

Amol Phadke

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

559
citations

759233

12
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

635
citing authors

#	ARTICLE	IF	CITATIONS
1	Providing reliable and financially sustainable electricity access in India using super-efficient appliances. Energy Policy, 2019, 132, 1163-1175.	8.8	24
2	Enabling access to household refrigeration services through cost reductions from energy efficiency improvements. Energy Efficiency, 2019, 12, 1795-1819.	2.8	10
3	Modeling India's energy future using a bottom-up approach. Applied Energy, 2019, 238, 1108-1125.	10.1	50
4	Geospatial and techno-economic analysis of wind and solar resources in India. Renewable Energy, 2019, 134, 947-960.	8.9	51
5	Hybrid- and battery-electric vehicles offer low-cost climate benefits in China. Transportation Research, Part D: Transport and Environment, 2018, 62, 362-371.	6.8	48
6	Strategic siting and regional grid interconnections key to low-carbon futures in African countries. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3004-E3012.	7.1	48
7	Energy savings opportunities in the global digital television transition. Energy Efficiency, 2017, 10, 999-1011.	2.8	5
8	Efficiency improvement opportunities for ceiling fans. Energy Efficiency, 2015, 8, 37-50.	2.8	33
9	Electrical consumption of two-, three- and four-wheel light-duty electric vehicles in India. Applied Energy, 2014, 115, 582-590.	10.1	66
10	Understanding optimal engine operating strategies for gasoline-fueled HCCI engines using crank-angle resolved exergy analysis. Applied Energy, 2014, 114, 155-163.	10.1	64
11	Efficiency improvement opportunities for televisions in India: implications for market transformation programs. Energy Efficiency, 2014, 7, 811-832.	2.8	3
12	Understanding the fuel savings potential from deploying hybrid cars in China. Applied Energy, 2014, 113, 1127-1133.	10.1	42
13	Understanding fuel savings mechanisms from hybrid vehicles to guide optimal battery sizing for India. International Journal of Powertrains, 2014, 3, 259.	0.3	3
14	Efficiency improvement opportunities in TVs: Implications for market transformation programs. Energy Policy, 2013, 59, 361-372.	8.8	29
15	Understanding Loss Mechanisms and Identifying Areas of Improvement for HCCI Engines Using Detailed Exergy Analysis. Journal of Engineering for Gas Turbines and Power, 2013, 135, .	1.1	24
16	Exploration of resource and transmission expansion decisions in the Western Renewable Energy Zone initiative. Energy Policy, 2011, 39, 1732-1745.	8.8	27