

Derek D Wang

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

801
citations

516215

16
h-index

525886

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.	5.6	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.	5.6	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.	5.6	79
4	Assessment of large commercial rooftop photovoltaic system installations: Evidence from California. <i>Applied Energy</i> , 2017, 188, 45-55.	5.1	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.	2.3	52
6	Performance assessment of major global cities by DEA and Malmquist index analysis. <i>Computers, Environment and Urban Systems</i> , 2019, 77, 101365.	3.3	49
7	Performance-based resource allocation for higher education institutions in China. <i>Socio-Economic Planning Sciences</i> , 2019, 65, 66-75.	2.5	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.	8.2	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.	3.2	41
10	Malmquist index measurement for sustainability enhancement in Chinese municipalities and provinces. <i>Energy Economics</i> , 2017, 67, 554-571.	5.6	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.	5.6	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.	5.6	28
13	Sustainable development of countries all over the world and the impact of renewable energy. <i>Renewable Energy</i> , 2022, 184, 320-331.	4.3	24
14	Rank dynamics and club convergence of sustainable development for countries around the world. <i>Journal of Cleaner Production</i> , 2020, 250, 119480.	4.6	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.	4.6	18
16	Do United States manufacturing companies benefit from climate change mitigation technologies?. <i>Journal of Cleaner Production</i> , 2017, 161, 821-830.	4.6	17
17	Carbon Emission Performance of Independent Oil and Natural Gas Producers in the United States. <i>Sustainability</i> , 2018, 10, 110.	1.6	16
18	Ranking global cities based on economic performance and climate change mitigation. <i>Sustainable Cities and Society</i> , 2020, 62, 102395.	5.1	16

#	ARTICLE	IF	CITATIONS
19	Assessment of U.S. firm-level climate change performance and strategy. <i>Energy Policy</i> , 2016, 92, 432-443.	4.2	14
20	Hospital efficiency and equity in health care delivery: A study based in China. <i>Socio-Economic Planning Sciences</i> , 2021, 76, 100964.	2.5	13
21	A Comparative Study of Firm-Level Climate Change Mitigation Targets in the European Union and the United States. <i>Sustainability</i> , 2017, 9, 489.	1.6	7
22	Unravelling the Effects of the Environmental Technology Portfolio on Corporate Sustainable Development. <i>Corporate Social Responsibility and Environmental Management</i> , 2018, 25, 457-472.	5.0	7
23	Ranking multiple-input and multiple-output units: A comparative study of data envelopment analysis and rank aggregation. <i>Expert Systems With Applications</i> , 2020, 160, 113687.	4.4	6
24	Determinants of Corporate Climate Change Mitigation Targets in Major United States Companies. <i>Journal of Sustainable Development</i> , 2017, 10, 71.	0.1	3
25	Regional Sustainable Development with Environmental Performance: Measuring Growth Indexes on Chinese Provinces. <i>Energies</i> , 2020, 13, 2047.	1.6	3
26	Asset Selling Under Debt Obligations. <i>Operations Research</i> , 2021, 69, 1305-1323.	1.2	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. <i>Accident Analysis and Prevention</i> , 2021, 160, 106300.	3.0	2
29	Designing the price controller for the dynamic pricing of self-storage. <i>International Journal of Production Research</i> , 2019, 57, 2656-2674.	4.9	0