Amol Phadke

List of Publications by Year
in descending order

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	Electrical consumption of two-, three- and four-wheel light-duty electric vehicles in India. Applied Energy, 2014, 115, 582-590.	10.1	66
2	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
3	Geospatial and techno-economic analysis of wind and solar resources in India. Renewable Energy, 2019, 134, 947-960.	8.9	51
4	Modeling Indiaâ€™s energy future using a bottom-up approach. Applied Energy, 2019, 238, 1108-1125.	10.1	50
5	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
6	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
7	Understanding the fuel savings potential from deploying hybrid cars in China. Applied Energy, 2014, 113, 1127-1133.	10.1	42
8	Efficiency improvement opportunities for ceiling fans. Energy Efficiency, 2015, 8, 37-50.	2.8	33
9	Efficiency improvement opportunities in TVs: Implications for market transformation programs. Energy Policy, 2013, 59, 361-372.	8.8	29
10	Exploration of resource and transmission expansion decisions in the Western Renewable Energy Zone initiative. Energy Policy, 2011, 39, 1732-1745.	8.8	27
11	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
12	Providing reliable and financially sustainable electricity access in India using super-efficient appliances. Energy Policy, 2019, 132, 1163-1175.	8.8	24
13	Enabling access to household refrigeration services through cost reductions from energy efficiency improvements. Energy Efficiency, 2019, 12, 1795-1819.	2.8	10
14	Energy savings opportunities in the global digital television transition. Energy Efficiency, 2017, 10, 999-1011.	2.8	5
15	Efficiency improvement opportunities for televisions in India: implications for market transformation programs. Energy Efficiency, 2014, 7, 811-832.	2.8	3
16	Understanding fuel savings mechanisms from hybrid vehicles to guide optimal battery sizing for India. International Journal of Powertrains, 2014, 3, 259.	0.3	3