A systematic review of big data-based urban sustainabi and future directions

Journal of Cleaner Production 273, 123142

DOI: 10.1016/j.jclepro.2020.123142

Citation Report

#	Article	IF	CITATIONS
1	Assessing Sustainability Behavior and Environmental Performance of Urban Systems: A Systematic Review. Sustainability, 2020, 12, 7164.	3.2	7
2	Toward indicators of the performance of US infrastructures under climate change risks. Climatic Change, 2020, 163, 1795-1813.	3.6	8
3	Towards Sustainable Cities: Utilizing Floating Car Data to Support Location-Based Road Network Performance Measurements. Sustainability, 2020, 12, 8145.	3.2	3
4	Social Media Data for the Conservation of Historic Urban Landscapes: Prospects and Challenges. Lecture Notes in Computer Science, 2021, , 209-223.	1.3	2
5	Toward Bayesian Data Compression. Annalen Der Physik, 2021, 533, 2000508.	2.4	1
6	«SMART CITY» IN THE CONTEXT OF INTELEGENT SYSTEM AND BIG DATA: STRATEGIES, RISKS. Komunalʹne Gospodarstvo Mìst, 2021, 1, 241-249.	0.2	2
7	Landscape sustainability science (II): core questions and key approaches. Landscape Ecology, 2021, 36, 2453-2485.	4.2	110
8	Development trend of urban design in "digital age― Pan-dimensionality and individual-ubiquity. Frontiers of Structural and Civil Engineering, 2021, 15, 569-575.	2.9	2
9	Big Data and the United Nations Sustainable Development Goals (UN SDGs) at a Glance. Big Data and Cognitive Computing, 2021, 5, 28.	4.7	44
10	Leveraging big data in smart cities: A systematic review. Concurrency Computation Practice and Experience, 2021, 33, e6379.	2.2	30
11	SMART CITY IN THE CONTEXT OF BLOCKCHAIN TECHNOLOGY DEVELOPMENT. Komunalʹne Gospodarstvo Mìst, 2021, 3, 152-158.	0.2	1
12	A review of industrial big data for decision making in intelligent manufacturing. Engineering Science and Technology, an International Journal, 2022, 29, 101021.	3.2	57
13	Pattern Discovery for climate and environmental policy indicators. Environmental Science and Policy, 2021, 120, 89-98.	4.9	19
14	Influences of buildings on urban heat island based on 3D landscape metrics: an investigation of China's 30 megacities at micro grid-cell scale and macro city scale. Landscape Ecology, 2021, 36, 2743-2762.	4.2	28
15	The Nexus between Big Data and Sustainability: An Analysis of Current Trends and Developments. Sustainability, 2021, 13, 6632.	3.2	9
16	Deep Neural Network Utilizing Remote Sensing Datasets for Flood Hazard Susceptibility Mapping in Brisbane, Australia. Remote Sensing, 2021, 13, 2638.	4.0	50
17	Smart Cities' Applications to Facilitate the Mobility of Older Adults: A Systematic Review of the Literature. Applied Sciences (Switzerland), 2021, 11, 6395.	2.5	18
18	A Review of Artificial Intelligence to Enhance the Security of Big Data Systems: State-of-Art, Methodologies, Applications, and Challenges. Archives of Computational Methods in Engineering, 2022, 29, 1291-1309.	10.2	9

#	Article	IF	CITATIONS
19	Natural Disaster Prediction by Using Image Based Deep Learning and Machine Learning. Lecture Notes in Networks and Systems, 2022, , 56-66.	0.7	6
20	Conflicts between agricultural and ecological functions and their driving mechanisms in agroforestry ecotone areas from the perspective of land use functions. Journal of Cleaner Production, 2021, 317, 128453.	9.3	35
21	Digitalisation for Water Sustainability: Barriers to Implementing Circular Economy in Smart Water Management. Sustainability, 2021, 13, 11868.	3.2	17
22	A comparative analysis of Statistical and Computational Intelligence methodologies for the prediction of traffic-induced fine particulate matter and NO2. Journal of Cleaner Production, 2021, 328, 129500.	9.3	10
23	Design and Application of Security Monitoring and Management Platform Based on Internet of Things Technology. , 2020, , .		0
24	A Regional Industrial Economic Forecasting Model Based on a Deep Convolutional Neural Network and Big Data. Sustainability, 2021, 13, 12789.	3.2	10
25	Innovation Trajectories for a Society 5.0. Data, 2021, 6, 115.	2.3	17
26	Analysis of sustainability of Chinese cities based on network big data of city rankings. Ecological Indicators, 2021, 133, 108374.	6.3	12
27	Machine learning in landscape ecological analysis: a review of recent approaches. Landscape Ecology, 2022, 37, 1227-1250.	4.2	26
28	Innovations in circular economy for sustainable urban development. Marketing and Management of Innovations, 2021, 5, 196-209.	1.5	2
29	A Systematic Literature Review of Artificial Intelligence in Fashion Retail B2C. , 2021, , .		4
30	SURVIVABILITY AND SUSTAINABILITY OF SMART CITY INFORMATION SYSTEM COMPONENTS. Komunalʹne Gospodarstvo Mìst, 2021, 6, 20-27.	0.2	Ο
32	Regional Economic Prediction Model Using Backpropagation Integrated with Bayesian Vector Neural Network in Big Data Analytics. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.7	2
33	Urban Resilience for Urban Sustainability: Concepts, Dimensions, and Perspectives. Sustainability, 2022, 14, 2481.	3.2	72
34	The Research Development of Hedonic Price Model-Based Real Estate Appraisal in the Era of Big Data. Land, 2022, 11, 334.	2.9	22
35	Systematic literature review of context-awareness applications supported by smart cities' infrastructures. SN Applied Sciences, 2022, 4, 1.	2.9	13
36	Spatio-Temporal Patterns of Fitness Behavior in Beijing Based on Social Media Data. Sustainability, 2022, 14, 4106.	3.2	3
37	The role of digital technologies to unleash a green recovery: pathways and pitfalls to achieve the European Green Deal. Journal of Enterprise Information Management, 2022, 35, 266-294.	7.5	21

#	Article	IF	CITATIONS
38	A Bibliometric and Visual Analysis of Global Urban Resilience Research in 2011–2020: Development and Hotspots. Sustainability, 2022, 14, 229.	3.2	12
39	Automatic classification of rural building characteristics using deep learning methods on oblique photography. Building Simulation, 2022, 15, 1161-1174.	5.6	20
40	Multi-Features Classification of SMD Screen in Smart Cities using Randomised Machine Learning Algorithms. , 2021, , .		0
41	Big data analysis for decision-making processes: challenges and opportunities for the management of health-care organizations. Management Research Review, 2023, 46, 369-389.	2.7	7
42	Big Data-Driven Urban Management: Potential for Urban Sustainability. Land, 2022, 11, 680.	2.9	13
43	Smart Cities for Sustainable Development: An Overview. Advances in Geographical and Environmental Sciences, 2022, , 1-12.	0.6	1
44	An approach to urban landscape character assessment: Linking urban big data and machine learning. Sustainable Cities and Society, 2022, 83, 103983.	10.4	10
45	A Literature Review of Big Data-Based Urban Park Research in Visitor Dimension. Land, 2022, 11, 864.	2.9	4
46	Design and Implementation of Smart Community Big Data Dynamic Analysis Model Based on Logistic Regression Model. Computational Intelligence and Neuroscience, 2022, 2022, 1-11.	1.7	4
47	Digital Sustainable Development and New Musiness Models – A Literature Review. SSRN Electronic Journal, 0, , .	0.4	0
48	Urban Sustainability: Integrating Socioeconomic and Environmental Data for Multi-Objective Assessment. Sustainability, 2022, 14, 9142.	3.2	7
49	Google Mobility Data as a Predictor for Tourism in Romania during the COVID-19 Pandemic—A Structural Equation Modeling Approach for Big Data. Electronics (Switzerland), 2022, 11, 2317.	3.1	6
50	Urban greenspace helps ameliorate people's negative sentiments during the COVID-19 pandemic: The case of Beijing. Building and Environment, 2022, 223, 109449.	6.9	14
51	Mixed approach to assess urban sustainability and resilience – A spatio-temporal perspective. City and Environment Interactions, 2022, 16, 100088.	4.2	5
52	A New Approach to Monitoring Urban Built-Up Areas in Kunming and Yuxi from 2012 to 2021: Promoting Healthy Urban Development and Efficient Governance. International Journal of Environmental Research and Public Health, 2022, 19, 12198.	2.6	6
53	Recent Synergies of Machine Learning and Neurorobotics: A Bibliometric and Visualized Analysis. Symmetry, 2022, 14, 2264.	2.2	1
54	Smart City Applications to Promote Citizen Participation in City Management and Governance: A Systematic Review. Informatics, 2022, 9, 89.	3.9	8
55	Seasonal effects of urban morphology on land surface temperature in a three-dimensional perspective: A case study in Hangzhou, China. Building and Environment, 2023, 228, 109913.	6.9	13

#	Article	IF	CITATIONS
56	Backcasting frugally innovative smart sustainable future cities. Journal of Cleaner Production, 2023, 383, 135300.	9.3	3
57	Role of Environmental Sustainability, Psychological and Managerial Supports for Determining Bankers' Green Banking Usage Behavior: An Integrated Framework. Psychology Research and Behavior Management, 0, Volume 15, 3751-3773.	2.8	6
58	Legal governance countermeasures for social problems based on the clustering algorithm under the application of big data technology. IET Networks, 0, , .	1.8	1
59	Measuring the sustainability of neighborhoods: A systematic literature review. IScience, 2023, 26, 105951.	4.1	2
60	Sustainable City Evaluation Using the Database for Estimation of Road Network Performance. Sustainability, 2023, 15, 733.	3.2	0
61	Creation of Sustainable Enterprises from the Female Directionality. Environmental Footprints and Eco-design of Products and Processes, 2023, , 163-187.	1.1	2
62	Effectiveness of Renewable Energy Policies in Promoting Green Entrepreneurship: A Global Benchmark Comparison. Environmental Footprints and Eco-design of Products and Processes, 2023, , 47-87.	1.1	2
63	Growing the Green Entrepreneurial Intention Among Youth—A Worldwide Comparative Analysis. Environmental Footprints and Eco-design of Products and Processes, 2023, , 189-210.	1.1	0
64	Theory of Sustainable Paths for Entrepreneurship Associated with Fashion and Practical Examples. Environmental Footprints and Eco-design of Products and Processes, 2023, , 89-116.	1.1	0
65	Green Entrepreneurship—Added Value as a Strategic Orientation Business Model. Environmental Footprints and Eco-design of Products and Processes, 2023, , 17-45.	1.1	2
66	Taxi and urban mobility studies: A bibliometric analysis. Transport Policy, 2023, 133, 144-155.	6.6	5
67	Strategies in Small Businesses to Combat Plastic Overproduction. Environmental Footprints and Eco-design of Products and Processes, 2023, , 117-145.	1.1	0
68	Effectiveness of Mobility and Urban Sustainability Measures in Improving Citizen Health: A Scoping Review. International Journal of Environmental Research and Public Health, 2023, 20, 2649.	2.6	2
69	Sürdürülebilir İşletmeler İçin Yeni Bir Çözüm Olan Blok Zinciri Teknolojisi Üzerine Sistematik B İnceleme. İzmir İktisat Dergisi, 0, , .	^{ir} 0.6	0
70	Data science leverage and big data analysis for Internet of Things energy systems. , 2023, , 87-109.		0
71	Crowdsourcing Technologies to Promote Citizens' Participation in Smart Cities, a Scoping Review. Procedia Computer Science, 2023, 219, 303-311.	2.0	0
72	Smart Mobility in Urban Areas: A Bibliometric Review and Research Agenda. Sustainability, 2023, 15, 6754.	3.2	2
73	Data-driven comparison of urban sustainability towards sustainable urban development under sustainable development goals (SDGs): a review based on bibliometric analysis. Frontiers in Energy Research, 0, 11	2.3	2

#	Article	IF	CITATIONS
74	Key technologies and developments of multi-energy system: Three-layer framework, modelling and optimisation. Energy, 2023, 277, 127697.	8.8	4
75	Data Layout and Scheduling Tasks in a Meteorological Cloud Environment. Intelligent Automation and Soft Computing, 2023, 37, 1033-1052.	2.1	0
76	Citizens' Participation in the Co-Design of Smart Cities' Applications, a Scoping Review. , 2022, , .		0
77	Quantitative Analysis of Spatial Heterogeneity and Driving Forces of the Urban Spatial Structure's Development Level Based on Multi-Source Big Data: A Case Study of Beijing, China. Land, 2023, 12, 1178.	2.9	0
78	Evaluation of a smartphone-based methodology that integrates long-term tracking of mobility, place experiences, heart rate variability, and subjective well-being. Heliyon, 2023, 9, e15751.	3.2	1
79	Artificial Intelligence in Business-to-Customer Fashion Retail: A Literature Review. Mathematics, 2023, 11, 2943.	2.2	3
80	An Overview of Big Data Concepts, Methods, and Analytics: Challenges, Issues, and Opportunities. , 2023, , .		1
81	Spatiotemporal informer: A new approach based on spatiotemporal embedding and attention for air quality forecasting. Environmental Pollution, 2023, 336, 122402.	7.5	4
82	A Systematic Bibliometric Analysis of the Real Estate Bubble Phenomenon: A Comprehensive Review of the Literature from 2007 to 2022. International Journal of Financial Studies, 2023, 11, 106.	2.3	0
83	Urban water scarcity in China: A systematic review of research advances and future directions. Applied Geography, 2023, 159, 103069.	3.7	1
84	DIGITAL VIOLENCE AND WOMEN: SYSTEMATIZATION OF RESEARCHS AND SUGGESTIONS FOR FUTURE RESEARCH. Anadolu Ul^niversitesi Il‡ktisadi Ve Il‡dari Bilimler Fakul^ltesi Dergisi, 2023, 24, 359-398.	0.6	0
85	What is going on with studies on financial speculation? Evidence from a bibliometric analysis. International Review of Economics and Finance, 2024, 89, 429-445.	4.5	1
86	The impact of business intelligence, big data analytics capability, and green knowledge management on sustainability performance. Journal of Cleaner Production, 2023, 429, 139410.	9.3	1
87	Evaluation of Social Media Marketing Literature in the Tourism Industry Using PRISMA. Journal of Creative Communications, 0, , .	1.7	0
88	Measuring the Multiple Functions and Tradeoffs among Streets: A New Framework Using the Deep Learning Method. ISPRS International Journal of Geo-Information, 2023, 12, 486.	2.9	0
89	Big Data in Driving Greener Social Welfare and Sustainable Environmental Management. Advances in Business Information Systems and Analytics Book Series, 2023, , 328-343.	0.4	0
90	A systematic literature network analysis of green information technology for sustainability: Toward smart and sustainable livelihoods. Technological Forecasting and Social Change, 2024, 199, 123053.	11.6	0
91	The Path Towards Society 5.0 of Colombian Companies. Springer Proceedings in Complexity, 2024, , 15-26.	0.3	0

#	Article	IF	CITATIONS
92	Research contribution of bibliometric studies related to sustainable development goals and sustainability. Discover Sustainability, 2024, 5, .	2.8	0