

# Indrajit Maity

## List of Publications by Year in descending order

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papers

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1162367

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1372195

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docs citations

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times ranked

314  
citing authors

#	ARTICLE	IF	CITATIONS
1	Twister: Construction and structural relaxation of commensurate moiré superlattices. Computer Physics Communications, 2022, 271, 108184.	3.0	16
2	Chiral valley phonons and flat phonon bands in moiré materials. Physical Review B, 2022, 105, .	1.1	10
3	Tunable lattice thermal conductivity of twisted bilayer MoS <sub>2</sub> . Physical Chemistry Chemical Physics, 2022, 24, 13860-13868.	1.3	3
4	Reconstruction of moiré lattices in twisted transition metal dichalcogenide bilayers. Physical Review B, 2021, 103, .	1.1	22
5	Origin and evolution of ultraflat bands in twisted bilayer transition metal dichalcogenides: Realization of triangular quantum dots. Physical Review B, 2020, 102, .	1.1	62
6	Anharmonicity in Raman-active phonon modes in atomically thin $\text{MoS}_2$ . Physical Review B, 2020, 101, .	1.1	18
7	Evolution of high-frequency Raman modes and their doping dependence in twisted bilayer MoS <sub>2</sub> . Nanoscale, 2020, 12, 17272-17280.	2.8	23
8	Phonons in twisted transition-metal dichalcogenide bilayers: Ultrasoft phasons and a transition from a superlubric to a pinned phase. Physical Review Research, 2020, 2, .	1.3	45
9	Kolmogorovâ€Crespi Potential For Multilayer Transition-Metal Dichalcogenides: Capturing Structural Transformations in Moiré Superlattices. Journal of Physical Chemistry C, 2019, 123, 9770-9778.	1.5	60
10	Temperature-dependent layer breathing modes in two-dimensional materials. Physical Review B, 2018, 97, .	1.1	8