

Varun Sivaram

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,299
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

2641
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous TiO ₂ single crystals delivering enhanced mobility and optoelectronic device performance. <i>Nature</i> , 2013, 495, 215-219.	27.8	751
2	Evaluation of a proposal for reliable low-cost grid power with 100% wind, water, and solar. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6722-6727.	7.1	250
3	Venture Capital and Cleantech: The wrong model for energy innovation. <i>Energy Policy</i> , 2017, 102, 385-395.	8.8	111
4	Solar power needs a more ambitious cost target. <i>Nature Energy</i> , 2016, 1, .	39.5	59
5	The Need for Continued Innovation in Solar, Wind, and Energy Storage. <i>Joule</i> , 2018, 2, 1639-1642.	24.0	38
6	The influence of 1D, meso- and crystal structures on charge transport and recombination in solid-state dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12088.	10.3	22
7	Saving innovative climate and energy research: Four recommendations for Mission Innovation. <i>Energy Research and Social Science</i> , 2017, 29, 123-126.	6.4	22
8	Observation of Annealing-Induced Doping in TiO ₂ Mesoporous Single Crystals for Use in Solid State Dye Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1821-1827.	3.1	19
9	Enhanced electronic contacts in SnO ₂ "dye" P3HT based solid state dye sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2075.	2.8	17
10	A national certification scheme to enhance trust and quality in the Indian residential solar PV market. <i>Electricity Journal</i> , 2016, 29, 11-14.	2.5	4
11	Powering Los Angeles with renewable energy. <i>Nature Climate Change</i> , 2013, 3, 771-775.	18.8	3
12	The Global Warming Wild Card. <i>Scientific American</i> , 2017, 316, 48-53.	1.0	3