

# Marija DrndiÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

674  
citations

687363

13  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein-enabled detection of ibuprofen and sulfamethoxazole using solid-state nanopores. <i>Proteomics</i> , 2022, 22, e2100071.	2.2	4
2	Engineering adjustable two-pore devices for parallel ion transport and DNA translocations. <i>Journal of Chemical Physics</i> , 2021, 154, 105102.	3.0	9
3	Devices for Nanoscale Guiding of DNA through a 2D Nanopore. <i>ACS Sensors</i> , 2021, 6, 2534-2545.	7.8	8
4	Spatial defects nanoengineering for bipolar conductivity in MoS <sub>2</sub> . <i>Nature Communications</i> , 2020, 11, 3463.	12.8	41
5	Stochastic Ionic Transport in Single Atomic Zero-Dimensional Pores. <i>ACS Nano</i> , 2020, 14, 11831-11845.	14.6	27
6	Gas flow through atomic-scale apertures. <i>Science Advances</i> , 2020, 6, .	10.3	22
7	<i>In Situ</i> 2D MoS <sub>2</sub> Field-Effect Transistors with an Electron Beam Gate. <i>ACS Nano</i> , 2020, 14, 7389-7397.	14.6	10
8	Ions and Water Dancing through Atom-Scale Holes: A Perspective toward "Size Zero". <i>ACS Nano</i> , 2020, 14, 3736-3746.	14.6	39
9	Detection of single analyte and environmental samples with silicon nitride nanopores: Antarctic dirt particulates and DNA in artificial seawater. <i>Review of Scientific Instruments</i> , 2020, 91, 031301.	1.3	18
10	Controlled doping of graphene by impurity charge compensation via a polarized ferroelectric polymer. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	6
11	Lifetime and Stability of Silicon Nitride Nanopores and Nanopore Arrays for Ionic Measurements. <i>ACS Nano</i> , 2020, 14, 6715-6728.	14.6	54
12	Irradiation of Transition Metal Dichalcogenides Using a Focused Ion Beam: Controlled Single-Atom Defect Creation. <i>Advanced Functional Materials</i> , 2019, 29, 1904668.	14.9	63
13	Single-Stranded DNA Translocation Recordings through Solid-State Nanopores on Glass Chips at 10 MHz Measurement Bandwidth. <i>ACS Nano</i> , 2019, 13, 10545-10554.	14.6	64
14	Molecular Dynamics Investigation of Polylysine Peptide Translocation through MoS <sub>2</sub> Nanopores. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2342-2353.	2.6	15
15	Wavelet Denoising of High-Bandwidth Nanopore and Ion-Channel Signals. <i>Nano Letters</i> , 2019, 19, 1090-1097.	9.1	27
16	Centimeter-Scale Nanoporous 2D Membranes and Ion Transport: Porous MoS <sub>2</sub> Monolayers in a Few-Layer Matrix. <i>Nano Letters</i> , 2019, 19, 392-399.	9.1	25
17	Two-dimensional nanopores and nanoporous membranes for ion and molecule transport. <i>Current Opinion in Biotechnology</i> , 2019, 55, 124-133.	6.6	70
18	Angstrom-Size Defect Creation and Ionic Transport through Pores in Single-Layer MoS <sub>2</sub> . <i>Nano Letters</i> , 2018, 18, 1651-1659.	9.1	129

#	ARTICLE	IF	CITATIONS
19	Signal and Noise in FET-Nanopore Devices. ACS Sensors, 2018, 3, 313-319.	7.8	30
20	Transmission Electron Microscope Nanosculpting of Topological Insulator Bismuth Selenide. ACS Nano, 2018, 12, 6949-6955.	14.6	9