

Indrajit Maity

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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314
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#	ARTICLE	IF	CITATIONS
1	Origin and evolution of ultraflat bands in twisted bilayer transition metal dichalcogenides: Realization of triangular quantum dots. <i>Physical Review B</i> , 2020, 102, .	1.1	62
2	Kolmogorovâ€Crespi Potential For Multilayer Transition-Metal Dichalcogenides: Capturing Structural Transformations in Moir� Superlattices. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9770-9778.	1.5	60
3	Phonons in twisted transition-metal dichalcogenide bilayers: Ultrasoft phasons and a transition from a superlubric to a pinned phase. <i>Physical Review Research</i> , 2020, 2, .	1.3	45
4	Evolution of high-frequency Raman modes and their doping dependence in twisted bilayer MoS ₂ . <i>Nanoscale</i> , 2020, 12, 17272-17280.	2.8	23
5	Reconstruction of moir� lattices in twisted transition metal dichalcogenide bilayers. <i>Physical Review B</i> , 2021, 103, .	1.1	22
6	Anharmonicity in Raman-active phonon modes in atomically thin MoS_2 . <i>Physical Review B</i> , 2020, 101, .	1.1	18
7	Twister: Construction and structural relaxation of commensurate moir� superlattices. <i>Computer Physics Communications</i> , 2022, 271, 108184.	3.0	16
8	Chiral valley phonons and flat phonon bands in moir� materials. <i>Physical Review B</i> , 2022, 105, .	1.1	10
9	Temperature-dependent layer breathing modes in two-dimensional materials. <i>Physical Review B</i> , 2018, 97, .	1.1	8
10	Tunable lattice thermal conductivity of twisted bilayer MoS ₂ . <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 13860-13868.	1.3	3