

# Jothi Priyanka Thiruraman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/42835/publications.pdf>

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1473754

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docs citations

10  
times ranked

541  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computer vision AC-STEM automated image analysis for 2D nanopore applications. Ultramicroscopy, 2021, 231, 113249.	0.8	6
2	Stochastic Ionic Transport in Single Atomic Zero-Dimensional Pores. ACS Nano, 2020, 14, 11831-11845.	7.3	27
3	Gas flow through atomic-scale apertures. Science Advances, 2020, 6, .	4.7	22
4	Ions and Water Dancing through Atom-Scale Holes: A Perspective toward "Size Zero". ACS Nano, 2020, 14, 3736-3746.	7.3	39
5	Irradiation of Transition Metal Dichalcogenides Using a Focused Ion Beam: Controlled Single-Atom Defect Creation. Advanced Functional Materials, 2019, 29, 1904668.	7.8	63
6	Atomic-scale patterning in two-dimensional van der waals superlattices. Nanotechnology, 2019, 31, 105302.	1.3	8
7	Centimeter-Scale Nanoporous 2D Membranes and Ion Transport: Porous MoS <sub>2</sub> Monolayers in a Few-Layer Matrix. Nano Letters, 2019, 19, 392-399.	4.5	25
8	Angstrom-Size Defect Creation and Ionic Transport through Pores in Single-Layer MoS <sub>2</sub> . Nano Letters, 2018, 18, 1651-1659.	4.5	129