

Jothi Priyanka Thiruraman

List of Publications by Year in descending order

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papers

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citations

1307594

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1474206

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10
docs citations

10
times ranked

541
citing authors

#	ARTICLE	IF	CITATIONS
1	Angstrom-Size Defect Creation and Ionic Transport through Pores in Single-Layer MoS ₂ . Nano Letters, 2018, 18, 1651-1659.	9.1	129
2	Irradiation of Transition Metal Dichalcogenides Using a Focused Ion Beam: Controlled Single-Atom Defect Creation. Advanced Functional Materials, 2019, 29, 1904668.	14.9	63
3	Ions and Water Dancing through Atom-Scale Holes: A Perspective toward "Size Zero". ACS Nano, 2020, 14, 3736-3746.	14.6	39
4	Stochastic Ionic Transport in Single Atomic Zero-Dimensional Pores. ACS Nano, 2020, 14, 11831-11845.	14.6	27
5	Centimeter-Scale Nanoporous 2D Membranes and Ion Transport: Porous MoS ₂ Monolayers in a Few-Layer Matrix. Nano Letters, 2019, 19, 392-399.	9.1	25
6	Gas flow through atomic-scale apertures. Science Advances, 2020, 6, .	10.3	22
7	Atomic-scale patterning in two-dimensional van der waals superlattices. Nanotechnology, 2019, 31, 105302.	2.6	8
8	Computer vision AC-STEM automated image analysis for 2D nanopore applications. Ultramicroscopy, 2021, 231, 113249.	1.9	6