

Justin D K Bishop

List of Publications by Year in descending order

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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	Vehicle telematics data for urban freight environmental impact analysis. Transportation Research, Part D: Transport and Environment, 2022, 102, 103121.	6.8	11
2	Decarbonising Transport with Intelligent Mobility. Lecture Notes in Energy, 2022, , 163-172.	0.3	1
3	Resource Rents, Democracy & the Eight Policy Lessons. Revista Mexicana De Economía Y Finanzas Nueva Época (remef), 2020, 15, 599-620.	0.2	1
4	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. Applied Energy, 2019, 242, 942-973.	10.1	34
5	Modeling of photovoltaic power generation and electric vehicles charging on city-scale: A review. Renewable and Sustainable Energy Reviews, 2018, 89, 61-71.	16.4	81
6	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
7	Emissions, performance, and design of UK passenger vehicles. International Journal of Sustainable Transportation, 2017, 11, 230-236.	4.1	3
8	Engine maps of fuel use and emissions from transient driving cycles. Applied Energy, 2016, 183, 202-217.	10.1	81
9	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
10	Estimating the grid payments necessary to compensate additional costs to prospective electric vehicle owners who provide vehicle-to-grid ancillary services. Energy, 2016, 94, 715-727.	8.8	30
11	Can UK passenger vehicles be designed to meet 2020 emissions targets? A novel methodology to forecast fuel consumption with uncertainty analysis. Applied Energy, 2015, 157, 929-939.	10.1	18
12	Household electricity use, electric vehicle home-charging and distributed photovoltaic power production in the city of Westminster. Energy and Buildings, 2015, 86, 439-448.	6.7	44
13	Innovation, the diesel engine and vehicle markets: Evidence from OECD engine patents. Transportation Research, Part D: Transport and Environment, 2014, 27, 51-58.	6.8	22
14	Cost-effectiveness of alternative powertrains for reduced energy use and CO ₂ emissions in passenger vehicles. Applied Energy, 2014, 124, 44-61.	10.1	59
15	Evaluating the impact of V2G services on the degradation of batteries in PHEV and EV. Applied Energy, 2013, 111, 206-218.	10.1	153
16	Simulating early adoption of alternative fuel vehicles for sustainability. Technological Forecasting and Social Change, 2013, 80, 865-875.	11.6	107
17	Realizing the electric-vehicle revolution. Nature Climate Change, 2012, 2, 328-333.	18.8	235
18	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

#	ARTICLE	IF	CITATIONS
19	Using Electric Vehicles for Road Transport. , 2012, , 223-252.		1
20	A robust, data-driven methodology for real-world driving cycle development. Transportation Research, Part D: Transport and Environment, 2012, 17, 389-397.	6.8	57
21	Investigating the technical, economic and environmental performance of electric vehicles in the real-world: A case study using electric scooters. Journal of Power Sources, 2011, 196, 10094-10104.	7.8	34
22	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
23	Quantifying the limits of HANPP and carbon emissions which prolong total species well-being. Environment, Development and Sustainability, 2010, 12, 213-231.	5.0	12
24	Linking energy policy, electricity generation and transmission using strong sustainability and co-optimization. Electric Power Systems Research, 2010, 80, 633-641.	3.6	14
25	Linking energy policy, electricity generation and transmission using strong sustainability and co-optimization. , 2009, , .		1
26	Organic Architecture for Small- to Large-Scale Photovoltaic Power Stations. IEEE Transactions on Industrial Electronics, 2009, 56, 4332-4343.	7.9	13
27	Using strong sustainability to optimize electricity generation fuel mixes. Energy Policy, 2008, 36, 971-980.	8.8	17
28	Evaluation of small wind turbines in distributed arrangement as sustainable wind energy option for Barbados. Energy Conversion and Management, 2008, 49, 1652-1661.	9.2	47
29	Using strong sustainability to optimize electricity generation fuel mixes. , 2008, , .		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