

Pratiksha D Dongare

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

523
citations

10
h-index

11
g-index

11
ext. papers

661
ext. citations

11.8
avg, IF

3.51
L-index

#	Paper	IF	Citations
11	A 3D Plasmonic Antenna-Reactor for Nanoscale Thermal Hotspots and Gradients. <i>ACS Nano</i> , 2021 , 15, 8761-8769	16.7	12
10	Resonant energy transfer enhances solar thermal desalination. <i>Energy and Environmental Science</i> , 2020 , 13, 968-976	35.4	20
9	Acoustic Vibrations of Al Nanocrystals: Size, Shape, and Crystallinity Revealed by Single-Particle Transient Extinction Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 3924-3934	2.8	9
8	Solar thermal desalination as a nonlinear optical process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 13182-13187	11.5	48
7	Ultrafast Electron Dynamics in Single Aluminum Nanostructures. <i>Nano Letters</i> , 2019 , 19, 3091-3097	11.5	28
6	Polycrystallinity of Lithographically Fabricated Plasmonic Nanostructures Dominates Their Acoustic Vibrational Damping. <i>Nano Letters</i> , 2018 , 18, 3494-3501	11.5	25
5	Nanophotonics-enabled solar membrane distillation for off-grid water purification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6936-6941	11.5	227
4	Optomechanics of Single Aluminum Nanodisks. <i>Nano Letters</i> , 2017 , 17, 2575-2583	11.5	42
3	Vibrational coupling in plasmonic molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 11621-11626	11.5	37
2	A facile process for soak-and-peel delamination of CVD graphene from substrates using water. <i>Scientific Reports</i> , 2014 , 4, 3882	4.9	64
1	Light matter interaction in WS ₂ nanotube-graphene hybrid devices. <i>Applied Physics Letters</i> , 2014 , 105, 223502	3.4	11