

Qingjun Tong

List of Publications by Year in descending order

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687363

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docs citations

18
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1702
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological mosaics in moiré superlattices of van der Waals heterobilayers. Nature Physics, 2017, 13, 356-362.	16.7	205
2	Anomalous Light Cones and Valley Optical Selection Rules of Interlayer Excitons in Twisted Heterobilayers. Physical Review Letters, 2015, 115, 187002.	7.8	194
3	Skyrmions in the Moiré of van der Waals 2D Magnets. Nano Letters, 2018, 18, 7194-7199.	9.1	168
4	Stacking symmetry governed second harmonic generation in graphene trilayers. Science Advances, 2018, 4, eaat0074.	10.3	75
5	Spin-valley qubit in nanostructures of monolayer semiconductors: Optical control and hyperfine interaction. Physical Review B, 2016, 93, .	3.2	56
6	Room temperature near unity spin polarization in 2D Van der Waals heterostructures. Nature Communications, 2020, 11, 4442.	12.8	44
7	Magnetization textures in twisted bilayer CrX_3 ($\text{X} = \text{V}, \text{Cr}$) Tj ETQq1 1 0.784314 BT / Over	10.7	43
8	Near-Unity Polarization of Valley-Dependent Second-Harmonic Generation in Stacked TMDC Layers and Heterostructures at Room Temperature. Advanced Materials, 2020, 32, e1908061.	21.0	36
9	Magnetic Proximity Effect in a van der Waals Moiré Superlattice. Physical Review Applied, 2019, 12, .	3.8	26
10	Gate tuning from exciton superfluid to quantum anomalous Hall in van der Waals heterobilayer. Science Advances, 2019, 5, eaau6120.	10.3	23
11	Interferences of electrostatic moiré potentials and bichromatic superlattices of electrons and excitons in transition metal dichalcogenides. 2D Materials, 2021, 8, 025007.	4.4	17
12	Band-Offset Degradation in van der Waals Heterojunctions. Physical Review Applied, 2019, 12, .	3.8	15
13	Spectroscopic Visualization of Flat Bands in Magic-Angle Twisted Monolayer-Bilayer Graphene: Coexistence of Localization and Delocalization. Physical Review Letters, 2022, 128, 126401.	7.8	15
14	Chiral channel network from magnetization textures in two-dimensional MnBi_2Te_4 Physical Review B, 2020, 102, .	10.7	12
15	Tunable Strong Magnetic Anisotropy in Two-Dimensional van der Waals Antiferromagnets. Nano Letters, 2022, 22, 3946-3952.	9.1	8
16	Morphology Deformation and Giant Electronic Band Modulation in Long-Wavelength WS_2 Moiré Superlattices. Nano Letters, 2022, 22, 5997-6003.	9.1	6
17	Coulomb effects on topological band inversion in the moiré of WSe_2 /BAs heterobilayer. 2D Materials, 2019, 6, 045037.	4.4	3
18	Crystal structure evolution and superconductivity of the ternary hydride CSH_3 under pressure. Physical Review B, 2022, 105, .	10.7	2