

Georgios Varnavides

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1599385/publications.pdf>

Version: 2024-02-01

19
papers

766
citations

932766

10
h-index

887659

17
g-index

20
all docs

20
docs citations

20
times ranked

1138
citing authors

#	ARTICLE	IF	CITATIONS
1	Strain-programmable fiber-based artificial muscle. <i>Science</i> , 2019, 365, 145-150.	6.0	298
2	Remotely controlled chemomagnetic modulation of targeted neural circuits. <i>Nature Nanotechnology</i> , 2019, 14, 967-973.	15.6	77
3	Imaging phonon-mediated hydrodynamic flow in WTe ₂ . <i>Nature Physics</i> , 2021, 17, 1216-1220.	6.5	72
4	Magnetic Vortex Nanodiscs Enable Remote Magnetomechanical Neural Stimulation. <i>ACS Nano</i> , 2020, 14, 8036-8045.	7.3	68
5	Transgene-free remote magnetothermal regulation of adrenal hormones. <i>Science Advances</i> , 2020, 6, eaaz3734.	4.7	52
6	Direct imaging and electronic structure modulation of moiré superlattices at the 2D/3D interface. <i>Nature Communications</i> , 2021, 12, 1290.	5.8	48
7	Electron hydrodynamics in anisotropic materials. <i>Nature Communications</i> , 2020, 11, 4710.	5.8	38
8	Magnetothermal Multiplexing for Selective Remote Control of Cell Signaling. <i>Advanced Functional Materials</i> , 2020, 30, 2000577.	7.8	35
9	Catalytically mediated epitaxy of 3D semiconductors on van der Waals substrates. <i>Applied Physics Reviews</i> , 2020, 7, .	5.5	15
10	Capturing 3D atomic defects and phonon localization at the 2D heterostructure interface. <i>Science Advances</i> , 2021, 7, eabi6699.	4.7	13
11	Nonequilibrium phonon transport across nanoscale interfaces. <i>Physical Review B</i> , 2019, 100, .	1.1	12
12	Anisotropic phonon-mediated electronic transport in chiral Weyl semimetals. <i>Physical Review Materials</i> , 2021, 5, .	0.9	10
13	Mesoscopic finite-size effects of unconventional electron transport in PdCoO_2 . <i>Physical Review Materials</i> , 2022, 6, .	0.9	9
14	Sondheimer oscillations as a probe of non-ohmic flow in WP ₂ crystals. <i>Nature Communications</i> , 2021, 12, 4799.	5.8	7
15	Influence of Magnetic Fields on Electrochemical Reactions of Redox Cofactor Solutions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18295-18302.	7.2	4
16	Simulating Infiltration as a Sequence of Pinning and De-pinning Processes. <i>Acta Materialia</i> , 2021, 210, 116831.	3.8	3
17	Influence of Magnetic Fields on Electrochemical Reactions of Redox Cofactor Solutions. <i>Angewandte Chemie</i> , 2021, 133, 18443-18450.	1.6	2
18	Probing Neuro-Endocrine Interactions Through Remote Magnetothermal Adrenal Stimulation. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2

#	ARTICLE	IF	CITATIONS
19	Forbidden Reflection Moiré Patterns in Metal-2D Material Interfaces. Microscopy and Microanalysis, 2020, 26, 860-863.	0.2	0