Nuri C. Onat

List of Publications by Year
in descending order

53 papers	2,906 citations	185998 28 h-index	189595 50 g-index
53 all docs	53 docs citations	53 times ranked	2365 citing authors

#	Article	IF	Citations
1	Selection of alternative fuel taxis: a hybridized approach of life cycle sustainability assessment and multi-criteria decision making with neutrosophic sets. International Journal of Sustainable Transportation, 2022, 16, 833-846.	2.1	7
2	How to compare sustainability impacts of alternative fuel Vehicles?. Transportation Research, Part D: Transport and Environment, 2022, 102, 103129.	3.2	11
3	Environmental efficiency of electric vehicles in Europe under various electricity production mix scenarios. Journal of Cleaner Production, 2022, 335, 130291.	4.6	28
4	How sustainable is liquefied natural gas supply chain? An integrated life cycle sustainability assessment model. Energy Conversion and Management: X, 2022, 15, 100246.	0.9	1
5	A frontierâ€based managerial approach for relative sustainability performance assessment of the world's airports. Sustainable Development, 2021, 29, 89-107.	6.9	13
6	Circular economy application for a Green Stadium construction towards sustainable FIFA world cup Qatar 2022â„¢. Environmental Impact Assessment Review, 2021, 87, 106543.	4.4	27
7	Sustainable Transportation in Qatar. , 2021, , .		3
8	How ecoâ€efficient are electric vehicles across Europe? A regionalized life cycle assessmentâ€based ecoâ€efficiency analysis. Sustainable Development, 2021, 29, 941-956.	6.9	23
9	A novel approach for developing composite eco-efficiency indicators: The case for US food consumption. Journal of Cleaner Production, 2021, 299, 126931.	4.6	8
10	A mixed model-based Johnson's relative weights for eco-efficiency assessment: The case for global food consumption. Environmental Impact Assessment Review, 2021, 89, 106588.	4.4	12
11	A model for estimating the carbon footprint of maritime transportation of Liquefied Natural Gas under uncertainty. Sustainable Production and Consumption, 2021, 27, 1602-1613.	5.7	20
12	The Adoption of Electric Vehicles in Qatar Can Contribute to Net Carbon Emission Reduction but Requires Strong Government Incentives. Vehicles, 2021, 3, 618-635.	1.7	20
13	Life Cycle Air Emissions and Social Human Health Impact Assessment of Liquified Natural Gas Maritime Transport. Energies, 2021, 14, 6208.	1.6	2
14	How circular design can contribute to social sustainability and legacy of the FIFA World Cup Qatar 2022â„¢? The case of innovative shipping container stadium. Environmental Impact Assessment Review, 2021, 91, 106665.	4.4	24
15	A Novel Hybrid Life Cycle Assessment Approach to Air Emissions and Human Health Impacts of Liquefied Natural Gas Supply Chain. Energies, 2021, 14, 6278.	1.6	4
16	How Can Collaborative Circular Economy Practices in Modular Construction Help FÃ©dÃ©ration Internationale de Football Association World Cup Qatar 2022 to Achieve Its Quest for Sustainable Development and Ecological Systems?. Frontiers in Sustainability, 2021, 2, .	1.3	3
17	Sustainability assessment and modeling based on supervised machine learning techniques: The case for food consumption. Journal of Cleaner Production, 2020, 251, 119661.	4.6	58
18	Life cycle sustainability assessment of autonomous heavyâ€duty trucks. Journal of Industrial Ecology, 2020, 24, 149-164.	2.8	26

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19	Carbon footprint of construction industry: A global review and supply chain analysis. Renewable and Sustainable Energy Reviews, 2020, 124, 109783.	8.2	105
20	A system thinking approach for harmonizing smart and sustainable city initiatives with United Nations sustainable development goals. Sustainable Development, 2020, 28, 1347-1365.	6.9	62
21	From sustainability assessment to sustainability management for policy development: The case for electric vehicles. Energy Conversion and Management, 2020, 216, 112937.	4.4	33
22	Life Cycle Sustainability Assessment of Sport Utility Vehicles: The Case for Qatar. Advances in Intelligent Systems and Computing, 2020, , 279-287.	0.5	5
23	Supply Chain Linked Sustainability Assessment of Electric Vehicles: the Case for Qatar. , 2019, , .		4
24	Assessing regional and global environmental footprints and value added of the largest food producers in the world. Resources, Conservation and Recycling, 2019, 144, 187-197.	5.3	46
25	Exploring the Social, Economic and Environmental Footprint of Food Consumption: A Supply Chain-linked Sustainability Assessment. , 2019, , .		0
26	How sustainable is electric mobility? A comprehensive sustainability assessment approach for the case of Qatar. Applied Energy, 2019, 250, 461-477.	5.1	72
27	Water and carbon footprint reduction potential of renewable energy in the United States: A policy analysis using system dynamics. Journal of Cleaner Production, 2019, 228, 910-926.	4.6	39
28	Eco-efficiency of electric vehicles in the United States: A life cycle assessment based principal component analysis. Journal of Cleaner Production, 2019, 212, 515-526.	4.6	66
29	Material footprint of electric vehicles: A multiregional life cycle assessment. Journal of Cleaner Production, 2019, 209, 1033-1043.	4.6	54
30	Well-to-wheel water footprints of conventional versus electric vehicles in the United States: A state-based comparative analysis. Journal of Cleaner Production, 2018, 204, 788-802.	4.6	39
31	Material dependence of national energy development plans: The case for Turkey and United Kingdom. Journal of Cleaner Production, 2018, 200, 490-500.	4.6	27
32	An Integrated Dynamical Modeling Perspective for Infrastructure Resilience. Infrastructures, 2018, 3, 11.	1.4	5
33	Global Carbon Footprint Analysis of Turkish Construction Industry. Sakarya University Journal of Science, 2018, 22, 529-547.	0.3	4
34	Exploring the suitability of electric vehicles in the United States. Energy, 2017, 121, 631-642.	4.5	71
35	Public transportation adoption requires a paradigm shift in urban development structure. Journal of Cleaner Production, 2017, 142, 1789-1799.	4.6	36
36	A framework for water and carbon footprint analysis of national electricity production scenarios. Energy, 2017, 139, 406-421.	4.5	47

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37	Exploring the material footprints of national electricity production scenarios until 2050: The case for Turkey and UK. Resources, Conservation and Recycling, 2017, 125, 251-263.	5.3	27
38	The Climate Change-Road Safety-Economy Nexus: A System Dynamics Approach to Understanding Complex Interdependencies. Systems, 2017, 5, 6.	1.2	28
39	Systems Thinking for Life Cycle Sustainability Assessment: A Review of Recent Developments, Applications, and Future Perspectives. Sustainability, 2017, 9, 706.	1.6	167
40	Integration of system dynamics approach toward deepening and broadening the life cycle sustainability assessment framework: a case for electric vehicles. International Journal of Life Cycle Assessment, 2016, 21, 1009-1034.	2.2	115
41	Energy-climate-manufacturing nexus: New insights from the regional and global supply chains of manufacturing industries. Applied Energy, 2016, 184, 889-904.	5.1	96
42	Uncertainty-embedded dynamic life cycle sustainability assessment framework: An ex-ante perspective on the impacts of alternative vehicle options. Energy, 2016, 112, 715-728.	4.5	68
43	Carbon and energy footprints of electric delivery trucks: A hybrid multi-regional input-output life cycle assessment. Transportation Research, Part D: Transport and Environment, 2016, 47, 195-207.	3.2	87
44	Light-duty electric vehicles to improve the integrity of the electricity grid through Vehicle-to-Grid technology: Analysis of regional net revenue and emissions savings. Applied Energy, 2016, 168, 146-158.	5.1	95
45	Investigating carbon footprint reduction potential of public transportation in United States: A system dynamics approach. Journal of Cleaner Production, 2016, 133, 1260-1276.	4.6	96
46	Application of the TOPSIS and intuitionistic fuzzy set approaches for ranking the life cycle sustainability performance of alternative vehicle technologies. Sustainable Production and Consumption, 2016, 6, 12-25.	5.7	130
47	Combined application of multi-criteria optimization and life-cycle sustainability assessment for optimal distribution of alternative passenger cars in U.S.. Journal of Cleaner Production, 2016, 112, 291-307.	4.6	99
48	A global, scope-based carbon footprint modeling for effective carbon reduction policies: Lessons from the Turkish manufacturing. Sustainable Production and Consumption, 2015, 1, 47-66.	5.7	61
49	Conventional, hybrid, plug-in hybrid or electric vehicles? State-based comparative carbon and energy footprint analysis in the United States. Applied Energy, 2015, 150, 36-49.	5.1	275
50	Towards Life Cycle Sustainability Assessment of Alternative Passenger Vehicles. Sustainability, 2014, 6, 9305-9342.	1.6	109
51	Towards greening the U.S. residential building stock: A system dynamics approach. Building and Environment, 2014, 78, 68-80.	3.0	121
52	Integrating triple bottom line inputâ€“output analysis into life cycle sustainability assessment framework: the case for US buildings. International Journal of Life Cycle Assessment, 2014, 19, 1488-1505.	2.2	139
53	Scope-based carbon footprint analysis of U.S. residential and commercial buildings: An inputâ€“output hybrid life cycle assessment approach. Building and Environment, 2014, 72, 53-62.	3.0	188