

Michael Graf

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,495
citations

840119

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1058022

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docs citations

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times ranked

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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.	2.4	14
2	Nanoscale Selective Passivation of Electrodes Contacting a 2D Semiconductor. Advanced Functional Materials, 2020, 30, 1907860.	7.8	5
3	Microscopic Detection Analysis of Single Molecules in MoS ₂ Membrane Nanopores. ACS Nano, 2020, 14, 16131-16139.	7.3	17
4	Wafer-Scale Fabrication of Nanopore Devices for Single-Molecule DNA Biosensing using MoS ₂ . Small Methods, 2020, 4, 2000072.	4.6	32
5	Light-Enhanced Blue Energy Generation Using MoS ₂ Nanopores. Joule, 2019, 3, 1549-1564.	11.7	127
6	Transverse Detection of DNA Using a MoS ₂ Nanopore. Nano Letters, 2019, 19, 9075-9083.	4.5	81
7	Fabrication and practical applications of molybdenum disulfide nanopores. Nature Protocols, 2019, 14, 1130-1168.	5.5	84
8	Extracorporeal life support in hypothermic cardiac arrest: Reconsidering trauma as an absolute contraindication. Resuscitation, 2019, 135, 228-229.	1.3	4
9	Orthogonal Tip-to-Tip Nanocapillary Alignment Allows for Easy Detection of Fluorescent Emitters in Femtomolar Concentrations. Nano Letters, 2018, 18, 3165-3171.	4.5	2
10	Transverse Detection of DNA in a MoS ₂ Nanopore. Biophysical Journal, 2018, 114, 180a.	0.2	11
11	Electrical impedance tomography: Amplitudes of cardiac related impedance changes in the lung are highly position dependent. PLoS ONE, 2017, 12, e0188313.	1.1	11
12	Single-layer MoS ₂ nanopores as nanopower generators. Nature, 2016, 536, 197-200.	13.7	830
13	Observation of ionic Coulomb blockade in nanopores. Nature Materials, 2016, 15, 850-855.	13.3	175
14	Importin- β 2 modulates the permeability of the nuclear pore complex in a Ran-dependent manner. ELife, 2015, 4, .	2.8	102