

Pratiksha D Dongare

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

765
citations

840585

11
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanophotonics-enabled solar membrane distillation for off-grid water purification. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6936-6941.	3.3	348
2	A facile process for soak-and-peel delamination of CVD graphene from substrates using water. Scientific Reports, 2014, 4, 3882.	1.6	76
3	Solar thermal desalination as a nonlinear optical process. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13182-13187.	3.3	74
4	Optomechanics of Single Aluminum Nanodisks. Nano Letters, 2017, 17, 2575-2583.	4.5	50
5	Vibrational coupling in plasmonic molecules. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11621-11626.	3.3	49
6	Ultrafast Electron Dynamics in Single Aluminum Nanostructures. Nano Letters, 2019, 19, 3091-3097.	4.5	39
7	Polycrystallinity of Lithographically Fabricated Plasmonic Nanostructures Dominates Their Acoustic Vibrational Damping. Nano Letters, 2018, 18, 3494-3501.	4.5	35
8	Resonant energy transfer enhances solar thermal desalination. Energy and Environmental Science, 2020, 13, 968-976.	15.6	33
9	A 3D Plasmonic Antenna-Reactor for Nanoscale Thermal Hotspots and Gradients. ACS Nano, 2021, 15, 8761-8769.	7.3	28
10	Acoustic Vibrations of Al Nanocrystals: Size, Shape, and Crystallinity Revealed by Single-Particle Transient Extinction Spectroscopy. Journal of Physical Chemistry A, 2020, 124, 3924-3934.	1.1	21
11	Light matter interaction in WS ₂ nanotube-graphene hybrid devices. Applied Physics Letters, 2014, 105, 223502.	1.5	12