

Michael Graf

List of Publications by Year in descending order

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14
papers

1,495
citations

840776

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h-index

1058476

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14
docs citations

14
times ranked

2024
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Functionalization of Selectively Addressed MoS ₂ Nanoribbons for Sensor Device Fabrication. ACS Applied Nano Materials, 2021, 4, 1076-1084.	5.0	14
2	Nanoscale Selective Passivation of Electrodes Contacting a 2D Semiconductor. Advanced Functional Materials, 2020, 30, 1907860.	14.9	5
3	Microscopic Detection Analysis of Single Molecules in MoS ₂ Membrane Nanopores. ACS Nano, 2020, 14, 16131-16139.	14.6	17
4	Wafer-Scale Fabrication of Nanopore Devices for Single-Molecule DNA Biosensing using MoS ₂ . Small Methods, 2020, 4, 2000072.	8.6	32
5	Light-Enhanced Blue Energy Generation Using MoS ₂ Nanopores. Joule, 2019, 3, 1549-1564.	24.0	127
6	Transverse Detection of DNA Using a MoS ₂ Nanopore. Nano Letters, 2019, 19, 9075-9083.	9.1	81
7	Fabrication and practical applications of molybdenum disulfide nanopores. Nature Protocols, 2019, 14, 1130-1168.	12.0	84
8	Extracorporeal life support in hypothermic cardiac arrest: Reconsidering trauma as an absolute contraindication. Resuscitation, 2019, 135, 228-229.	3.0	4
9	Orthogonal Tip-to-Tip Nanocapillary Alignment Allows for Easy Detection of Fluorescent Emitters in Femtomolar Concentrations. Nano Letters, 2018, 18, 3165-3171.	9.1	2
10	Transverse Detection of DNA in a MoS ₂ Nanopore. Biophysical Journal, 2018, 114, 180a.	0.5	11
11	Electrical impedance tomography: Amplitudes of cardiac related impedance changes in the lung are highly position dependent. PLoS ONE, 2017, 12, e0188313.	2.5	11
12	Single-layer MoS ₂ nanopores as nanopower generators. Nature, 2016, 536, 197-200.	27.8	830
13	Observation of ionic Coulomb blockade in MoS ₂ nanopores. Nature Materials, 2016, 15, 850-855.	27.5	175
14	Importin- β modulates the permeability of the nuclear pore complex in a Ran-dependent manner. ELife, 2015, 4, .	6.0	102