

# Michal Macha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11694749/publications.pdf>

Version: 2024-02-01

9  
papers

493  
citations

1162889  
8  
h-index

1474057  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

750  
citing authors

#	ARTICLE	IF	CITATIONS
1	2D materials as an emerging platform for nanopore-based power generation. Nature Reviews Materials, 2019, 4, 588-605.	23.3	253
2	Wafer-scale MOCVD growth of monolayer MoS <sub>2</sub> on sapphire and SiO <sub>2</sub> . Nano Research, 2019, 12, 2646-2652.	5.8	104
3	Wafer-scale Fabrication of Nanopore Devices for Single-molecule DNA Biosensing using MoS <sub>2</sub> . Small Methods, 2020, 4, 2000072.	4.6	32
4	Engineering Optically Active Defects in Hexagonal Boron Nitride Using Focused Ion Beam and Water. ACS Nano, 2022, 16, 3695-3703.	7.3	28
5	Superconducting 2D NbS <sub>2</sub> Grown Epitaxially by Chemical Vapor Deposition. ACS Nano, 2021, 15, 18403-18410.	7.3	21
6	Super-resolved Optical Mapping of Reactive Sulfur-Vacancies in Two-Dimensional Transition Metal Dichalcogenides. ACS Nano, 2021, 15, 7168-7178.	7.3	20
7	Electrochemical Functionalization of Selectively Addressed MoS <sub>2</sub> Nanoribbons for Sensor Device Fabrication. ACS Applied Nano Materials, 2021, 4, 1076-1084.	2.4	14
8	Pressure-Induced Enlargement and Ionic Current Rectification in Symmetric Nanopores. Nano Letters, 2020, 20, 8089-8095.	4.5	13
9	Wetting of nanopores probed with pressure. Physical Chemistry Chemical Physics, 2021, 23, 4975-4987.	1.3	8