

# 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	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
2	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
3	Asset Selling Under Debt Obligations. <i>Operations Research</i> , 2021, 69, 1305-1323.	1.2	3
4	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
5	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
6	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
7	Ranking global cities based on economic performance and climate change mitigation. <i>Sustainable Cities and Society</i> , 2020, 62, 102395.	5.1	16
8	Regional Sustainable Development with Environmental Performance: Measuring Growth Indexes on Chinese Provinces. <i>Energies</i> , 2020, 13, 2047.	1.6	3
9	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
10	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
11	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
12	Performance-based resource allocation for higher education institutions in China. <i>Socio-Economic Planning Sciences</i> , 2019, 65, 66-75.	2.5	44
13	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
14	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
15	Carbon Emission Performance of Independent Oil and Natural Gas Producers in the United States. <i>Sustainability</i> , 2018, 10, 110.	1.6	16
16	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
17	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
18	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

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19	Efficiency assessment and resource allocation for hospitals by data envelopment analysis. , 2017, , .		2
20	Assessment of large commercial rooftop photovoltaic system installations: Evidence from California. Applied Energy, 2017, 188, 45-55.	5.1	56
21	Malmquist index measurement for sustainability enhancement in Chinese municipalities and provinces. Energy Economics, 2017, 67, 554-571.	5.6	37
22	Do United States manufacturing companies benefit from climate change mitigation technologies?. Journal of Cleaner Production, 2017, 161, 821-830.	4.6	17
23	A Comparative Study of Firm-Level Climate Change Mitigation Targets in the European Union and the United States. Sustainability, 2017, 9, 489.	1.6	7
24	Determinants of Corporate Climate Change Mitigation Targets in Major United States Companies. Journal of Sustainable Development, 2017, 10, 71.	0.1	3
25	Assessment of U.S. firm-level climate change performance and strategy. Energy Policy, 2016, 92, 432-443.	4.2	14
26	Sustainability development for supply chain management in U.S. petroleum industry by DEA environmental assessment. Energy Economics, 2014, 46, 360-374.	5.6	86
27	DEA environmental assessment on U.S. Industrial sectors: Investment for improvement in operational and environmental performance to attain corporate sustainability. Energy Economics, 2014, 45, 254-267.	5.6	87
28	Radial and non-radial approaches for environmental assessment by Data Envelopment Analysis: Corporate sustainability and effective investment for technology innovation. Energy Economics, 2014, 45, 537-551.	5.6	79
29	Seasonal Energy Storage Operations with Limited Flexibility: The Price-Adjusted Rolling Intrinsic Policy. Manufacturing and Service Operations Management, 2012, 14, 455-471.	2.3	52