

David Miller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/478029/publications.pdf>

Version: 2024-02-01

10
papers

307
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	A fast and sensitive room-temperature graphene nanomechanical bolometer. Nature Communications, 2019, 10, 4726.	12.8	97
2	Deterministic Quantum Emitter Formation in Hexagonal Boron Nitride via Controlled Edge Creation. Nano Letters, 2019, 19, 2121-2127.	9.1	88
3	A Bottom-Up Approach to Solution-Processed, Atomically Precise Graphitic Cylinders on Graphite. Nano Letters, 2018, 18, 7991-7997.	9.1	48
4	Single-Photon Emitters in Boron Nitride Nanococoons. Nano Letters, 2018, 18, 2683-2688.	9.1	20
5	Shape tailoring to enhance and tune the properties of graphene nanomechanical resonators. 2D Materials, 2017, 4, 025101.	4.4	19
6	Spatially resolved optical excitation of mechanical modes in graphene NEMS. Applied Physics Letters, 2019, 115, .	3.3	12
7	The Roles of an Aluminum Underlayer in the Biocompatibility and Mechanical Integrity of Vertically Aligned Carbon Nanotubes for Interfacing with Retinal Neurons. Micromachines, 2020, 11, 546.	2.9	10
8	Nonvolatile Rewritable Frequency Tuning of a Nanoelectromechanical Resonator Using Photoinduced Doping. Nano Letters, 2020, 20, 2378-2386.	9.1	9
9	Controlled assembly of retinal cells on fractal and Euclidean electrodes. PLoS ONE, 2022, 17, e0265685.	2.5	4
10	Engineering the Modal Shape of Graphene Nanoelectromechanical Systems Using Focused Ion Beam Milling. , 2018, , .		0