

# Circular economy indicators: What do they measure?

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Resources Sustainability through Material Efficiency Strategies: An Insight Study of Electrical and Electronic Companies. Resources, 2019, 8, 117.	3.5	6
2	Towards sustainable development through the circular economy – A review and critical assessment on current circularity metrics. Resources, Conservation and Recycling, 2019, 151, 104498.	10.8	422
3	Fruit Seeds as Sources of Bioactive Compounds: Sustainable Production of High Value-Added Ingredients from By-Products within Circular Economy. Molecules, 2019, 24, 3854.	3.8	83
4	A versatile approach to assess circularity: The case of decoupling. Journal of Cleaner Production, 2019, 240, 118174.	9.3	13
5	Measuring the environmental sustainability of a circular economy. Environmental and Sustainability Indicators, 2019, 1-2, 100005.	3.3	92
6	Developing a circular strategies framework for manufacturing companies to support circular economy-oriented innovation. Journal of Cleaner Production, 2019, 241, 118271.	9.3	157
7	Towards a more direct policy feedback in circular economy monitoring via a societal needs perspective. Resources, Conservation and Recycling, 2019, 149, 363-371.	10.8	41
8	Efficiency in waste management companies: A proposal to assess scale economies. Resources, Conservation and Recycling, 2019, 148, 124-131.	10.8	19
9	Twitter Analysis of Global Communication in the Field of Sustainability. Sustainability, 2019, 11, 6958.	3.2	42
10	Overcoming the Main Barriers of Circular Economy Implementation through a New Visualization Tool for Circular Business Models. Sustainability, 2019, 11, 6614.	3.2	94
11	Biofuel Application as a Factor of Sustainable Development Ensuring: The Case of Russia. Energies, 2019, 12, 3948.	3.1	9
12	Circular economy indicators for organizations considering sustainability and business models: Plastic, textile and electro-electronic cases. Journal of Cleaner Production, 2020, 247, 119137.	9.3	149
13	Circular literacy. A knowledge-based approach to the circular economy. Culture and Organization, 2020, 26, 121-141.	0.8	30
14	Measuring the performance of more circular complex product supply chains. Resources, Conservation and Recycling, 2020, 154, 104608.	10.8	48
15	Diagnosis of circular economy in the forest sector in southern Brazil. Science of the Total Environment, 2020, 706, 135973.	8.0	19
16	Circular Economy and Economic Development in the European Union: A Review and Bibliometric Analysis. Sustainability, 2020, 12, 7767.	3.2	23
17	Circular Economy Model Enhanced by Intelligent Assets from Industry 4.0: The Proposition of an Innovative Tool to Analyze Case Studies. Sustainability, 2020, 12, 7147.	3.2	49
18	Development of a New Green Indicator and Its Implementation in a Cyber-Physical System for a Green Supply Chain. Sustainability, 2020, 12, 8629.	3.2	27

#	ARTICLE	IF	CITATIONS
19	To what extent do circular economy indicators capture sustainability?. <i>Procedia CIRP</i> , 2020, 90, 31-36.	1.9	18
20	Assessing Resources Management for Sharing Economy in Urban Logistics. <i>Resources</i> , 2020, 9, 113.	3.5	8
21	A Socio-economic Indicator for EoL Strategies for Bio-based Products. <i>Ecological Economics</i> , 2020, 178, 106794.	5.7	37
22	Towards a circularity indicator to assess products' materials and lifetime: In-use occupation. <i>Procedia CIRP</i> , 2020, 90, 10-13.	1.9	6
23	The role of technological innovation in plastic production within a circular economy framework. <i>Resources, Conservation and Recycling</i> , 2020, 163, 105094.	10.8	44
24	Water Cycle and Circular Economy: Developing a Circularity Assessment Framework for Complex Water Systems. <i>Water Research</i> , 2020, 187, 116423.	11.3	58
25	A government value compensation model of waste recycling in an industrial park: A game theory approach. <i>Journal of Cleaner Production</i> , 2020, 275, 122976.	9.3	12
26	Assessing scaling effects of circular economy strategies: A case study on plastic bottle closed-loop recycling in the USA PET market. <i>Resources, Conservation and Recycling</i> , 2020, 162, 105013.	10.8	82
27	Empowering Sustainable Consumer Behavior in the EU by Consolidating the Roles of Waste Recycling and Energy Productivity. <i>Sustainability</i> , 2020, 12, 9794.	3.2	14
28	Circular Economy in Mexico's Electronic and Cell Phone Industry: Recent Evidence of Consumer Behavior. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7744.	2.5	15
29	Circular economy. The Greek industry leaders' way towards a transformational shift. <i>Resources, Conservation and Recycling</i> , 2020, 163, 105092.	10.8	17
30	Towards a value stream perspective of circular business models. <i>Resources, Conservation and Recycling</i> , 2020, 162, 105060.	10.8	37
31	Promoting the Circular Economy of Concrete Through Innovation in Asphalt Pavements. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 503, 012018.	0.3	1
32	Spaceship earth's odyssey to a circular economy - a century long perspective. <i>Resources, Conservation and Recycling</i> , 2020, 163, 105076.	10.8	81
33	Sustainability Driven Performance Evaluation of Underground Smart Grid Conversion. , 2020, , .		0
34	Investigating the interplays between integrated reporting practices and circular economy disclosure. <i>International Journal of Productivity and Performance Management</i> , 2021, 70, 2001-2031.	3.7	21
35	A Heuristic Approach to the Decision-Making Process of Energy Prosumers in a Circular Economy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6869.	2.5	11
36	Perspectives of Circular Economy in Romanian Space. <i>Sustainability</i> , 2020, 12, 6819.	3.2	13

#	ARTICLE	IF	CITATIONS
37	European environment policy for the circular economy: Implications for business and industry stakeholders. <i>Sustainable Development</i> , 2020, 28, 1804-1812.	12.5	113
38	Emerging Tools for Energy System Design Increasing Economic and Environmental Sustainability. <i>Energies</i> , 2020, 13, 4062.	3.1	14
39	A Materials Bank for Circular Leuven: How to Monitor "Messy" Circular City Transition Projects. <i>Sustainability</i> , 2020, 12, 10351.	3.2	17
40	Biopolymers obtained from orange waste based on a decision tree. , 2020, , .		0
41	A New Mindset for Circular Economy Strategies: Case Studies of Circularity in the Use of Water. <i>Sustainability</i> , 2020, 12, 9781.	3.2	13
42	Statistical Evaluation of the Level of Development of Circular Economy in European Union Member Countries. <i>Energies</i> , 2020, 13, 6401.	3.1	17
43	Methodology for Dimensioning the Socio-Economic Impact of Power-to-Gas Technologies in a Circular Economy Scenario. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7907.	2.5	6
45	How Circular Are the European Economies? A Taxonomic Analysis Based on the INEC (Index of National) Tj ETQq1 1,0784314 rgBT /Ove	3.2	19
46	Circular Economy Innovation and Environmental Sustainability Impact on Economic Growth: An Integrated Model for Sustainable Development. <i>Sustainability</i> , 2020, 12, 4831.	3.2	184
47	Recycling rate "The only practical metric for a circular economy?". <i>Waste Management</i> , 2020, 113, 319-320.	7.4	26
48	A Critical Review of Academic Approaches, Methods and Tools to Assess Circular Economy at the Micro Level. <i>Sustainability</i> , 2020, 12, 4973.	3.2	96
49	Nature-based solutions as enablers of circularity in water systems: A review on assessment methodologies, tools and indicators. <i>Water Research</i> , 2020, 183, 115988.	11.3	72
50	Radiation-Induced Chemistry of Carbon Dioxide: A Pathway to Close the Carbon Loop for a Circular Economy. <i>Frontiers in Energy Research</i> , 2020, 8, .	2.3	10
51	Importance of Sustainable Mineral Resource Management in Implementing the Circular Economy (CE) Model and the European Green Deal Strategy. <i>Resources</i> , 2020, 9, 55.	3.5	79
52	What, where, and how measuring industrial symbiosis: A reasoned taxonomy of relevant indicators. <i>Resources, Conservation and Recycling</i> , 2020, 157, 104799.	10.8	45
53	Anthropization and Growth of the Electricity Grid as Variables for the Analysis of Urban Infrastructure. <i>Sustainability</i> , 2020, 12, 1486.	3.2	5
54	Biodegradable and non-biodegradable fraction of municipal solid waste for multifaceted applications through a closed loop integrated refinery platform: Paving a path towards circular economy. <i>Science of the Total Environment</i> , 2020, 731, 138049.	8.0	78
55	Transformation towards Circular Economy (CE) in Municipal Waste Management System: Model Solutions for Poland. <i>Sustainability</i> , 2020, 12, 4561.	3.2	58

#	ARTICLE	IF	CITATIONS
56	Achieving sustainable aquaculture: Historical and current perspectives and future needs and challenges. <i>Journal of the World Aquaculture Society</i> , 2020, 51, 578-633.	2.4	271
57	Waste management challenges in transition to circular economy – Case of Croatia. <i>Journal of Cleaner Production</i> , 2020, 256, 120495.	9.3	132
58	Environmental management capabilities for a “circular eco-innovation”. <i>Business Strategy and the Environment</i> , 2020, 29, 1850-1864.	14.3	103
59	A review of environmental impact indicators of cultural heritage buildings: a circular economy perspective. <i>Environmental Research Letters</i> , 2020, 15, 043003.	5.2	39
60	A Procedure to Support Systematic Selection of Leading Indicators for Sustainability Performance Measurement of Circular Economy Initiatives. <i>Sustainability</i> , 2020, 12, 951.	3.2	36
61	Circular economy: Preserving materials or products? Introducing the Resource States framework. <i>Resources, Conservation and Recycling</i> , 2020, 156, 104698.	10.8	60
62	Empirical assessment of the circular economy of selected European countries. <i>Journal of Cleaner Production</i> , 2020, 255, 120246.	9.3	52
63	Will Electric Vehicles Be Killed (again) or Are They the Next Mobility Killer App?. <i>Energies</i> , 2020, 13, 1828.	3.1	21
64	Alternative method of composting on a reclaimed municipal waste landfill in accordance with the circular economy: Benefits and risks. <i>Science of the Total Environment</i> , 2020, 723, 137971.	8.0	42
65	Circular Economy Concept in the Context of Economic Development in EU Countries. <i>Sustainability</i> , 2020, 12, 3060.	3.2	96
66	Towards circular cities – Conceptualizing core aspects. <i>Sustainable Cities and Society</i> , 2020, 59, 102143.	10.4	90
67	A systematic review for measuring circular economy: The 61 indicators. <i>Journal of Cleaner Production</i> , 2021, 281, 124942.	9.3	156
68	Critical success and risk factors for circular business models valorising agricultural waste and by-products. <i>Resources, Conservation and Recycling</i> , 2021, 165, 105236.	10.8	112
69	Food waste measurement toward a fair, healthy and environmental-friendly food system: a critical review. <i>British Food Journal</i> , 2021, 123, 2907-2935.	2.9	61
70	Environmental performance scenarios in the production of hollow glass containers for food packaging: an LCA approach. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 785-798.	4.7	17
71	Advancing circular economy performance indicators and their application in Spanish companies. <i>Journal of Cleaner Production</i> , 2021, 279, 123605.	9.3	73
72	Circularity for circularity's sake? Scoping review of assessment methods for environmental performance in the circular economy.. <i>Sustainable Production and Consumption</i> , 2021, 26, 172-186.	11.0	194
73	Disruption in Circularity? Impact analysis of COVID-19 on ship recycling using Weibull tonnage estimation and scenario analysis method. <i>Resources, Conservation and Recycling</i> , 2021, 164, 105139.	10.8	39

#	ARTICLE	IF	CITATIONS
74	Alleviating soil degradation caused by watermelon continuous cropping obstacle: Application of urban waste compost. <i>Chemosphere</i> , 2021, 262, 128387.	8.2	45
75	Social circular economy indicators: Selection through fuzzy delphi method. <i>Sustainable Production and Consumption</i> , 2021, 26, 101-110.	11.0	120
76	A review on European Union's strategy for plastics in a circular economy and its impact on food safety. <i>Journal of Cleaner Production</i> , 2021, 283, 125263.	9.3	155
77	Sustainability assessment of circular economy over time: Modelling of finite and variable loops & impact distribution among related products. <i>Resources, Conservation and Recycling</i> , 2021, 168, 105319.	10.8	26
78	Development of circularity indicators based on the in-use occupation of materials. <i>Journal of Cleaner Production</i> , 2021, 279, 123889.	9.3	18
79	Circular economy metrics: Literature review and company-level classification framework. <i>Journal of Cleaner Production</i> , 2021, 288, 125090.	9.3	107
80	Analysing European Union circular economy policies: words versus actions. <i>Sustainable Production and Consumption</i> , 2021, 27, 337-353.	11.0	182
81	A systems thinking approach to understanding the challenges of achieving the circular economy. <i>Environmental Science and Pollution Research</i> , 2021, 28, 24785-24806.	5.3	67
82	Sustainability assessment in circular inter-firm networks: An integrated framework of industrial ecology and circular supply chain management approaches. <i>Journal of Cleaner Production</i> , 2021, 286, 125457.	9.3	56
83	The circular chemistry conceptual framework: A way forward to sustainability in industry 4.0. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 28, 100434.	5.9	42
84	Urban and industrial symbiosis for circular economy: Total EcoSite Integration. <i>Journal of Environmental Management</i> , 2021, 279, 111829.	7.8	43
85	An evaluation of the economic and green market utility in a circular economy. <i>E3S Web of Conferences</i> , 2021, 255, 01038.	0.5	0
86	Thematic exploration of sectoral and cross-cutting challenges to circular economy implementation. <i>Clean Technologies and Environmental Policy</i> , 2021, 23, 915-936.	4.1	31
87	Advancement of Circular Economy. <i>Advances in Finance, Accounting, and Economics</i> , 2021, , 194-218.	0.3	0
88	Value Stream Mapping (VSM) to Evaluate and Visualize Interrelated Process-Chains Regarding Circular Economy. <i>IFIP Advances in Information and Communication Technology</i> , 2021, , 534-542.	0.7	2
89	Circular economy management in business organizations using digital technologies. <i>Serbian Journal of Engineering Management</i> , 2021, 6, 22-29.	0.5	3
91	Environmental Trade-Offs of Downcycling in Circular Economy: Combining Life Cycle Assessment and Material Circularity Indicator to Inform Circularity Strategies for Alkaline Batteries. <i>Sustainability</i> , 2021, 13, 1040.	3.2	24
92	Overcoming Current Challenges for Circular Economy Assessment Implementation in Public Sector Organisations. <i>Sustainability</i> , 2021, 13, 1182.	3.2	23

#	ARTICLE	IF	CITATIONS
93	Infrastructure Life Cycle and Circular Economy in Construction: An European Approach. Encyclopedia of the UN Sustainable Development Goals, 2021, , 600-619.	0.1	0
94	Do We Need a New Sustainability Assessment Method for the Circular Economy? A Critical Literature Review. Frontiers in Sustainability, 2021, 1, .	2.6	70
95	Using life cycle assessment to achieve a circular economy. International Journal of Life Cycle Assessment, 2021, 26, 215-220.	4.7	106
96	Current Waste Management Status and Trends in Russian Federation: Case Study on Industrial Symbiosis. , 2021, , 1-27.		3
97	Bridging product life cycle gaps in LCA & LCC towards a circular economy. Procedia CIRP, 2021, 98, 354-357.	1.9	4
98	Exploration of decision-contexts for circular economy in automotive industry. Procedia CIRP, 2021, 98, 19-24.	1.9	6
100	You can't manage what you can't measure: The potential for circularity in Grenada's waste management system. Resources, Conservation and Recycling, 2021, 164, 105170.	10.8	27
101	Circular Economy: New Opportunities for Growth. Eurasian Studies in Business and Economics, 2021, , 339-357.	0.4	1
102	What Key Drivers Are Needed to Implement Material Efficiency Strategies? An Analysis of the Electrical and Electronic Industry in Malaysia and Its Implications to Practitioners. Sustainability, 2021, 13, 2065.	3.2	3
103	Quantifying longevity and circularity of copper for different resource efficiency policies at the material and product levels. Journal of Industrial Ecology, 2021, 25, 979-993.	5.5	15
104	Classification criteria and markers for biomimetic building envelope within circular economy principles: a critical review. Architectural Engineering and Design Management, 2022, 18, 387-409.	1.7	1
105	Three-dimensional product circularity. Journal of Industrial Ecology, 2021, 25, 824-833.	5.5	21
107	Management of plastic waste: A bibliometric mapping and analysis. Waste Management and Research, 2021, 39, 664-678.	3.9	44
108	<scp>Co-development</scp> of a framework for circular economy assessment in organisations: Learnings from the public sector. Corporate Social Responsibility and Environmental Management, 2021, 28, 1715-1729.	8.7	17
109	Policy narratives of circular economy in the EU â€“ Assessing the embeddedness of water and land in national action plans. Journal of Cleaner Production, 2021, 288, 125685.	9.3	31
110	Combining LCA and circularity assessments in complex production systems: the case of urban agriculture. Resources, Conservation and Recycling, 2021, 166, 105359.	10.8	35
111	The role of design in circular economy solutions for critical materials. One Earth, 2021, 4, 353-362.	6.8	57
112	Urban Circular Economy in China: A Review Based on Chinese Literature Studies. Complexity, 2021, 2021, 1-10.	1.6	4

#	ARTICLE	IF	CITATIONS
113	Circular economy as a strategic option to promote sustainable economic growth and effective human development. <i>Journal of International Studies</i> , 2021, 14, 60-73.	1.9	36
114	Spark plasma sintering of dense alumina ceramics from industrial waste scraps. <i>Open Ceramics</i> , 2021, 5, 100076.	2.0	4
115	Measuring circularity: an application of modified Material Circularity Indicator to agricultural systems. <i>Agricultural and Food Economics</i> , 2021, 9, .	3.2	31
116	Recent Trends in Sustainable Remediation of Pb-Contaminated Shooting Range Soils: Rethinking Waste Management within a Circular Economy. <i>Processes</i> , 2021, 9, 572.	2.8	5
117	Envisioning a Circular Economy: The Journey of One Mid-Sized Midwestern City. <i>Sustainability</i> , 2021, 13, 3157.	3.2	4
118	Circular Economy and the Transition to a Sustainable Society: Integrated Assessment Methods for a New Paradigm. <i>Circular Economy and Sustainability</i> , 2021, 1, 99-113.	5.5	42
119	A circular economic approach to the phytoextraction of Zn from basic oxygen steelmaking filtercake using <i>Lemna minor</i> and CO <sub>2</sub> . <i>Science of the Total Environment</i> , 2021, 766, 144256.	8.0	5
120	Indicators for Ex-Post Evaluation of Cultural Heritage Adaptive Reuse Impacts in the Perspective of the Circular Economy. <i>Sustainability</i> , 2021, 13, 4759.	3.2	23
121	Life cycle impact assessment methods for estimating the impacts of dissipative flows of metals. <i>Journal of Industrial Ecology</i> , 2021, 25, 1177-1193.	5.5	17
122	A new circular economy framework for construction projects. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2021, 174, 304-315.	0.7	6
123	Constructed Technosols: A Strategy toward a Circular Economy. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3432.	2.5	8
124	How circular is current design practice? Investigating perspectives across industrial design and architecture in the transition towards a circular economy. <i>Sustainable Production and Consumption</i> , 2021, 26, 692-708.	11.0	61
125	Exploring Social Dynamics of Hard-Disk Drives Circularity with an Agent-Based Approach. , 2021, , .		2
126	Co-creating a Vision and Roadmap for Circular Economy in the Food and Beverages Packaging Sector. <i>Circular Economy and Sustainability</i> , 2021, 1, 873-893.	5.5	6
127	Towards sustainable resource management: identification and quantification of human actions that compromise the accessibility of metal resources. <i>Resources, Conservation and Recycling</i> , 2021, 167, 105403.	10.8	30
128	First Steps Toward Sustainable Circular Uses of Chemicals: Advancing the Assessment and Management Paradigm. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6939-6951.	6.7	30
129	Circular Economy Matchmaking Framework for Future Marketplace Deployment. <i>Sustainability</i> , 2021, 13, 5668.	3.2	5
130	Selection and evaluation of a septage management concept for islands: The case study of BraÅ•Island. <i>Journal of Environmental Management</i> , 2021, 285, 112128.	7.8	3



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131	Material flow analysis and sustainability of the Italian meat industry. <i>Journal of Cleaner Production</i> , 2021, 299, 126902.	9.3	32
132	Generic Product Lifecycle Model: A Holistic and Adaptable Approach for Multi-Disciplinary Product-Service Systems. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4516.	2.5	11
133	TRENDS OF MUNICIPAL WASTE FLOWS, COMPOSITION, TREATMENT IN LITHUANIA AND ITS REGIONS. , 0, , .		2
134	Energy Refurbishment of Family Houses in Serbia in Line with the Principles of Circular Economy. <i>Sustainability</i> , 2021, 13, 5463.	3.2	3
135	A review of the circularity gap in the construction industry through scientometric analysis. <i>Journal of Cleaner Production</i> , 2021, 298, 126870.	9.3	54
136	The Circular Economy Lifecycle Assessment and Visualization Framework: A Case Study of Wind Blade Circularity in Texas. <i>Frontiers in Sustainability</i> , 2021, 2, .	2.6	8
137	Insights into circular economy indicators: Emphasizing dimensions of sustainability. <i>Environmental and Sustainability Indicators</i> , 2021, 10, 100119.	3.3	16
138	Assessing agro-food system circularity using nutrient flows and budgets. <i>Journal of Environmental Management</i> , 2021, 288, 112383.	7.8	24
139	An integrated approach of PCA and PROMETHEE in spatial assessment of circular economy indicators. <i>Waste Management</i> , 2021, 128, 154-166.	7.4	36
140	The Adoption of Circular Economy Principles in the Hotel Industry. <i>GATR Journal of Business and Economics Review</i> , 2021, 6, 92-97.	0.2	2
141	The Sustainability of Waste Management Models in Circular Economies. <i>Sustainability</i> , 2021, 13, 7105.	3.2	16
142	Circular economy monitoring – How to make it apt for biological cycles?. <i>Resources, Conservation and Recycling</i> , 2021, 170, 105563.	10.8	40
143	A strategic measurement framework to monitor and evaluate circularity performance in organizations from a transition perspective. <i>Sustainable Production and Consumption</i> , 2021, 27, 1165-1182.	11.0	21
144	Circular economy for phosphorus supply chain and its impact on social sustainable development goals. <i>Science of the Total Environment</i> , 2021, 777, 146060.	8.0	57
145	Comparing the convergence and divergence within industrial ecology, circular economy, and the energy-water-food nexus based on resource management objectives. <i>Sustainable Production and Consumption</i> , 2021, 27, 1743-1761.	11.0	31
146	Ganzheitliche Betrachtung in der Materialentwicklung: Wasser-Elektrolyse als Fallbeispiel. <i>Angewandte Chemie</i> , 2021, 133, 20254-20260.	2.0	7
147	Conceptualizing Core Aspects on Circular Economy in Cities. <i>Sustainability</i> , 2021, 13, 7549.	3.2	31
148	A circular economy business model innovation process for the electrical and electronic equipment sector. <i>Journal of Cleaner Production</i> , 2021, 305, 127211.	9.3	35

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149	Regulating the circular economy within the ecodesign directive: Progress so far, methodological challenges and outlook. <i>Sustainable Production and Consumption</i> , 2021, 27, 1113-1123.	11.0	22
150	Quantitative Sustainability Assessment of Flow Chemistry—From Simple Metrics to Holistic Assessment. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9508-9540.	6.7	38
151	Circular economy in corporate sustainability reporting: A review of organisational approaches. <i>Business Strategy and the Environment</i> , 2021, 30, 4015-4036.	14.3	56
152	Holistic View on Materials Development: Water Electrolysis as a Case Study. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20094-20100.	13.8	15
153	An Innovative Strategy Allowing a Holistic System Change towards Circular Economy within Supply-Chains. <i>Energies</i> , 2021, 14, 4375.	3.1	9
154	Core Elements towards Circularity: Evidence from the European Countries. <i>Sustainability</i> , 2021, 13, 8742.	3.2	3
155	A Critical Review of EU Key Indicators for the Transition to the Circular Economy. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8840.	2.6	31
156	Validating Circular Performance Indicators: The Interface between Circular Economy and Stakeholders. <i>Water (Switzerland)</i> , 2021, 13, 2198.	2.7	11
157	Wheat-straw derived bioethanol production: A review of Life Cycle Assessments. <i>Science of the Total Environment</i> , 2021, 781, 146751.	8.0	42
158	Circular economy indicators and levels of innovation: an innovative systematic literature review. <i>International Journal of Productivity and Performance Management</i> , 2021, ahead-of-print, .	3.7	9
159	Circular economy-induced global employment shifts in apparel value chains: Job reduction in apparel production activities, job growth in reuse and recycling activities. <i>Resources, Conservation and Recycling</i> , 2021, 171, 105621.	10.8	57
160	Policies as Drivers for Circular Economy in the Construction Sector in the Nordics. <i>Sustainability</i> , 2021, 13, 9350.	3.2	9
161	An analysis of European Union's circular economy indicators with focus on materials: implications for the manufacturing industry. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1169, 012011.	0.6	1
162	The mediating role of functionality orientation for purchasing remanufactured products: Cases in China, Indonesia, and Thailand. <i>Journal of Industrial Ecology</i> , 2022, 26, 536-547.	5.5	5
163	Impact of uncertainty in technological cycle on circular economy: Bio-based jet fuel range alkenes and pentanediols production. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 104, 356-361.	5.8	6
164	A review of circularity and sustainability in anaerobic digestion processes. <i>Journal of Environmental Management</i> , 2021, 291, 112695.	7.8	19
165	The Green Blockchains of Circular Economy. <i>Electronics (Switzerland)</i> , 2021, 10, 2008.	3.1	10
166	Exploring the effectiveness of grey literature indicators and life cycle assessment in assessing circular economy at the micro level: a comparative analysis. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 2171-2191.	4.7	19

#	ARTICLE	IF	CITATIONS
167	Mapping and assessing indicator-based frameworks for monitoring circular economy development at the city-level. <i>Sustainable Cities and Society</i> , 2021, 75, 103378.	10.4	36
168	A circularity-based quality assessment tool to classify the core for recovery businesses. <i>International Journal of Production Research</i> , 2022, 60, 5835-5853.	7.5	3
169	Does circular economy performance lead to sustainable development? â€œ A systematic literature review. <i>Journal of Environmental Management</i> , 2021, 293, 112811.	7.8	67
170	Circular economy: advancement of European Union countries. <i>Environmental Sciences Europe</i> , 2021, 33, .	5.5	67
171	Unraveling how the concept of circularity relates to sustainability: An indicator-based meta-analysis applied at the urban scale. <i>Journal of Cleaner Production</i> , 2021, 315, 128070.	9.3	12
172	Conceptualizing and enabling circular economy through integrated thinking. <i>Corporate Social Responsibility and Environmental Management</i> , 2022, 29, 448-468.	8.7	28
173	Role of the social factors in success of solar photovoltaic reuse and recycle programmes. <i>Nature Energy</i> , 2021, 6, 913-924.	39.5	57
174	Integrating the green economy, circular economy and bioeconomy in a strategic sustainability framework. <i>Ecological Economics</i> , 2021, 188, 107143.	5.7	120
175	Blockchain and renewable energy: Integration challenges in circular economy era. <i>Renewable Energy</i> , 2021, 176, 183-197.	8.9	91
176	A review of LED lamp recycling process from the 10 R strategy perspective. <i>Sustainable Production and Consumption</i> , 2021, 28, 1178-1191.	11.0	19
177	Assessment of circular economy enablers: Hybrid ISM and fuzzy MICMAC approach. <i>Journal of Cleaner Production</i> , 2021, 317, 128387.	9.3	31
178	Sustainable development and sharing economy: A bibliometric analysis. <i>Problems and Perspectives in Management</i> , 2021, 19, 1-19.	1.4	8
179	Food waste recycling for compost production and its economic and environmental assessment as circular economy indicators of solid waste management. <i>Journal of Cleaner Production</i> , 2021, 317, 128467.	9.3	58
180	A systemic framework to categorize Circular Economy interventions: An application to the construction and demolition sector. <i>Resources, Conservation and Recycling</i> , 2021, 173, 105711.	10.8	24
181	An introduction to circular economy and sustainability: Some existing lessons and future directions. <i>Sustainable Production and Consumption</i> , 2021, 28, 600-609.	11.0	69
182	Which region and which sector leads the circular economy? CEBIX, a multivariant index based on business actions. <i>Journal of Environmental Management</i> , 2021, 297, 113299.	7.8	18
183	Integration of the circular economy paradigm under the just and safe operating space narrative: Twelve operational principles based on circularity, sustainability and resilience. <i>Journal of Cleaner Production</i> , 2021, 322, 129071.	9.3	31
184	An analytical review on application of life cycle assessment in circular economy for built environment. <i>Journal of Building Engineering</i> , 2021, 44, 103374.	3.4	27

#	ARTICLE	IF	CITATIONS
185	Complementing circular economy with life cycle assessment: Deeper understanding of economic, social, and environmental sustainability. , 2022, , 145-160.		6
186	A triple-level framework to evaluate the level of involvement of firms in the circular economy (CE). , 2022, , 107-126.		2
187	Defining the CE: A Review of Definitions, Taxonomies and Classifications. Green Energy and Technology, 2021, , 41-71.	0.6	0
188	Circular Economy Metrics for the Photo-High-p,T Continuous Multistep Synthesis of Vitamin D<sub>3</sub>. ACS Sustainable Chemistry and Engineering, 2021, 9, 1867-1879.	6.7	11
189	Circular Economy Strategies for Equipment Lifetime Extension: A Systematic Review. Sustainability, 2021, 13, 1117.	3.2	28
190	Combining Life Cycle Assessment and Circularity Assessment to Analyze Environmental Impacts of the Medical Remanufacturing of Electrophysiology Catheters. Sustainability, 2021, 13, 898.	3.2	28
191	Achieving Circular Economy Via the Adoption of Industry 4.0 Technologies: A Knowledge Management Perspective. Knowledge Management and Organizational Learning, 2020, , 163-178.	0.5	11
192	Phosphorus and energy flows through the food system of Brussels Capital Region. Resources, Conservation and Recycling, 2020, 156, 104687.	10.8	21
193	Transition towards a circular economy at a regional level: A case study on closing biological loops. Resources, Conservation and Recycling, 2020, 156, 104716.	10.8	65
194	Circular economy in plastic waste - Efficiency analysis of European countries. Science of the Total Environment, 2020, 730, 139038.	8.0	62
195	Saving resources and the climate? A systematic review of the circular economy and its mitigation potential. Environmental Research Letters, 2020, 15, 123001.	5.2	51
196	The future of circular environmental impact indicators for cultural heritage buildings in Europe. Environmental Sciences Europe, 2020, 32, .	5.5	17
197	The Circular Economy in the Standardized Management System. Amfiteatru Economic, 2019, 21, 871.	2.1	9
198	Circular Economy in China: Translating Principles into Practice. Sustainability, 2020, 12, 832.	3.2	49
199	Green and Sustainable Public Procurement—An Instrument for Nudging Consumer Behavior. A Case Study on Romanian Green Public Agriculture across Different Sectors of Activity. Sustainability, 2021, 13, 12.	3.2	17
200	Circular Economy in Energizing Smart Cities. Advances in Business Strategy and Competitive Advantage Book Series, 2020, , 251-269.	0.3	12
201	CIRCULAR ECONOMY AND INNOVATIVE ENTREPRENEURSHIP, PREREQUISITES FOR SOCIAL PROGRESS. Journal of Business Economics and Management, 2021, 22, 1342-1359.	2.4	29
202	How do companies measure and forecast environmental impacts when experimenting with circular business models?. Sustainable Production and Consumption, 2022, 29, 273-285.	11.0	36

#	ARTICLE	IF	CITATIONS
203	Applications of Blockchain Technology for a Circular Economy with Focus on Singapore. Environmental Footprints and Eco-design of Products and Processes, 2022, , 151-178.	1.1	1
204	Integrating Industry 4.0 and circular economy: a review. Journal of Enterprise Information Management, 2022, 35, 885-917.	7.5	21
205	Theoretical Research on Circular Economy and Sustainability Trade-Offs and Synergies. Sustainability, 2021, 13, 11636.	3.2	14
206	The circular economy and the Green Jobs creation. Environmental Science and Pollution Research, 2022, 29, 14231-14247.	5.3	33
207	Improved solutions for shared value creation and maximization from used clothes: Streamlined structure of clothing consumption system and a framework of closed loop hybrid business model. Cleaner and Responsible Consumption, 2021, 3, 100039.	3.0	3
208	Inventory and Comparison of Performance Indicators in Circular Economy Roadmaps of the European Countries. Circular Economy and Sustainability, 2023, 3, 557-584.	5.5	18
209	Assessment of the European monitoring frameworks for Circular economy: the case of Croatia. Management of Environmental Quality, 2022, 33, 371-389.	4.3	4
210	A Neutrosophic Fuzzy Optimisation Model for Optimal Sustainable Closed-Loop Supply Chain Network during COVID-19. Journal of Risk and Financial Management, 2021, 14, 519.	2.3	16
211	Opportunities and Challenges of a Geodesign Based Platform for Waste Management in the Circular Economy Perspective. Lecture Notes in Computer Science, 2020, , 317-331.	1.3	6
212	ECONOMIA CIRCULAR E ENGENHARIA DE PRODUTOS: INTER-RELAÇÃO E OPORTUNIDADES DE PESQUISA. , 0, , .		0
213	Assessment of the Impact of the Circular Economy on CO2 Emissions in Europe. Journal of Innovation Economics and Management, 2022, N.º 39, 15-43.	1.3	13
214	Evaluating the transition to the circular economy in the agri-food sector: Selection of indicators. Resources, Conservation and Recycling, 2022, 176, 105916.	10.8	53
215	Prospective material and substance flow analysis of the end-of-life phase of crystalline silicon-based PV modules. Resources, Conservation and Recycling, 2022, 176, 105917.	10.8	9
216	Development of a Circularity Impact and Failure Analysis: Obsolescence and Recyclability Integration. , 2020, , .		2
217	B Corp Certification for a Circular Economy Approach and a Sustainable Pathway. Advances in Marketing, Customer Relationship Management, and E-services Book Series, 2020, , 167-188.	0.8	0
218	Theoretical research on circular economy and sustainability trade-offs and synergies: A bibliometric analysis. , 2021, , .		2
219	Design principles for intrinsically circular polymers with tunable properties. Chem, 2021, 7, 2896-2912.	11.7	79
220	Performance Measurement Systems for Circular Supply Chain Management: Current State of Development. Sustainability, 2021, 13, 12082.	3.2	9

#	ARTICLE	IF	CITATIONS
222	Critical Approaches to Circular Economy Research: Time, Space and Evolution. , 2021, , 55-74.		7
223	Infrastructure Life Cycle and Circular Economy in Construction: An European Approach. Encyclopedia of the UN Sustainable Development Goals, 2021, , 1-20.	0.1	0
224	A comprehensive minimum cost consensus model for large scale group decision making for circular economy measurement. Technological Forecasting and Social Change, 2022, 175, 121391.	11.6	32
225	Mapping and testing circular economy product-level indicators: A critical review. Resources, Conservation and Recycling, 2022, 178, 106080.	10.8	25
226	Recycling of forestry waste. IOP Conference Series: Earth and Environmental Science, 2021, 875, 012045.	0.3	1
227	Prioritising low-risk and high-potential circular economy strategies for decarbonisation: A meta-analysis on consumer-oriented product-service systems. Renewable and Sustainable Energy Reviews, 2022, 155, 111858.	16.4	18
228	Water and the Circular Economy: Learning from Nature. Sustainability, 2021, 13, 12597.	3.2	4
229	General Concept of Business Process Measures in the Circular Economy. Sustainability, 2021, 13, 12675.	3.2	2
230	Circular cities: an evidence map of research between 2010 and 2020. Discover Sustainability, 2021, 2, 1.	2.8	9
231	The complex end-of-life of wind turbine blades: A review of the European context. Renewable and Sustainable Energy Reviews, 2022, 155, 111847.	16.4	55
232	Organizational, societal, knowledge and skills capacity for a low carbon energy transition in a Circular Waste Bioeconomy (CWBE): Observational evidence of the Thessaly region in Greece. Science of the Total Environment, 2022, 813, 151870.	8.0	11
233	Circular economy and frugal innovation: a conceptual nexus. Environmental Science and Pollution Research, 2022, , 1.	5.3	8
234	Towards sustainable circular agriculture: An integrated optimization framework for crop-livestock-biogas-crop recycling system management under uncertainty. Agricultural Systems, 2022, 196, 103347.	6.1	23
235	Indicators for resource recovery monitoring within the circular economy model implementation in the wastewater sector. Journal of Environmental Management, 2022, 304, 114261.	7.8	39
236	Circular economy to ensure production operational sustainability: A green-lean approach. Sustainable Production and Consumption, 2022, 30, 130-144.	11.0	39
237	An investigation of hard-disk drive circularity accounting for socio-technical dynamics and data uncertainty. Resources, Conservation and Recycling, 2022, 178, 106102.	10.8	12
238	Resource efficiency indicators to assess circular economy strategies: A case study on four materials in laptops. Resources, Conservation and Recycling, 2022, 178, 106099.	10.8	16
239	Market Endurance: A cost-accounting based metric for measuring value retention for the Circular Economy. Resources, Conservation and Recycling, 2022, 179, 106117.	10.8	1

#	ARTICLE	IF	CITATIONS
240	Innovations in circular economy for sustainable urban development. Marketing and Management of Innovations, 2021, 5, 196-209.	1.5	2
241	Effectiveness and Benefits of the Eco-Management and Audit Scheme: Evidence from Polish Organisations. Energies, 2022, 15, 434.	3.1	0
242	Experimenting with New Ways of Circular and Participatory Design: The Case Study of a Traditional Sicilian Architecture Transformed for Experiential Tourism. Sustainability, 2022, 14, 1360.	3.2	0
243	Transdisciplinary resource monitoring is essential to prioritize circular economy strategies in cities. Environmental Research Letters, 2022, 17, 021001.	5.2	4
244	A quantitative and holistic circular economy assessment framework at the micro level. Computers and Chemical Engineering, 2022, 160, 107697.	3.8	14
245	Industry 4.0 technologies and circular economy: The mediating role of supply chain integration. Business Strategy and the Environment, 2022, 31, 619-632.	14.3	66
246	A systemic review for measuring circular economy with multi-criteria methods. Environmental Science and Pollution Research, 2022, 29, 31597-31611.	5.3	19
247	EMPIRICAL EVIDENCE ON CIRCULAR ECONOMY AND ECONOMIC DEVELOPMENT IN EUROPE: A PANEL APPROACH. Journal of Business Economics and Management, 2022, 23, 199-217.	2.4	16
248	A Framework for Assessing the Contribution of Firms to Circular Economy: a Triple-Level Approach. Circular Economy and Sustainability, 0, , 1.	5.5	6
249	Exploring assessment practices of companies actively engaged with circular economy. Business Strategy and the Environment, 2022, 31, 1414-1438.	14.3	17
250	Developing and Applying Circularity Indicators for the Electrical and Electronic Sector: A Product Lifecycle Approach. Sustainability, 2022, 14, 1154.	3.2	8
251	The us in reUSE. Theorizing the how and why of the circular economy. Business Strategy and the Environment, 2022, 31, 2741-2753.	14.3	5
252	Circular Economy Projects and Firm Disclosures in an Encouraging Institutional Environment. Sustainability, 2022, 14, 1149.	3.2	6
253	Renewable Electricity Enables Green Routes to Fine Chemicals and Pharmaceuticals. Chemical Record, 2022, 22, e202100296.	5.8	9
254	Interactions of governmental policies and business models for a circular economy: A systematic literature review. Journal of Cleaner Production, 2022, 337, 130329.	9.3	29
255	Current Waste Management Status and Trends in Russian Federation: Case Study on Industrial Symbiosis. , 2022, , 247-272.		0
256	Reverse remanufacturing of electrical and electronic equipment and the circular economy. REGE Revista De GestÃ£o, 2022, 29, 380-394.	1.6	4
257	Drivers and barriers in the transition from a linear economy to a circular economy. Journal of Cleaner Production, 2022, 341, 130865.	9.3	84

#	ARTICLE	IF	CITATIONS
258	Durability, reparability and recyclability: Applying material efficiency standards EN 4555x to mobile phones and tablet computers. <i>Procedia CIRP</i> , 2022, 105, 619-624.	1.9	5
260	Implementation of circularity indicators in a household product manufacturing company. <i>Procedia CIRP</i> , 2022, 105, 660-665.	1.9	1
261	A review of energy-based indicators for assessing sustainability and circular economy in the agri-food production. <i>Procedia Computer Science</i> , 2022, 200, 1756-1765.	2.0	7
262	Carbon and water footprint for the recycling process of expanded polystyrene (EPS) post-consumer waste.. <i>Procedia CIRP</i> , 2022, 105, 452-457.	1.9	12
263	Circular economy and circularity supplier selection: a fuzzy group decision approach. <i>International Journal of Production Research</i> , 2024, 62, 2307-2330.	7.5	18
264	A Circularity Evaluation of New Feed Categories in The Netherlandsâ€”Squaring the Circle: A Review. <i>Sustainability</i> , 2022, 14, 2352.	3.2	5
265	Towards a Model for Analyzing the Circular Economy in Ecuadorian Companies: A Conceptual Framework. <i>Sustainability</i> , 2022, 14, 4016.	3.2	3
266	Toward a framework for selecting indicators of measuring sustainability and circular economy in the agri-food sector: a systematic literature review. <i>International Journal of Life Cycle Assessment</i> , 0, , 1.	4.7	10
267	How circular is a value chain? Proposing a Material Efficiency Metric to evaluate business models. <i>Journal of Cleaner Production</i> , 2022, 342, 130973.	9.3	12
268	Leveraging Life Cycle Assessment to Better Promote the Circular Economy: A First Step Using the Concept of Opportunity Cost. <i>Sustainability</i> , 2022, 14, 3451.	3.2	3
269	Microbial electrolysis: a promising approach for treatment and resource recovery from industrial wastewater. <i>Bioengineered</i> , 2022, 13, 8115-8134.	3.2	23
270	Life Cycle Gap Analysis for Product Circularity and Sustainabilityâ€”a Case Study with Three Different Products. <i>Materials Circular Economy</i> , 2022, 4, 1.	3.2	2
271	Critical advances and future opportunities in upcycling commodity polymers. <i>Nature</i> , 2022, 603, 803-814.	27.8	404
272	Examining the roadblocks of circular economy adoption in micro, small, and medium enterprises (MSME) through sustainable development goals. <i>Business Strategy and the Environment</i> , 2022, 31, 2908-2930.	14.3	14
273	A Theoretical Framework for Circular Processes and Circular Impacts Through a Comprehensive Review of Indicators. <i>Global Journal of Flexible Systems Management</i> , 2022, 23, 291-314.	6.3	19
274	An analysis of the degree of circularity of the wood products industry in Europe. <i>Journal of Industrial Ecology</i> , 0, , .	5.5	2
275	Waste Not, Want Not: The Regulatory Barriers of Upcycling Frass. , 2022, , 271-279.		1
276	How can organisations measure their level of circularity? A review of available tools. <i>Journal of Cleaner Production</i> , 2022, 354, 131679.	9.3	20



#	ARTICLE	IF	CITATIONS
277	The role of entrepreneurship, innovation and socioeconomic development on circularity rate: Empirical evidence from selected European countries. <i>Journal of Cleaner Production</i> , 2022, 348, 131267.	9.3	25
278	Measuring urban water circularity: Development and implementation of a Water Circularity Indicator. <i>Sustainable Production and Consumption</i> , 2022, 31, 723-735.	11.0	19
279	Analysing the drivers for adoption of Industry 4.0 technologies in a functional paper "cement" sugar circular sharing network. <i>Sustainable Production and Consumption</i> , 2022, 31, 459-477.	11.0	17
280	Statistical entropy of resources using a categorization tree for material enumeration: Framework development and application to a plastic packaging case study. <i>Resources, Conservation and Recycling</i> , 2022, 181, 106259.	10.8	3
281	Regional environmental-economic assessment of building materials to promote circular economy: comparison of three Swiss cantons. <i>Resources, Conservation and Recycling</i> , 2022, 181, 106247.	10.8	5
282	ALMANYA –ZELÄ°NDE DÄ–NGÄ°SEL EKONOMÄ° PERSPEKTÄ°FÄ°NDEN GSYÄ°H VE GERÄ° DÄ–NÄ°ceÄžÄ°M Ä°LÄ°ÄžKÄ°SÄ°: ZAMAN ANALÄ°ZÄ°. 19 MayÄ±s Sosyal Bilimler Dergisi, 0, , .	0.5	0
283	Social impacts of a circular business model: An approach from a sustainability accounting and reporting perspective. <i>Corporate Social Responsibility and Environmental Management</i> , 2022, 29, 646-656.	8.7	27
284	Implementing and Monitoring Circular Business Models: An Analysis of Italian SMEs. <i>Sustainability</i> , 2022, 14, 270.	3.2	14
285	The impact of membrane engineering in the circular economy. , 2022, , 35-62.		3
286	Multicriteria analysis of the environmental and economic performance of circularity strategies for concrete waste recycling in Spain. <i>Waste Management</i> , 2022, 144, 387-400.	7.4	12
288	Challenges for Sustainability in Packaging of Fresh Vegetables in Organic Farming. <i>Sustainability</i> , 2022, 14, 5346.	3.2	5
289	The Role of Biochar Systems in the Circular Economy: Biomass Waste Valorization and Soil Remediation. , 0, , .		1
290	Romaniaâ€™s Perspectives on the Transition to the Circular Economy in an EU Context. <i>Sustainability</i> , 2022, 14, 5324.	3.2	15
291	Industrial Byâ€™Products As a Novel Circular Source of Biocompatible Extracellular Vesicles. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	10
292	The impact of SMEsâ€™ sustainability on competitiveness. <i>Measuring Business Excellence</i> , 2023, 27, 107-120.	2.4	5
293	Circular Economy Indicators for the Assessment of Waste and By-Products from the Palm Oil Sector. <i>Processes</i> , 2022, 10, 903.	2.8	6
294	Facilitating a transition to a circular economy in construction projects: intermediate theoretical models based on the theory of planned behaviour. <i>Building Research and Information</i> , 2023, 51, 85-104.	3.9	10
295	Leveraging the circular economy: Investment and innovation as drivers. <i>Journal of Cleaner Production</i> , 2022, 360, 132146.	9.3	20

#	ARTICLE	IF	CITATIONS
296	How to monitor the progress towards a circular food economy: A Delphi study. Sustainable Production and Consumption, 2022, 32, 457-467.	11.0	6
297	Circular economy disclosure in corporate sustainability reports: The case of European companies in sustainability rankings. Sustainable Production and Consumption, 2022, 32, 436-456.	11.0	22
298	Mapping sustainability and circular economy in cities: Methodological framework from europe to the Spanish case. Journal of Cleaner Production, 2022, 357, 131870.	9.3	8
299	Measuring investments progress in ecological transition: The Green Investment Financial Tool (GIFT) approach. Journal of Cleaner Production, 2022, 357, 131915.	9.3	18
300	Retrospective and prospective material flow analysis of the post-consumer plastic packaging waste management system in Flanders. Waste Management, 2022, 147, 10-21.	7.4	6
301	Model of the Circular Economy and its Application in Industry Practice: A Case Study of Serbia. Lecture Notes in Networks and Systems, 2022, , 1083-1092.	0.7	2
302	Measuring circular reuse magnitude and replacement rate: A new method. Resources, Conservation and Recycling, 2022, 184, 106414.	10.8	0
303	Analysing the Relationship between Product Waste Footprints and Environmental Damage â€” a Life Cycle Analysis of 1400+ Products. SSRN Electronic Journal, 0, , .	0.4	0
304	A Research Model for Circular Business Models â€” Antecedents, Moderators, and Outcomes. Sustainable Futures, 2022, , 100084.	3.2	2
305	Energy Sustainabilityâ€™Rebounds Revisited Using Axiomatic Design. Sustainability, 2022, 14, 6737.	3.2	1
306	Evaluating and managing the sustainability of investments in green and sustainable chemistry: An overview of sustainable finance approaches and tools. Current Opinion in Green and Sustainable Chemistry, 2022, 36, 100635.	5.9	9
307	Evaluating the Transition of the European Union Member States towards a Circular Economy. Energies, 2022, 15, 3924.	3.1	7
308	Building a new mind set in tomorrow fashion development through circular strategy models in the framework of waste management. Current Opinion in Green and Sustainable Chemistry, 2022, 36, 100638.	5.9	32
309	Prioritizing Cleaner Production Actions towards Circularity: Combining LCA and Emergy in the PET Production Chain. Sustainability, 2022, 14, 6821.	3.2	4
310	Circular Economy strategies for concrete: implementation and integration. Journal of Cleaner Production, 2022, 362, 132486.	9.3	54
311	Circular economy indicators for measuring social innovation in the Brazilian textile and fashion industry. Journal of Cleaner Production, 2022, 363, 132485.	9.3	18
313	Circular Economy In Courier Express Parcel in Indonesia. , 2022, , .		0
314	Choice Hygiene for â€œConsumer Neuroscientistsâ€? Ethical Considerations and Proposals for Future Endeavours. Frontiers in Neuroscience, 0, 15, .	2.8	0

#	ARTICLE	IF	CITATIONS
315	Circular economy strategy and waste management: a bibliometric analysis in its contribution to sustainable development, toward a post-COVID-19 era. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61729-61746.	5.3	28
316	Does Circular Economy Contribute to Smart Citiesâ€™ Sustainable Development?. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7627.	2.6	11
317	A Framework to Assess Social Indicators in a Circular Economy Perspective. <i>Sustainability</i> , 2022, 14, 7970.	3.2	6
318	Pro-Circular Consumer Profile: An Approach to Their Identification and Characterization Based on the Components of the Value-Belief-Norm Theory. <i>Sustainability</i> , 2022, 14, 7883.	3.2	3
319	Analyzing the Concept of Corporate Sustainability in the Context of Sustainable Business Development in the Mining Sector with Elements of Circular Economy. <i>Sustainability</i> , 2022, 14, 8163.	3.2	36
320	Core Elements Affecting the Circularity of Materials. <i>Sustainability</i> , 2022, 14, 8367.	3.2	2
321	Assessing the sustainability of architectural reclamation processes: an evaluation procedure for the early design phase. <i>Building Research and Information</i> , 2023, 51, 21-38.	3.9	2
322	Implementing circular economy in a regional context: A systematic literature review and a research agenda. <i>Journal of Cleaner Production</i> , 2022, 368, 133117.	9.3	15
323	Regional representation of wind stakeholdersâ€™ end-of-life behaviors and their impact on wind blade circularity. <i>IScience</i> , 2022, 25, 104734.	4.1	8
324	Assessing circularity of multi-sectoral systems under the Water-Energy-Food-Ecosystems (WEFE) nexus. <i>Water Research</i> , 2022, 221, 118842.	11.3	15
325	Using the five sectors sustainability model to verify the relationship between circularity and sustainability. <i>Journal of Cleaner Production</i> , 2022, 366, 132890.	9.3	9
326	Circular economy principles in community energy initiatives through stakeholder perspectives. <i>Sustainable Production and Consumption</i> , 2022, 33, 256-270.	11.0	13
327	Is Extended Producer Responsibility living up to expectations? A systematic literature review focusing on electronic waste. <i>Journal of Cleaner Production</i> , 2022, 367, 133101.	9.3	28
328	A new method for probabilistic circular economy assessment of buildings. <i>Journal of Building Engineering</i> , 2022, 57, 104875.	3.4	0
329	Horizon scanning process to foresight emerging issues in Arabsphere's water vision. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
330	How to Monitor the Transition to Sustainable Food Services and Lodging Accommodation Activities: A Bibliometric Approach. <i>Sustainability</i> , 2022, 14, 9102.	3.2	9
331	An Incursion into Actuality: Addressing the Precautionary Principle in the Context of the Circular Economy. <i>Sustainability</i> , 2022, 14, 10090.	3.2	2
332	Emerging Associates of the Circular Economy: Analysing Interactions and Trends by a Mixed Methods Systematic Review. <i>Sustainability</i> , 2022, 14, 9998.	3.2	2

#	ARTICLE	IF	CITATIONS
333	How Does the Circular Economy Applied in the European Union Support Sustainable Economic Development?. Sustainability, 2022, 14, 9932.	3.2	2
334	Circular Economy in the Context of Food Losses and Waste. Sustainability, 2022, 14, 10116.	3.2	9
335	The circular economy in Romania and in the EU Member States. Proceedings of the International Conference on Business Excellence, 2022, 16, 409-419.	0.3	1
336	Practising circular economy performance in Malaysia: managing supply chain disruption and technological innovation capability under industry 4.0. International Journal of Logistics Research and Applications, 2023, 26, 1704-1727.	8.8	2
337	Measuring the Economic Impacts of a Circular Economy: an Evaluation of Indicators. Circular Economy and Sustainability, 0, , .	5.5	4
338	Comparing a material circularity indicator to life cycle assessment: The case of a three-layer plastic packaging. Sustainable Production and Consumption, 2022, 33, 820-830.	11.0	11
339	Comparison between circularity metrics and LCA: A case study on circular economy strategies. Journal of Cleaner Production, 2022, 371, 133537.	9.3	16
340	Sustainability reports as a tool for measuring and monitoring the transition towards the circular economy of organisations: Proposal of indicators and metrics. Journal of Environmental Management, 2022, 320, 115784.	7.8	15
341	International orientation: An antecedent-consequence model in Spanish agri-food cooperatives which are aware of the circular economy. Journal of Business Research, 2022, 152, 231-241.	10.2	10
342	Removal of micropollutants through bio-based materials as a transition to circular bioeconomy: Treatment processes involved, perspectives and bottlenecks. Environmental Research, 2022, 214, 114150.	7.5	6
343	How Blockchain Facilitates the Transition toward Circular Economy in the Food Chain?. Sustainability, 2022, 14, 11754.	3.2	12
344	Sustainable behaviour of B Corps fashion companies during Covid-19: A quantitative economic analysis. Journal of Cleaner Production, 2022, 374, 134010.	9.3	8
345	An integrated circular economic model with controllable carbon emission and deterioration from an apple orchard. Journal of Cleaner Production, 2022, 374, 133962.	9.3	5
346	The impact of the circular economy on sustainable development: A European panel data approach. Sustainable Production and Consumption, 2022, 34, 233-243.	11.0	29
347	A circular economy metric to determine sustainable resource use illustrated with neodymium for wind turbines. Journal of Cleaner Production, 2022, 376, 134305.	9.3	7
348	Assessment of municipal waste in a circular economy: Do European Union countries share identical performance?. , 2022, 3, 100034.		5
350	Reconsidering the assessment method of Environmental implications of Circular Economy in the Built Environment. IOP Conference Series: Earth and Environmental Science, 2022, 1078, 012007.	0.3	1
351	Application of holistic and integrated LCSA: Case study on laminated veneer lumber production in Central Germany. International Journal of Life Cycle Assessment, 2022, 27, 1352-1375.	4.7	8

#	ARTICLE	IF	CITATIONS
352	Product-level circularity metrics based on the “Closing”-“Slowing Future”-“Past”-quadrant model. Sustainable Production and Consumption, 2022, 34, 395-411.	11.0	10
353	Resource management and performance measurement indicators in the circular economy. Economics of Sustainable Development, 2022, 6, 31-42.	0.7	0
354	Knowledge Mapping and Institutional Prospects on Circular Carbon Economy Based on Scientometric Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 12508.	2.6	2
355	Circularity indicator for municipal solid waste treatment plants. Journal of Cleaner Production, 2022, 380, 134807.	9.3	1
356	A framework to assess indicators of the circular economy in biological systems. Environmental Technology and Innovation, 2022, 28, 102945.	6.1	9
357	Defining Circular Economy Principles for Biobased Products. Sustainability, 2022, 14, 12780.	3.2	6
358	Modeling circularity as Functionality Over Use-Time to reflect on circularity indicator challenges and identify new indicators for the circular economy. Journal of Cleaner Production, 2022, 379, 134797.	9.3	4
359	Including the social in the circular: A mapping of the consequences of a circular economy transition in the city of Umeå, Sweden. Journal of Cleaner Production, 2022, 380, 134893.	9.3	13
360	Monitoring progress towards a circular economy in urban areas: An application of the European Union circular economy monitoring framework in Umeå municipality. Sustainable Cities and Society, 2022, 87, 104245.	10.4	9
361	Developing circularity, renewability and efficiency indicators for sustainable resource management: Propanol production as a showcase. Journal of Cleaner Production, 2022, 379, 134843.	9.3	2
362	Analysing the challenges in building resilient net zero carbon supply chains using Influential Network Relationship Mapping. Journal of Cleaner Production, 2022, 379, 134635.	9.3	10
363	How to measure a circular economy: A holistic method compiling policy monitors. Resources, Conservation and Recycling, 2023, 188, 106707.	10.8	13
364	Effectiveness of solid waste management policies in Australia: An Exploratory Study. Environmental Impact Assessment Review, 2023, 98, 106966.	9.2	6
365	Swine slaughterhouse biowaste: an environmental sustainability assessment of composting, amended soil quality, and phytotoxicity. Environmental Technology (United Kingdom), 2024, 45, 1404-1411.	2.2	3
366	Tackling climate change through circular economy in cities. Journal of Cleaner Production, 2022, 381, 135126.	9.3	8
367	The nexus of financialization and circularity: Evidence from European economies. Energy and Environment, 0, , 0958305X2211349.	4.6	0
368	A green energy circular system with carbon capturing and waste minimization in a smart grid power management. Energy Reports, 2022, 8, 14102-14123.	5.1	8
369	Roadmap to Precision Agriculture Under Circular Economy Constraints. Journal of Information and Knowledge Management, 2023, 22, .	1.1	6

#	ARTICLE	IF	CITATIONS
370	What is the contribution of different business processes to material circularity at company-level? A case study for electric vehicle batteries. <i>Journal of Cleaner Production</i> , 2023, 382, 135232.	9.3	10
371	Clearing the fog: How circular economy transition can be measured at the company level. <i>Journal of Environmental Management</i> , 2023, 326, 116749.	7.8	9
372	A critical review on slaughterhouse waste management and framing sustainable practices in managing slaughterhouse waste in India. <i>Journal of Environmental Management</i> , 2023, 327, 116823.	7.8	10
373	Fitness of product and service design for closed-loop material recycling: A framework and indicator. <i>Resources, Conservation and Recycling</i> , 2023, 190, 106661.	10.8	5
374	Circular Economy In Recycled Paper Company. , 2022, , .		0
376	Effect of Landfill Arson to a "Lax" System in a Circular Economy under the Current EU Energy Policy: Perspective Review in Waste Management Law. <i>Energies</i> , 2022, 15, 8690.	3.1	2
377	Can circular healthcare economy be achieved through implementation of sustainable healthcare supply chain practices? Empirical evidence from Indian healthcare sector. <i>Journal of Global Operations and Strategic Sourcing</i> , 2024, 17, 230-246.	4.6	2
378	Evaluating and managing the sustainability performance of investments in green and sustainable chemistry: Development and application of an approach to assess bio-based and biodegradable plastics. <i>Current Research in Green and Sustainable Chemistry</i> , 2023, 6, 100353.	5.6	3
379	Life cycle-based dashboard for circular agri-food sector. <i>International Journal of Life Cycle Assessment</i> , 0, , .	4.7	5
380	Assessing the social life cycle impacts of circular economy. <i>Journal of Cleaner Production</i> , 2023, 386, 135725.	9.3	22
381	Developing a material flow monitor for the Netherlands from national statistical data. <i>Journal of Industrial Ecology</i> , 2023, 27, 408-422.	5.5	1
382	A forest-based circular bioeconomy for sustainable development: a case study of Konya Province, Turkey. <i>International Forestry Review</i> , 2022, 24, 517-533.	0.6	0
383	Assessing factors driving international trade in natural resources 1995"2018. <i>Journal of Cleaner Production</i> , 2023, 389, 136110.	9.3	3
384	A human-machine interaction framework for identifying factors influential consumer participation in e-waste treatment schemes. <i>International Journal of Computer Integrated Manufacturing</i> , 2023, 36, 1058-1082.	4.6	1
385	Clustering EU Countries" The Relationship Between Circular Economy, Resource Efficiency and Sustainable Development. <i>Lecture Notes in Management and Industrial Engineering</i> , 2023, , 79-94.	0.4	0
386	Sustainable Circularity. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2023, , 103-125.	0.4	3
387	Integration of Circular Economy Approaches into a Major Infrastructure Project Case Study - National Highways" A303 Circular Economy Pathfinder Project. <i>Circular Economy and Sustainability</i> , 2023, 3, 1793-1818.	5.5	0
388	Assessing enablers of green entrepreneurship in circular economy: An integrated approach. <i>Journal of Cleaner Production</i> , 2023, 388, 135999.	9.3	20

#	ARTICLE	IF	CITATIONS
389	Sürdürülebilir Kalkınma Temelinde Dönüştürüsel Ekonomi Performansı. Verimlilik Dergisi, 0, , .	0.6	0
390	Türkiye'nin Dönüştürüsel Performansı: Avrupa Birliği Öncelikleri ile Karşılaştırmalı Bir Araştırma. Verimlilik Dergisi, 0, , .	0.6	0
391	Scientometric Analysis of the Global Scientific Literature on Circularity Indicators in the Construction and Built Environment Sector. Sustainability, 2023, 15, 728.	3.2	3
392	Combining industrial ecology tools to assess potential greenhouse gas reductions of a circular economy: Method development and application to Switzerland. Journal of Industrial Ecology, 2023, 27, 254-271.	5.5	10
393	The implementation of the circular economy requirements among Hungarian enterprises - capital versus countryside. , 2022, 14, 108-126.		0
394	Benefits and Limitations of Indicators for Monitoring the Transformation towards a Circular Economy in Poland. Resources, 2023, 12, 24.	3.5	1
395	Toward circular economy: The impact of policy instruments on circular economy innovation for European small medium enterprises. Ecological Economics, 2023, 207, 107761.	5.7	15
396	The circular economy operating and stakeholder model "eco-5HM" to avoid circular fallacies that prevent sustainability. Journal of Cleaner Production, 2023, 391, 136096.	9.3	6
397	The Impact of Socio-Economic Development on Waste Generation: An Analysis on European Countries. Journal of International Scientific Researches, 2022, 7, 1-12.	0.2	1
398	Corporate Social Responsibility, Circular Economy and Sustainable Development: Business Changes and Implications in Project-Oriented Companies. , 2023, , 111-143.		0
399	Life cycle assessment on construction and demolition waste recycling: a systematic review analyzing three important quality aspects. International Journal of Life Cycle Assessment, 2023, 28, 967-989.	4.7	6
400	Definition of agronomic circular economy metrics and use for assessment for a nanofertilizer case study. Plant Physiology and Biochemistry, 2023, 196, 917-924.	5.8	10
401	The Lithium-Ion Battery Recycling Process from a Circular Economy Perspective" A Review and Future Directions. Energies, 2023, 16, 3228.	3.1	13
402	Literature review on the state of the art of the circular economy of Ceramic Matrix Composites. Open Ceramics, 2023, 14, 100357.	2.0	1
403	Users' Perception of the Circular Economy Monitoring Indicators as Proposed by the UNI/TS 11820:2022: Evidence from an Exploratory Survey. Environments - MDPI, 2023, 10, 65.	3.3	9
404	The anatomy of a passport for the circular economy: a conceptual definition, vision and structured literature review. Resources, Conservation & Recycling Advances, 2023, 17, 200131.	2.5	9
405	Existing tools used in the framework of environmental performance. Sustainable Chemistry and Pharmacy, 2023, 32, 101026.	3.3	13
406	Ensuring circular strategy implementation: The development of circular economy indicators for ports. Maritime Transport Research, 2023, 4, 100087.	3.2	6

#	ARTICLE	IF	CITATIONS
407	Design for circular disassembly: Evaluating the impacts of product end-of-life status on circularity through the parent-action-child model. <i>Journal of Cleaner Production</i> , 2023, 405, 137009.	9.3	2
408	How to measure the social sustainability of the circular economy? Developing and piloting social circular economy indicators in Finland. <i>Journal of Cleaner Production</i> , 2023, 392, 136238.	9.3	10
409	An Insight into the Application of Gradations of Circularity in the Food Packaging Industry: A Systematic Literature Review and a Multiple Case Study. <i>Sustainability</i> , 2023, 15, 3007.	3.2	3
410	Tools for assessing qualitatively the level of circularity of organisations: Applicability to different sectors. <i>Sustainable Production and Consumption</i> , 2023, 36, 513-525.	11.0	2
411	Circular Economy 4.0 Evaluation Model for Urban Road Infrastructure Projects, <i>CIROAD. Sustainability</i> , 2023, 15, 3205.	3.2	3
412	The Effect of Green Work-Life Balance and Organizational Citizenship Behavior on the Environment to Improve Environmental Performance of the Cooperative and SME Office of East Java Province Employees. , 2023, , 688-695.		0
413	The Application of TRIZ as a Simplified Approach to Developing Sustainable Technical Systems. , 2022, , 14-22.		0
414	Spatial effect of transportation infrastructure on regional circular economy: evidence from Guangdong-Hong Kong-Macao Greater Bay Area. <i>Environmental Science and Pollution Research</i> , 2023, 30, 50620-50634.	5.3	0
415	Should you invest in the companies that promote the <i>Circular Economy</i> idea<i>?</i>. <i>Management of Environmental Quality</i> , 2023, ahead-of-print, .	4.3	0
416	Sustainable use of construction and demolition wastes in a circular economy perspective. , 2023, , 137-147.		1
417	The path to circularity: A literature review of its application in Latin America. <i>Economía Y Negocios</i> , 2023, 5, .	0.1	0
418	Straw Pellets for Heat Supply in the Countryside: Economic, Environmental and Circular Economic Indicators. <i>Studies in Systems, Decision and Control</i> , 2023, , 411-431.	1.0	0
419	Implementation of a Holistic MCDM-Based Approach to Assess and Compare Aircraft, under the Prism of Sustainable Aviation. <i>Aerospace</i> , 2023, 10, 240.	2.2	3
420	A framework for a responsible circular economy. <i>Journal of Cleaner Production</i> , 2023, 400, 136679.	9.3	12
421	Public-sector participation in the circular economy: A stakeholder relationship analysis of economic and social factors of the recycling system. <i>Journal of Cleaner Production</i> , 2023, 400, 136700.	9.3	1
422	Modeling circular economy innovation and performance indicators in European Union countries. <i>Environmental Science and Pollution Research</i> , 2023, 30, 81573-81584.	5.3	3
423	Industrial Symbiosis for Sustainable Management of Meat Waste: The Case of ÅsmiÅ,owo Eco-Industrial Park, Poland. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 5162.	2.6	3
424	A review of spatial characteristics influencing circular economy in the built environment. <i>Environmental Science and Pollution Research</i> , 2023, 30, 54280-54302.	5.3	0



#	ARTICLE	IF	CITATIONS
425	Circular Economy Practices in the Electrical and Electronic Equipment Sector in the European Union. <i>Amfiteatru Economic</i> , 2023, 25, 80.	2.1	1
426	Circularity indicators and added value to traditional LCA impact categories: example of pig production. <i>International Journal of Life Cycle Assessment</i> , 0, , .	4.7	3
427	The role of tourism in boosting circular transition: a measurement system based on a participatory approach. <i>Journal of Sustainable Tourism</i> , 0, , 1-25.	9.2	4
428	Is It Possible to Implement the Same Circular-Economy Concept in Rural and Urban Areas? Study on Willingness to Pay for Household Waste. <i>Sustainability</i> , 2023, 15, 5843.	3.2	2
429	Development and Review of Circular Economy Indicators: Evidence from European Union. , 2023, , 145-172.		0
430	The System Dynamics Model for the Impact Assessment of Project Management on Circular Economic Processes. , 2023, , 211-242.		0
431	Interorganizational Sensemaking of the Transition Toward a Circular Value Chain. <i>Organization and Environment</i> , 2023, 36, 411-441.	4.3	3
432	Quantifying management efficiency of energy recovery from waste for the circular economy transition in Europe. <i>Journal of Cleaner Production</i> , 2023, 414, 136948.	9.3	8
433	Development of a Circular Economy Index for a Pavement Management System. <i>International Journal of Pavement Research and Technology</i> , 0, , .	2.6	0
434	How much sorting is required for a circular low carbon aluminum economy?. <i>Journal of Industrial Ecology</i> , 2023, 27, 977-992.	5.5	2

435

#	ARTICLE	IF	CITATIONS
444	The nexus of environmental innovation and circularity: Evidence from European economies. <i>Sustainable Environment</i> , 2023, 9, .	2.4	2
445	Towards circular nitrogen use in the agri-food system at village and county level in China. <i>Agricultural Systems</i> , 2023, 209, 103683.	6.1	1
446	Adequacy of existing circular economy assessment tools for higher education institutions. <i>Sustainable Production and Consumption</i> , 2023, 39, 399-413.	11.0	2
447	Contribution of the European Bioeconomy Strategy to the Green Deal Policy: Challenges and Opportunities in Implementing These Policies. <i>Sustainability</i> , 2023, 15, 7139.	3.2	4
448	Developing a Circular Economy Index to Measure the Macro Level of Circular Economy Implementation in Indonesia. <i>Management Systems in Production Engineering</i> , 2023, 31, 208-215.	1.1	1
449	Circular economy, relevant problems and outcomes. , 2023, , .		0
450	The circular potential of a Bio-District: indicators for waste management. <i>British Food Journal</i> , 2024, 126, 290-308.	2.9	6
451	What are the impacts of economic complexity and product proximity on nations' circularity? An empirical approach using statistical analysis. <i>Environmental Science and Pollution Research</i> , 2023, 30, 90256-90275.	5.3	2
452	AN OVERVIEW OF CIRCULAR ECONOMY-BASED PERFORMANCE MEASUREMENT SYSTEM FOR SMES. , 0, , .		0
453	Remediation of Endocrine Disrupting Compounds and Organic Dye Pollutants Through Biosorbents in a Circular Bioeconomy: Prospects and Constraints. <i>Environmental Science and Engineering</i> , 2023, , 163-175.	0.2	1
454	A macro-level circular economy index: theoretical proposal and application in European Union countries. <i>Environment, Development and Sustainability</i> , 0, , .	5.0	1
455	Comparative analysis of micro level indicators for evaluating the progress towards a circular economy. <i>Sustainable Production and Consumption</i> , 2023, 39, 521-533.	11.0	3
456	Circular economy initiatives are no guarantee for increased plastic circularity: A framework for the systematic comparison of initiatives. <i>Resources, Conservation and Recycling</i> , 2023, 197, 107072.	10.8	10
457	Integrated environmental-economic circular economy assessment: Application to the case of expanded polystyrene. <i>Resources, Conservation and Recycling</i> , 2023, 197, 107069.	10.8	1
458	Exploiting circular economy enablers for SMEs to advance towards a more sustainable development: An empirical study in the post COVID-19 era. <i>Resources, Conservation &amp; Recycling Advances</i> , 2023, 19, 200164.	2.5	4
460	Monitoring circular biobased economy " Systematic review of circularity indicators at the micro level. <i>Resources, Conservation and Recycling</i> , 2023, 197, 107104.	10.8	2
461	Utilizing a CHP Power Plant's Energy and CO <sub>2</sub> Emissions for the Manufacture of Affordable and Carbon Neutral Algae Bioplastic for Re-Useable Packaging. <i>Industrial &amp; Engineering Chemistry Research</i> , 2023, 62, 7275-7296.	3.7	0
462	Marketing strategies for waste recycling: a bibliometric analysis towards the circular economy. <i>Environmental Science and Pollution Research</i> , 2023, 30, 67565-67581.	5.3	0

#	ARTICLE	IF	CITATIONS
463	Circular Performance of Small Open Economies. , 2023, , 37-72.		0
464	Heterogenous Effects of Circular Economy, Green energy and Globalization on CO2 emissions: Policy based analysis for sustainable development. Renewable Energy, 2023, 211, 789-801.	8.9	17
465	Futures of the social metabolism: Degrowth, circular economy and the value of waste. Futures, 2023, 150, 103180.	2.5	8
466	Enhancing life cycle assessment for circular economy measurement of different case scenarios of modular steel slab. Building and Environment, 2023, 239, 110411.	6.9	9
467	PROCESSING TECHNOLOGIES, PROPERTIES AND APPLICATION OF POLY (LACTIC ACID) (PLA). , 2023, 15, 87-97.		0
468	LCA based circularity indices of systems at different scales: a holistic approach. Science of the Total Environment, 2023, 897, 165245.	8.0	5
469	Impact of water as raw material on material circularity - A case study from the Hungarian food sector. Heliyon, 2023, 9, e17587.	3.2	1
470	â€œMade in Germanyâ€™ how companies approach Circular Economy on LinkedIn. European Planning Studies, 0, , 1-25.	2.9	6
471	Income inequality and circular materials use: an analysis of European Union economies and implications for circular economy development. Management Decision, 2023, ahead-of-print, .	3.9	1
472	Using Artificial Intelligence to Tackle Food Waste and Enhance the Circular Economy: Maximising Resource Efficiency and Minimising Environmental Impact: A Review. Sustainability, 2023, 15, 10482.	3.2	12
473	The Expression of the Countryâ€™s Modernisation in the Context of Economic Environmental Sustainability: The Case of Lithuania. Sustainability, 2023, 15, 10649.	3.2	1
474	Circular Input Rate: novel indicator to assess circularity performances of materials in a sector â€œ Application to rare earth elements in e-vehicles motors. Resources, Conservation and Recycling, 2023, 197, 107037.	10.8	3
475	Ultra-high-performance concrete properties containing rice straw ash and nano eggshell powder. Case Studies in Construction Materials, 2023, 19, e02291.	1.7	2
476	Better or different? A reflection on the suitability of indicator methods for a just transition to a circular economy. Ecological Economics, 2023, 212, 107938.	5.7	1
477	Energy market dynamics and institutional sustainability: How affect the Europe's circular economy. , 2023, 2, 100048.		2
478	Role of circular economy, energy transition, environmental policy stringency, and supply chain pressure on CO2 emissions in emerging economies. Geoscience Frontiers, 2023, , 101682.	8.4	10
479	Circular economy: A new research field?. Journal of Industrial Ecology, 2023, 27, 1239-1251.	5.5	6
480	The Circular Economy in Corporate Reporting: Text Mining of Energy Companiesâ€™ Management Reports. Energies, 2023, 16, 5791.	3.1	3

#	ARTICLE	IF	CITATIONS
481	Textile waste in the context of the circular economy. E3S Web of Conferences, 2023, 402, 08048.	0.5	0
482	Theoretical Basis for Analysis of Natural Resource Supervision Systems. , 2023, , 11-43.		1
483	Synergies and gaps between circularity assessment and Life Cycle Assessment (LCA). Science of the Total Environment, 2023, 903, 166611.	8.0	4
484	Towards a more sustainable construction industry: Bridging the gap between technical progress and commercialization of self-healing concrete. Construction and Building Materials, 2023, 403, 133094.	7.2	0
485	Regional unevenness and synergy of carbon emission reduction in China's green low-carbon circular economy. Journal of Cleaner Production, 2023, 420, 138436.	9.3	12
486	Six-Sigma Reference Model for Industry 4.0 Implementations in Textile SMEs. Sustainability, 2023, 15, 12589.	3.2	0
487	Recent Findings on Fly Ash-Derived Zeolites Synthesis and Utilization According to the Circular Economy Concept. Energies, 2023, 16, 6593.	3.1	2
488	New Product Development and Circular Economy: Exploratory Network Analysis and State of the Art. World Sustainability Series, 2023, , 581-593.	0.4	0
489	Measuring the Circularity and Impact Reduction Potential of Post-Industrial and Post-Consumer Recycled Plastics. Sustainability, 2023, 15, 12242.	3.2	1
490	A global perspective for improving recovery and recycling programs: text analysis approaches. Environment, Development and Sustainability, 0, , .	5.0	0
491	The circular economy implementation at the European Union level. Past, present and future. Journal of Cleaner Production, 2023, 423, 138658.	9.3	4
492	A global and comparative assessment of the level of economic circularity in the EU. Journal of Cleaner Production, 2023, 425, 138759.	9.3	1
493	Role of sustainable development goals in advancing the circular economy: A state-of-the-art review on past, present and future directions. Waste Management and Research, 0, , .	3.9	1
494	The Circular Economy Gap in the European Union: Convergence or Divergence Among Member States?. Advanced Sustainable Systems, 2023, 7, .	5.3	0
495	Measuring the symbiotic performance of single entities within networks using an LCA approach. Journal of Environmental Chemical Engineering, 2023, 11, 111023.	6.7	0
496	“A fine wine, better with age”: Circular economy historical roots and influential publications: A bibliometric analysis using Reference Publication Year Spectroscopy (RPYS). Journal of Industrial Ecology, 2023, 27, 1593-1612.	5.5	1
497	On the Economics of the Transition to a Circular Economy. Circular Economy and Sustainability, 0, , .	5.5	1
498	An application of the UNI/TS 11820:2022 on the measurement of circularity in an electrical equipment manufacturing organization in Italy. Journal of Cleaner Production, 2023, 420, 138439.	9.3	2

#	ARTICLE	IF	CITATIONS
499	Circularity at Nano Level: A Product/Service Perspective. , 2023, , 87-98.		0
500	Circularity Assessment: Developing a Comprehensive Yardstick. , 2023, , 3-14.		0
501	Circularity at Macro Level: The Urban and National Perspectives. , 2023, , 37-55.		0
502	Circularity at Micro Level: A Business Perspective. , 2023, , 75-86.		0
503	Empirical evidence of coupling and coordination between circular economy and foreign trade based on big data. Applied Mathematics and Nonlinear Sciences, 2024, 9, .	1.6	0
504	Performance indicators of circular economy in the agriculture and food industry. Environment Systems and Decisions, 0, , .	3.4	0
505	A Complex Circular-Economy Quality Indicator for Assessing Production Systems at the Micro Level. Sustainability, 2023, 15, 13495.	3.2	1
506	Measuring circularity potential for medical waste management â€œ a dynamic circularity performance analysis. Sustainable Environment Research, 2023, 33, .	4.2	2
507	Fine-grained sustainability assessment: County sustainable development in China from 2000 to 2017. Journal of Cleaner Production, 2023, 425, 138798.	9.3	2
508	A proposal to measure the circular economy implementation and sustainable development goals achievement using objectively weighted indices. International Journal of Sustainable Development and World Ecology, 2024, 31, 137-149.	5.9	1
509	Evaluation of Circular Economy Production and Consumption Indicators in the EU: A MEREC Based MARCOS Application. , 2023, 4, 364-391.		0
510	Eco-efficiency, Circularity Measurement and Assessment. , 2023, , 137-161.		0
511	On the momentum toward vaccine self-sufficiency in the BRICS: an integrative review of the role of pharmaceutical entrepreneurship and innovation. Frontiers in Public Health, 0, 11, .	2.7	0
512	Circular Economy Indicators and Environmental Quality. , 2023, , 179-198.		0
513	DÄ–NGÄœSEL BÄ°R EKONOMÄ°YE DOÄžRU: AB27â€™DE MAKROEKONOMÄ°K, Ä†EVRESEL VE TEKNOLOJÄ°K ETKENLERÄ°N ANALÄ°ZÄ° NiÄŸantaÄŸÄ± 4niversitesi Sosyal Bilimler Dergisi, 2023, 11, 163-179.	0.0	0
514	A Machine Learningâ€œBased Tire Life Prediction Framework for Increasing Life of Commercial Vehicle Tires. Journal of Mechanical Design, Transactions of the ASME, 2024, 146, .	2.9	0
515	Sustainable Development and the Circular Economy: Concepts, Progress and Prospects. , 2023, , 29-64.		0
516	Life cycle assessment of pig iron production from bauxite residue: A European case study. Journal of Industrial Ecology, 2023, 27, 1639-1652.	5.5	0

#	ARTICLE	IF	CITATIONS
517	Forest Supply Chain for Bioenergy: An Approach for Biomass Study in the Framework of a Circular Bioeconomy. <i>Energies</i> , 2023, 16, 7140.	3.1	0
518	Plating the hot potato: how to make intermediate bioenergy carriers an accelerator to a climate-neutral Europe. <i>Energy, Sustainability and Society</i> , 2023, 13, .	3.8	0
519	Developing an Evaluation Framework for Circular Agriculture: A Pathway to Sustainable Farming. <i>Agriculture (Switzerland)</i> , 2023, 13, 2047.	3.1	0
520	Circular Economy in Wastewater Treatment Plantsâ€”Potential Opportunities for Biogenic Elements Recovery. <i>Water (Switzerland)</i> , 2023, 15, 3857.	2.7	1
521	Circular life cycle sustainability assessment: An integrated framework. <i>Journal of Industrial Ecology</i> , 2024, 28, 41-58.	5.5	2
522	Bio-Based Decontamination and Detoxification of Total Petroleum Hydrocarbon-Contaminated Dredged Sediments: Perspectives to Produce Constructed Technosols in the Frame of the Circular Economy. <i>Water (Switzerland)</i> , 2023, 15, 4106.	2.7	0
523	Circular Economy, Solid Waste Recovery, and Growth: An Empirical Analysis for Sustainable Development in the 100th Anniversary of the Republic. <i>Gaziantep University Journal of Social Sciences</i> , 2023, 22, 373-385.	0.2	0
524	A Bibliometric Analysis on Cooperatives in Circular Economy and Eco-Innovation Studies. <i>Sustainability</i> , 2023, 15, 15595.	3.2	1
525	A systematic literature review exploring and linking circular economy and sustainable development goals in the past three decades (1991â€”2022). <i>International Journal of Production Research</i> , 2024, 62, 1399-1433.	7.5	3
526	The Role of the Circular Economy in Fostering Sustainable Economic Growth in the GCC. <i>Sustainability</i> , 2023, 15, 15926.	3.2	0
527	Designing a Sustainable Business Models for Green Transition of SEZ in Campaniaâ€”Towards the Conceptual Framework. <i>Itinerarios De Trabajo Social</i> , 2023, 2, 259-282.	0.3	0
529	Prospective material flow analysis of the end-of-life decommissioning: Case study of a North Sea offshore wind farm. <i>Resources, Conservation and Recycling</i> , 2024, 200, 107283.	10.8	0
530	A Framework for Adoption of Circular Economy Practices for Performance Improvement of Agile New Product Development. <i>Circular Economy and Sustainability</i> , 0, , .	5.5	0
531	Circular economy in action: theâ€”Application of products with recycled content in construction projects â€” a multiple case study approach. <i>Smart and Sustainable Built Environment</i> , 0, , .	4.0	1
532	Resource conservation by means of lightweight design and design for circularityâ€”A concept for decision making in the early phase of product development. <i>Resources, Conservation and Recycling</i> , 2024, 201, 107331.	10.8	1
533	Evaluating the Circular Economy Potential of Modular Construction in Developing Economiesâ€”A Life Cycle Assessment. <i>Sustainability</i> , 2023, 15, 16336.	3.2	0
534	Unlocking circular business model avenues to achieve net-zero emissions: a model-driven approach grounded on inter-valued intuitionistic fuzzy sets. <i>Annals of Operations Research</i> , 0, , .	4.1	1
535	Trends and Challenges in Railway Sustainability: The State of the Art regarding Measures, Strategies, and Assessment Tools. <i>Sustainability</i> , 2023, 15, 16632.	3.2	0

#	ARTICLE	IF	CITATIONS
536	Sustainability of the European textile industry. E3S Web of Conferences, 2023, 452, 05020.	0.5	0
537	What are the key dimensions that CE emphasizes on? A systematic analysis of circular economy definitions. Environment Systems and Decisions, 0, , .	3.4	0
538	Exploring environmental and social performances of circular startups: An orientation and certification assessment. Business Strategy and the Environment, 0, , .	14.3	1
539	Management accounting for a circular economy: current limits and avenue for a dialogic approach. Accounting, Auditing and Accountability Journal, 0, , .	4.2	0
540	Company Perspectives on Circular Economy Management, Assessment and Reporting in the Kymenlaakso Region in Finland. Sustainability, 2024, 16, 20.	3.2	1
541	Tracing wastewater resources: Unravelling the circularity of waste using source, destination, and quality analysis. Water Research, 2024, 250, 120901.	11.3	0
542	An Assessment of the Spatial Diversification of Agriculture in the Conditions of the Circular Economy in European Union Countries. Agriculture (Switzerland), 2023, 13, 2235.	3.1	0
543	Is Urban Air Mobility Environmentally Feasible? Defining the Guidelines for a Sustainable Implementation of its Ecosystem. Transportation Research Procedia, 2023, 72, 1747-1754.	1.5	0
544	Contribution to inaccessibility as resource impact method: A base for sustainable resource management along the life cycle. Resources, Conservation and Recycling, 2024, 202, 107363.	10.8	0
545	Domination of Managerial and Technical Frames – How the Circular Economy Is Reported in Finnish Business. Circular Economy and Sustainability, 0, , .	5.5	0
546	A multi-level tool to support the circular economy decision-making process in agri-food entrepreneurship. British Food Journal, 2024, 126, 1099-1120.	2.9	0
547	Circular economy and its restriction. , 2023, 86, 469-482.		0
548	Le rôle de la comptabilité dans la mise en œuvre de projets territoriaux d'économie circulaire. Comptabilité Contrôle Audit, 2023, Tome 29, 133-169.	0.5	1
549	Quantification of the impact of innovations in industry and infrastructure for sustainable circular economy production and consumption. Journal of Innovation & Knowledge, 2024, 9, 100456.	14.0	1
550	Harmonizing Sustainability Goals: Empirical Insights into Climate Change Mitigation and Circular Economy Strategies in Selected European Countries with SDG13 Framework. Sustainability, 2024, 16, 296.	3.2	0
551	Acceptance of circular entrepreneurship: Employees' perceptions on organizations' transition to the circular economy. Journal of Business Research, 2024, 173, 114461.	10.2	0
552	Participatory evaluation of cultural heritage adaptive reuse interventions in the circular economy perspective: A case study of historic buildings in Salerno (Italy). Journal of Urban Management, 2024, 13, 107-139.	4.5	0
553	A policy portfolio approach to plastics throughout their life cycle: Supranational and national regulation in the European Union. Environmental Policy and Governance, 0, , .	3.7	0

#	ARTICLE	IF	CITATIONS
554	Circular economy and agricultural employment: a panel analysis of EU advanced and emerging economies. <i>Environment, Development and Sustainability</i> , 0, , .	5.0	0
555	Supply chain dynamism and ambidexterity for sustainable performance. <i>Production Planning and Control</i> , 0, , 1-18.	8.8	0
556	Enabling the uptake of circular water solutions. <i>Water Policy</i> , 2024, 26, 94-110.	1.5	0
557	Systematic assessment of wastewater resource circularity and sustainable value creation. <i>Water Research</i> , 2024, 251, 121141.	11.3	0
558	Australia's circular economy metrics and indicators. <i>Journal of Industrial Ecology</i> , 2024, 28, 216-231.	5.5	0
559	Potential of BREEAM-C to support building circularity assessment: Insights from case study and expert interview. <i>Journal of Cleaner Production</i> , 2024, 442, 140836.	9.3	0
560	Advancing environmental assessment of the circular economy: Challenges and opportunities. <i>Resources, Conservation &amp; Recycling Advances</i> , 2024, 21, 200203.	2.5	0
561	Circular economy: A multilevel approach for natural resources and wastes under an agri-food perspective. <i>Water-Energy Nexus</i> , 2024, 7, 103-123.	4.0	0
562	The environmental impacts of reusable rice packaging: An extended comparative life cycle assessment. <i>Sustainable Production and Consumption</i> , 2024, 45, 333-347.	11.0	1
563	Introduction to circular economyâ€”a unique approach. , 2024, , 1-24.		0
564	Developing the Circularity and Sustainability Indicator Set for Companies in the Biomass Supply Chain. , 2023, , .		0
566	Transitioning to a Sustainable Business: Integrating the Sustainable Development Goals. , 2024, , .		0
567	Circular Business Models (CBMs) in Environmental Managementâ€”Analysis of Definitions, Typologies and Methods of Creation in Organizations. <i>Sustainability</i> , 2024, 16, 1209.	3.2	0
568	A comprehensive framework covering Life Cycle Sustainability Assessment, resource circularity and criticality. <i>Sustainable Production and Consumption</i> , 2024, 45, 509-524.	11.0	0
569	Circular economy in the Brazilian chemical industry: A proposal for a circularity index. <i>Cleaner Engineering and Technology</i> , 2024, 19, 100730.	4.0	0
570	Circular Economy in Buildings: Service Life Considerations of Paint. <i>Lecture Notes in Civil Engineering</i> , 2024, , 131-144.	0.4	0
571	Drivers and Barriers for the Adoption of Circular Economy Principles towards Efficient Resource Utilisation. <i>Sustainability</i> , 2024, 16, 1317.	3.2	0
572	Toward a greener energy transition: examining the effects of circular economy and carbon footprint for sustainable development. <i>Economic Change and Restructuring</i> , 2024, 57, .	5.0	0



#	ARTICLE	IF	CITATIONS
573	Development in the Circular Economy Concept: Systematic Review in Context of an Umbrella Framework. Sustainability, 2024, 16, 1500.	3.2	0
574	Heavy metals/-metalloids (As) phytoremediation with Landoltia punctata and Lemna sp. (duckweeds): coupling with biorefinery prospects for sustainable phytotechnologies. Environmental Science and Pollution Research, 2024, 31, 16216-16240.	5.3	0
575	A modeling framework to identify environmentally greener and lower-cost pathways of nanomaterials. Green Chemistry, 2024, 26, 3466-3478.	9.0	0
576	Using Natural Language Processing to monitor circular activities and employment. Sustainable Production and Consumption, 2024, 46, 42-53.	11.0	0
577	The appeal of the circular economy revisited: on track for transformative change or enabler of moral licensing?. Humanities and Social Sciences Communications, 2024, 11, .	2.9	0
578	Circularity assessment in a chemical company. Evaluation of mass-based vs. impact-based circularity. Resources, Conservation and Recycling, 2024, 204, 107458.	10.8	0
579	Measuring the Circular Economy Inside European Union, Using Sankey™s Diagram of Material Flows and Fuzzy Clustering. Springer Proceedings in Business and Economics, 2024, , 263-282.	0.3	0
580	Integrating circularity into Life Cycle Assessment: Circularity with a life cycle perspective. Cleaner Environmental Systems, 2024, 12, 100175.	4.2	0
581	Measuring the circular economy in Europe: Big differences among countries, great opportunities to converge. Sustainable Development, 0, , .	12.5	0
582	Circularity Micro-Indicators for Plastic Packaging and Their Relation to Circular Economy Principles and Design Tools. Sustainability, 2024, 16, 2182.	3.2	0
583	Spark Plasma Sintering of Mg-based Alloys: Microstructure, Mechanical Properties, Corrosion Behavior, and Tribological Performance. Journal of Magnesium and Alloys, 2024, , .	11.9	0
584	Circular Economy Self-assessment Tool for Hotels. SpringerBriefs in Business, 2024, , 101-118.	0.3	0
585	Municipal solid waste management in Scandinavia and key factors for improved waste segregation: A review. , 2024, 8, 100144.		0
586	Measuring and monitoring the transition to the circular economy of universities: CExUNV. Journal of Environmental Management, 2024, 356, 120492.	7.8	0
587	How to select the best approach for circular economy assessment? 3D positioning framework, decision support tool and critical analysis for bio-based systems. Environmental Impact Assessment Review, 2024, 106, 107493.	9.2	0
588	Accounting in the Context of a Circular Economy for Sustainable Development: A Systematic Network Study. Journal of Sustainability Research, 2024, 6, .	1.2	0
589	Deconstruction Information Model-Based Material Passports for Promoting Circular Economy in the AEC Industry through the Use of Building Information Modeling: A Literature Review. , 2024, , .		0
590	Towards circular economy indicators: Evidence from the European Union. Waste Management and Research, 0, , .	3.9	0

#	ARTICLE	IF	CITATIONS
591	Investigation on trommeled legacy waste from full-scale mining of old dumpsites: Suitable for valorization or scientific disposal?. Journal of Environmental Management, 2024, 356, 120580.	7.8	0