

Dorri Halbertal

List of Publications by Year in descending order

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17
papers

1,089
citations

687363

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839539

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docs citations

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times ranked

1672
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracting the Strain Matrix and Twist Angle from the Moiré Superlattice in van der Waals Heterostructures. ACS Nano, 2022, 16, 1471-1476.	14.6	10
2	Moiré metrology of energy landscapes in van der Waals heterostructures. Nature Communications, 2021, 12, 242.	12.8	60
3	Dual-Gated Graphene Devices for Near-Field Nano-imaging. Nano Letters, 2021, 21, 1688-1693.	9.1	13
4	Deep moiré potentials in twisted transition metal dichalcogenide bilayers. Nature Physics, 2021, 17, 720-725.	16.7	124
5	Enhanced tunable second harmonic generation from twistable interfaces and vertical superlattices in boron nitride homostructures. Science Advances, 2021, 7, .	10.3	73
6	Hyperbolic enhancement of photocurrent patterns in minimally twisted bilayer graphene. Nature Communications, 2021, 12, 1641.	12.8	34
7	Moiréless correlations in ABCA graphene. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	59
8	Polaritonic Vortices with a Half-Integer Charge. Nano Letters, 2021, 21, 9256-9261.	9.1	13
9	Nonlinear nanoelectrodynamics of a Weyl metal. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
10	Excitons in strain-induced one-dimensional moiré potentials at transition metal dichalcogenide heterojunctions. Nature Materials, 2020, 19, 1068-1073.	27.5	169
11	Nano-photocurrent Mapping of Local Electronic Structure in Twisted Bilayer Graphene. Nano Letters, 2020, 20, 2958-2964.	9.1	34
12	Resonant electron-lattice cooling in graphene. Physical Review B, 2018, 97, .	3.2	21
13	Imaging resonant dissipation from individual atomic defects in graphene. Science, 2017, 358, 1303-1306.	12.6	66
14	Electrically Tunable Multiterminal SQUID-on-Tip. Nano Letters, 2016, 16, 6910-6915.	9.1	18
15	NUMERIC SPECTRAL RADIATION HYDRODYNAMIC CALCULATIONS OF SUPERNOVA SHOCK BREAKOUTS. Astrophysical Journal, 2014, 796, 145.	4.5	10
16	Three-Junction SQUID-on-Tip with Tunable In-Plane and Out-of-Plane Magnetic Field Sensitivity. Nano Letters, 2014, 14, 6481-6487.	9.1	40
17	A scanning superconducting quantum interference device with single electron spin sensitivity. Nature Nanotechnology, 2013, 8, 639-644.	31.5	326