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List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

877
citations

567281

15
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1235
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable Strong Coupling of Mechanical Resonance between Spatially Separated FePS ₃ Nanodrums. Nano Letters, 2022, 22, 36-42.	9.1	13
2	Dynamics of 2D material membranes. 2D Materials, 2021, 8, 042001.	4.4	41
3	Ultrathin complex oxide nanomechanical resonators. Communications Physics, 2020, 3, .	5.3	24
4	Sensitive capacitive pressure sensors based on graphene membrane arrays. Microsystems and Nanoengineering, 2020, 6, 102.	7.0	44
5	Highly Anisotropic Mechanical and Optical Properties of 2D Layered As ₂ S ₃ Membranes. ACS Nano, 2019, 13, 10845-10851.	14.6	60
6	Sealing Graphene Nanodrums. Nano Letters, 2019, 19, 5313-5318.	9.1	41
7	Bimodal Phase Diagram of the Superfluid Density in $\text{LaAlO}_2/\text{SrTiO}_3$ Revealed by an Interfacial Waveguide Resonator. Physical Review Letters, 2019, 122, 036801.		3
8	On-chip Heaters for Tension Tuning of Graphene Nanodrums. Nano Letters, 2018, 18, 2852-2858.	9.1	27
9	Graphene mechanical pixels for Interferometric Modulator Displays. Nature Communications, 2018, 9, 4837.	12.8	16
10	Graphene gas pumps. , 2018, , .		3
11	Graphene gas pumps. 2D Materials, 2018, 5, 031009.	4.4	15
12	Isorecticular two-dimensional magnetic coordination polymers prepared through pre-synthetic ligand functionalization. Nature Chemistry, 2018, 10, 1001-1007.	13.6	94
13	Nonlinear dynamic characterization of two-dimensional materials. Nature Communications, 2017, 8, 1253.	12.8	96
14	Optomechanics for thermal characterization of suspended graphene. Physical Review B, 2017, 96, .	3.2	38
15	Static Capacitive Pressure Sensing Using a Single Graphene Drum. ACS Applied Materials & Interfaces, 2017, 9, 43205-43210.	8.0	47
16	Quantum paraelectricity probed by superconducting resonators. Physical Review B, 2017, 95, .	3.2	8
17	Amplitude calibration of 2D mechanical resonators by nonlinear optical transduction. Applied Physics Letters, 2017, 111, 253104.	3.3	14
18	Experimental characterization of graphene by electrostatic resonance frequency tuning. Journal of Applied Physics, 2017, 122, 234302.	2.5	20

#	ARTICLE	IF	CITATIONS
19	Visualizing the Motion of Graphene Nanodrums. Nano Letters, 2016, 16, 2768-2773.	9.1	74
20	Graphene Squeeze-Film Pressure Sensors. Nano Letters, 2016, 16, 568-571.	9.1	143
21	Express Optical Analysis of Epitaxial Graphene on SiC: Impact of Morphology on Quantum Transport. Nano Letters, 2013, 13, 4217-4223.	9.1	51