

Michael Graf

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/575153/publications.pdf>

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14
papers

1,495
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2024
citing authors

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