

Qingjun Tong

List of Publications by Year in descending order

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777949

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure evolution and superconductivity of the ternary hydride CSH_3 under pressure. Physical Review B, 2022, 105, .		
2	Spectroscopic Visualization of Flat Bands in Magic-Angle Twisted Monolayer-Bilayer Graphene: Coexistence of Localization and Delocalization. Physical Review Letters, 2022, 128, 126401.	2.9	15
3	Tunable Strong Magnetic Anisotropy in Two-Dimensional van der Waals Antiferromagnets. Nano Letters, 2022, 22, 3946-3952.	4.5	8
4	Morphology Deformation and Giant Electronic Band Modulation in Long-Wavelength WS_2 Moiré Superlattices. Nano Letters, 2022, 22, 5997-6003.	4.5	6
5	Magnetization textures in twisted bilayer CrX_3 ($X = \text{S, Se}$) Tj ETQq1 1 0378431448 BT / Over		
6	Interferences of electrostatic moiré potentials and bichromatic superlattices of electrons and excitons in transition metal dichalcogenides. 2D Materials, 2021, 8, 025007.	2.0	17
7	Chiral channel network from magnetization textures in two-dimensional MnBi_2X_4 Physical Review B, 2020, 102, .		
8	Room temperature near unity spin polarization in 2D Van der Waals heterostructures. Nature Communications, 2020, 11, 4442.	5.8	44
9	Near-Unity Polarization of Valley-Dependent Second-Harmonic Generation in Stacked TMDC Layers and Heterostructures at Room Temperature. Advanced Materials, 2020, 32, e1908061.	11.1	36
10	Coulomb effects on topological band inversion in the moiré of WSe_2 /BAs heterobilayer. 2D Materials, 2019, 6, 045037.	2.0	3
11	Magnetic Proximity Effect in a van der Waals Moiré Superlattice. Physical Review Applied, 2019, 12, .	1.5	26
12	Band-Offset Degradation in van der Waals Heterojunctions. Physical Review Applied, 2019, 12, .	1.5	15
13	Gate tuning from exciton superfluid to quantum anomalous Hall in van der Waals heterobilayer. Science Advances, 2019, 5, eaau6120.	4.7	23
14	Skyrmions in the Moiré of van der Waals 2D Magnets. Nano Letters, 2018, 18, 7194-7199.	4.5	168
15	Stacking symmetry governed second harmonic generation in graphene trilayers. Science Advances, 2018, 4, eaat0074.	4.7	75
16	Topological mosaics in moiré superlattices of van der Waals heterobilayers. Nature Physics, 2017, 13, 356-362.	6.5	205
17	Spin-valley qubit in nanostructures of monolayer semiconductors: Optical control and hyperfine interaction. Physical Review B, 2016, 93, .	1.1	56
18	Anomalous Light Cones and Valley Optical Selection Rules of Interlayer Excitons in Twisted Heterobilayers. Physical Review Letters, 2015, 115, 187002.	2.9	194