

Justin D K Bishop

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1887637/publications.pdf>

Version: 2024-02-01

30
papers

1,108
citations

567281

15
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

1529
citing authors

#	ARTICLE	IF	CITATIONS
1	Realizing the electric-vehicle revolution. <i>Nature Climate Change</i> , 2012, 2, 328-333.	18.8	235
2	Evaluating the impact of V2G services on the degradation of batteries in PHEV and EV. <i>Applied Energy</i> , 2013, 111, 206-218.	10.1	153
3	Simulating early adoption of alternative fuel vehicles for sustainability. <i>Technological Forecasting and Social Change</i> , 2013, 80, 865-875.	11.6	107
4	Engine maps of fuel use and emissions from transient driving cycles. <i>Applied Energy</i> , 2016, 183, 202-217.	10.1	81
5	Modeling of photovoltaic power generation and electric vehicles charging on city-scale: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 89, 61-71.	16.4	81
6	Cost-effectiveness of alternative powertrains for reduced energy use and CO2 emissions in passenger vehicles. <i>Applied Energy</i> , 2014, 124, 44-61.	10.1	59
7	A robust, data-driven methodology for real-world driving cycle development. <i>Transportation Research, Part D: Transport and Environment</i> , 2012, 17, 389-397.	6.8	57
8	Evaluation of small wind turbines in distributed arrangement as sustainable wind energy option for Barbados. <i>Energy Conversion and Management</i> , 2008, 49, 1652-1661.	9.2	47
9	Household electricity use, electric vehicle home-charging and distributed photovoltaic power production in the city of Westminster. <i>Energy and Buildings</i> , 2015, 86, 439-448.	6.7	44
10	Investigating the technical, economic and environmental performance of electric vehicles in the real-world: A case study using electric scooters. <i>Journal of Power Sources</i> , 2011, 196, 10094-10104.	7.8	34
11	Using portable emissions measurement systems (PEMS) to derive more accurate estimates of fuel use and nitrogen oxides emissions from modern Euro 6 passenger cars under real-world driving conditions. <i>Applied Energy</i> , 2019, 242, 942-973.	10.1	34
12	Estimating the grid payments necessary to compensate additional costs to prospective electric vehicle owners who provide vehicle-to-grid ancillary services. <i>Energy</i> , 2016, 94, 715-727.	8.8	30
13	Innovation, the diesel engine and vehicle markets: Evidence from OECD engine patents. <i>Transportation Research, Part D: Transport and Environment</i> , 2014, 27, 51-58.	6.8	22
14	Can UK passenger vehicles be designed to meet 2020 emissions targets? A novel methodology to forecast fuel consumption with uncertainty analysis. <i>Applied Energy</i> , 2015, 157, 929-939.	10.1	18
15	Using strong sustainability to optimize electricity generation fuel mixes. <i>Energy Policy</i> , 2008, 36, 971-980.	8.8	17
16	Linking energy policy, electricity generation and transmission using strong sustainability and co-optimization. <i>Electric Power Systems Research</i> , 2010, 80, 633-641.	3.6	14
17	Organic Architecture for Small- to Large-Scale Photovoltaic Power Stations. <i>IEEE Transactions on Industrial Electronics</i> , 2009, 56, 4332-4343.	7.9	13
18	Quantifying the limits of HANPP and carbon emissions which prolong total species well-being. <i>Environment, Development and Sustainability</i> , 2010, 12, 213-231.	5.0	12

#	ARTICLE	IF	CITATIONS
19	Vehicle telematics data for urban freight environmental impact analysis. Transportation Research, Part D: Transport and Environment, 2022, 102, 103121.	6.8	11
20	Quantifying the role of vehicle size, powertrain technology, activity and consumer behaviour on new UK passenger vehicle fleet energy use and emissions under different policy objectives. Applied Energy, 2016, 180, 196-212.	10.1	10
21	How Well Do We Know the Future of CO ₂ Emissions? Projecting Fleet Emissions from Light Duty Vehicle Technology Drivers. Environmental Science & Technology, 2017, 51, 3093-3101.	10.0	10
22	Identifying the fuels and energy conversion technologies necessary to meet European passenger car emissions legislation to 2020. Fuel, 2012, 99, 88-105.	6.4	8
23	Using non-parametric statistics to identify the best pathway for supplying hydrogen as a road transport fuel. International Journal of Hydrogen Energy, 2011, 36, 9382-9395.	7.1	3
24	Emissions, performance, and design of UK passenger vehicles. International Journal of Sustainable Transportation, 2017, 11, 230-236.	4.1	3
25	Using strong sustainability to optimize electricity generation fuel mixes. , 2008, , .		1
26	Linking energy policy, electricity generation and transmission using strong sustainability and co-optimization. , 2009, , .		1
27	Using Electric Vehicles for Road Transport. , 2012, , 223-252.		1
28	Resource Rents, Democracy & the Eight Policy Lessons. Revista Mexicana De EconomÃa Y Finanzas Nueva Ãpoca (remef), 2020, 15, 599-620.	0.2	1
29	Decarbonising Transport with Intelligent Mobility. Lecture Notes in Energy, 2022, , 163-172.	0.3	1
30	Estimating the grid payments necessary to compensate additional costs to prospective electric vehicle owners who provide vehicle-to-grid ancillary services. SSRN Electronic Journal, 0, , .	0.4	0