

Derek D Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5568132/publications.pdf>

Version: 2024-02-01

29
papers

801
citations

516710
16
h-index

526287
27
g-index

31
all docs

31
docs citations

31
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	DEA environmental assessment on U.S. Industrial sectors: Investment for improvement in operational and environmental performance to attain corporate sustainability. <i>Energy Economics</i> , 2014, 45, 254-267.	12.1	87
2	Sustainability development for supply chain management in U.S. petroleum industry by DEA environmental assessment. <i>Energy Economics</i> , 2014, 46, 360-374.	12.1	86
3	Radial and non-radial approaches for environmental assessment by Data Envelopment Analysis: Corporate sustainability and effective investment for technology innovation. <i>Energy Economics</i> , 2014, 45, 537-551.	12.1	79
4	Assessment of large commercial rooftop photovoltaic system installations: Evidence from California. <i>Applied Energy</i> , 2017, 188, 45-55.	10.1	56
5	Seasonal Energy Storage Operations with Limited Flexibility: The Price-Adjusted Rolling Intrinsic Policy. <i>Manufacturing and Service Operations Management</i> , 2012, 14, 455-471.	3.7	52
6	Performance assessment of major global cities by DEA and Malmquist index analysis. <i>Computers, Environment and Urban Systems</i> , 2019, 77, 101365.	7.1	49
7	Performance-based resource allocation for higher education institutions in China. <i>Socio-Economic Planning Sciences</i> , 2019, 65, 66-75.	5.0	44
8	Climate change mitigation targets set by global firms: Overview and implications for renewable energy. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 94, 386-398.	16.4	41
9	Assessing road transport sustainability by combining environmental impacts and safety concerns. <i>Transportation Research, Part D: Transport and Environment</i> , 2019, 77, 212-223.	6.8	41
10	Malmquist index measurement for sustainability enhancement in Chinese municipalities and provinces. <i>Energy Economics</i> , 2017, 67, 554-571.	12.1	37
11	Measuring scale efficiency and returns to scale on large commercial rooftop photovoltaic systems in California. <i>Energy Economics</i> , 2017, 65, 389-398.	12.1	31
12	DEA environmental assessment on US petroleum industry: Non-radial approach with translation invariance in time horizon. <i>Energy Economics</i> , 2018, 72, 276-289.	12.1	28
13	Sustainable development of countries all over the world and the impact of renewable energy. <i>Renewable Energy</i> , 2022, 184, 320-331.	8.9	24
14	Rank dynamics and club convergence of sustainable development for countries around the world. <i>Journal of Cleaner Production</i> , 2020, 250, 119480.	9.3	19
15	Determinants of climate change mitigation technology portfolio: An empirical study of major U.S. firms. <i>Journal of Cleaner Production</i> , 2018, 196, 202-215.	9.3	18
16	Do United States manufacturing companies benefit from climate change mitigation technologies?. <i>Journal of Cleaner Production</i> , 2017, 161, 821-830.	9.3	17
17	Carbon Emission Performance of Independent Oil and Natural Gas Producers in the United States. <i>Sustainability</i> , 2018, 10, 110.	3.2	16
18	Ranking global cities based on economic performance and climate change mitigation. <i>Sustainable Cities and Society</i> , 2020, 62, 102395.	10.4	16

#	ARTICLE	IF	CITATIONS
19	Assessment of U.S. firm-level climate change performance and strategy. Energy Policy, 2016, 92, 432-443.	8.8	14
20	Hospital efficiency and equity in health care delivery: A study based in China. Socio-Economic Planning Sciences, 2021, 76, 100964.	5.0	13
21	A Comparative Study of Firm-Level Climate Change Mitigation Targets in the European Union and the United States. Sustainability, 2017, 9, 489.	3.2	7
22	Unravelling the Effects of the Environmental Technology Portfolio on Corporate Sustainable Development. Corporate Social Responsibility and Environmental Management, 2018, 25, 457-472.	8.7	7
23	Ranking multiple-input and multiple-output units: A comparative study of data envelopment analysis and rank aggregation. Expert Systems With Applications, 2020, 160, 113687.	7.6	6
24	Determinants of Corporate Climate Change Mitigation Targets in Major United States Companies. Journal of Sustainable Development, 2017, 10, 71.	0.3	3
25	Regional Sustainable Development with Environmental Performance: Measuring Growth Indexes on Chinese Provinces. Energies, 2020, 13, 2047.	3.1	3
26	Asset Selling Under Debt Obligations. Operations Research, 2021, 69, 1305-1323.	1.9	3
27	Efficiency assessment and resource allocation for hospitals by data envelopment analysis. , 2017, , .		2
28	The evolution of safety-adjusted transportation efficiency for the road system in China. Accident Analysis and Prevention, 2021, 160, 106300.	5.7	2
29	Designing the price controller for the dynamic pricing of self-storage. International Journal of Production Research, 2019, 57, 2656-2674.	7.5	0