2018</b> , 17, 67-77	2.5	4
39	Environmental and managerial advantages of treatment plants exploiting biogas from food waste. <i>International Journal of Energy Production and Management</i> , <b>2018</b> , 3, 292-306	5.3	2
38	Risk Assessment in a Materials Recycling Facility: Perspectives for Reducing Operational Issues. <i>Resources</i> , <b>2018</b> , 7, 85	3.7	8
37	Circular economy and waste to energy <b>2018</b> ,		25
36	Workforce active ageing case study in a Romanian manufacturing company. <i>MATEC Web of Conferences</i> , <b>2017</b> , 121, 11014	0.3	1
35	Optimizing the Methodology of Characterization of Municipal Solid Waste in EU Under a Circular Economy Perspective. <i>Energy Procedia</i> , <b>2017</b> , 119, 72-85	2.3	30
34	Experiencing Urban Mining in an Italian Municipality towards a Circular Economy vision. <i>Energy Procedia</i> , <b>2017</b> , 119, 192-200	2.3	26
33	Research Regarding the Influence of Raw Material and Woven Fabric Geometry on the Air Permeability of Mattress. <i>Procedia Engineering</i> , <b>2017</b> , 181, 324-329		3
32	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> , <b>2017</b> , 121, 05006	0.3	14
31	Risk Indicators and Road Accident Analysis for the Period 2012-2016. <i>Sustainability</i> , <b>2017</b> , 9, 1530	3.6	18
30	Model to Assess the Quality of Magmatic Rocks for Reliable and Sustainable Constructions. <i>Sustainability</i> , <b>2017</b> , 9, 1925	3.6	
29	GREENHOUSE EFFECT REDUCTION THROUGH MINE METHANE VALORIZATION: OVERVIEW AND FEASIBILITY STUDY. <i>Environmental Engineering and Management Journal</i> , <b>2017</b> , 16, 1257-1262	0.6	1
28	SPONTANEOUS COMBUSTION RISK ANALYSIS IN SUBSURFACE ENVIRONMENTS: CARBON MONOXIDE DATA PROCESSING TOOL. <i>Environmental Engineering and Management Journal</i> , <b>2017</b> , 16, 1317-1322	0.6	1
27	Research Regarding the Influence of Raw Material and Knitted Fabric Geometry on the Tensile Strength and Breaking Elongation. <i>Procedia Technology</i> , <b>2016</b> , 22, 60-67		3
26	Biochemical methane potential assays to test the biogas production from the anaerobic digestion of sewage sludge and other organic matrices <b>2016</b> ,		8
25	Sustainable Development and Technological Impact on CO2 Reducing Conditions in Romania <b>2016</b> , 35-59		

24	How Supportive Are Romanian Consumers of the Circular Economy Concept: A Survey. <i>Sustainability</i> , <b>2016</b> , 8, 789	3.6	31
23	Respirometric Index and Biogas Potential of Different Foods and Agricultural Discarded Biomass. <i>Sustainability</i> , <b>2016</b> , 8, 1311	3.6	9
22	Warehouse Threats and Loss Prevention Management in Case of Fire. <i>Procedia Technology</i> , <b>2016</b> , 22, 1028-1034		2
21	Conceptualization and Examination of Success Factors in the Banking System. <i>Procedia Economics and Finance</i> , <b>2016</b> , 39, 679-684		6
20	Sustainable Development and Technological Impact on CO2 Reducing Conditions in Romania. <i>Sustainability</i> , <b>2015</b> , 7, 1637-1650	3.6	58
19	Treatment and disposal of tyres: Two EU approaches. A review. <i>Waste Management</i> , <b>2015</b> , 45, 152-60	8.6	167
18	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> , <b>2015</b> , 1, 289-296	0.1	
17	Functionalization of a bamboo knitted fabric using air plasma treatment for the improvement of microcapsules embedding. <i>Journal of the Textile Institute</i> , <b>2015</b> , 106, 119-132	1.5	10
16	Integrating Risk Analysis With Safety Diagnostic In Complex Industrial Systems: Modeling Hazard. <i>ACTA Universitatis Cibiniensis</i> , <b>2015</b> , 66, 17-22		2
15	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> , <b>2015</b> , 14, 2537-2544	0.6	17
14	THE IMPACT OF TRAFFIC RELATED POLLUTION ON AIR QUALITY IN SIBIU REGION. <i>Environmental Engineering and Management Journal</i> , <b>2015</b> , 14, 2637-2642	0.6	0
13	Advancing Sustainable Engineering Practice Through Education and Undergraduate Research Projects <b>2014</b> ,		2
12	Smart Sustainable Development Approach and its Implementation in Engineering Organizations. <i>Applied Mechanics and Materials</i> , <b>2014</b> , 631-632, 1287-1290	0.3	
11	IT Technology Implications Analysis on the Occupational Risk: Cloud Computing Architecture. <i>Procedia Technology</i> , <b>2014</b> , 16, 1548-1559		3
10	RATIONALE AND CRITERIA DEVELOPMENT FOR RISK ASSESSMENT TOOL SELECTION IN WORK ENVIRONMENTS. <i>Environmental Engineering and Management Journal</i> , <b>2014</b> , 13, 1371-1376	0.6	17
9	The Impact Of Carbon Footprinting In Romania. <i>Balkan Region Conference on Engineering and Business Education</i> , <b>2014</b> , 1, 417-420		
8	Machine Learning and Creative Methods Used to Classify Customers in a CRM Systems. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 371, 769-773	0.3	5
7	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> , <b>2012</b> , 57, 53-60		19

- 6 Decision Support System for Manufacturing Processes Reengineering based upon Fuzzy Logic Techniques. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2012**, 45, 1111-1116 <sup>1</sup>
- 5 Web engineering and multi-criterion analysis of modeling languages used in production systems. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2010**, 43, 345-348
- 4 Infrastructure and system programming for digital ecosystems used in natural disaster management **2009**, 2
- 3 **2008**, 8
- 2 Spatial [Elements] Decision Support System Used in Disaster Management **2007**, 8
- 1 Multi-criterion analysis of reference architectures and modeling languages used in production systems modeling 2