

Joan M Ogden

List of Publications by Year in descending order

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16
papers

2,317
citations

623734

14
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

2864
citing authors

#	ARTICLE	IF	CITATIONS
1	Net-zero emissions energy systems. <i>Science</i> , 2018, 360, .	12.6	1,165
2	A comparison of hydrogen, methanol and gasoline as fuels for fuel cell vehicles: implications for vehicle design and infrastructure development. <i>Journal of Power Sources</i> , 1999, 79, 143-168.	7.8	328
3	Natural gas as a bridge to hydrogen transportation fuel: Insights from the literature. <i>Energy Policy</i> , 2018, 115, 317-329.	8.8	152
4	The fuel-travel-back approach to hydrogen station siting. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 3096-3101.	7.1	121
5	Challenges in the designing, planning and deployment of hydrogen refueling infrastructure for fuel cell electric vehicles. <i>ETransportation</i> , 2020, 6, 100086.	14.8	113
6	Deep greenhouse gas reduction scenarios for California – Strategic implications from the CA-TIMES energy-economic systems model. <i>Energy Strategy Reviews</i> , 2012, 1, 19-32.	7.3	80
7	Analysis of a “cluster” strategy for introducing hydrogen vehicles in Southern California. <i>Energy Policy</i> , 2011, 39, 1923-1938.	8.8	63
8	Optimal power management for fuel cell “battery full hybrid powertrain on a test station. <i>International Journal of Electrical Power and Energy Systems</i> , 2013, 53, 307-320.	5.5	51
9	Renewable and low carbon hydrogen for California – Modeling the long term evolution of fuel infrastructure using a quasi-spatial TIMES model. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 4250-4265.	7.1	51
10	The least-cost hydrogen for Southern California. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 3009-3014.	7.1	50
11	Modeling transitions in the California light-duty vehicles sector to achieve deep reductions in transportation greenhouse gas emissions. <i>Energy Policy</i> , 2012, 44, 52-67.	8.8	44
12	Detailed Analysis of Urban Station Siting for California Hydrogen Highway Network. <i>Transportation Research Record</i> , 2006, 1983, 121-128.	1.9	41
13	How negative can biofuels with CCS take us and at what cost? Refining the economic potential of biofuel production with CCS using spatially-explicit modeling. <i>Energy Procedia</i> , 2014, 63, 6770-6791.	1.8	28
14	Integration of behavioral effects from vehicle choice models into long-term energy systems optimization models. <i>Energy Economics</i> , 2018, 74, 663-676.	12.1	21
15	Estimating criteria pollutant emissions using the California Regional Multisector Air Quality Emissions (CA-REMARQUE) model v1.0. <i>Geoscientific Model Development</i> , 2018, 11, 1293-1320.	3.6	8
16	Effects of Low-Carbon Energy Adoption on Airborne Particulate Matter Concentrations With Feedbacks to Future Climate Over California. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032636.	3.3	0