

# Chao-Sheng Lian

## List of Publications by Year in descending order

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783  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unveiling Charge-Density Wave, Superconductivity, and Their Competitive Nature in Two-Dimensional NbSe <sub>2</sub> . Nano Letters, 2018, 18, 2924-2929.	9.1	130
2	Pseudospins and Topological Effects of Phonons in a Kekulé Lattice. Physical Review Letters, 2017, 119, 255901.	7.8	105
3	Two-dimensional superconductivity and topological states in PdTe thin films. Physical Review Materials, 2018, 2, .	2.4	57
4	Coexistence of Superconductivity with Enhanced Charge Density Wave Order in the Two-Dimensional Limit of TaSe <sub>2</sub> . Journal of Physical Chemistry Letters, 2019, 10, 4076-4081.	4.6	44
5	First-principles study of Na-intercalated bilayer NbSe <sub>2</sub> : Suppressed charge-density wave and strain-enhanced superconductivity. Physical Review B, 2017, 96, .	3.2	34
6	Mottness collapse in monolayer 1T-TaSe <sub>2</sub> with persisting charge density wave order. Journal of Materials Chemistry C, 2020, 8, 9742-9747.	5.5	18
7	Continuous, Ultra-lightweight, and Multipurpose Super-aligned Carbon Nanotube Tapes Viable over a Wide Range of Temperatures. Nano Letters, 2019, 19, 6756-6764.	9.1	17
8	Ion intercalation engineering of electronic properties of two-dimensional crystals of 2H-TaSe <sub>2</sub> . Physical Review Materials, 2019, 3, .	2.4	13
9	Single anisotropic gap superconductivity and proximity effect in PbTaSe <sub>2</sub> . Physical Review B, 2019, 100, .	3.2	12
10	Anisotropic Full-Gap Superconductivity in 2M-WS <sub>2</sub> Topological Metal with Intrinsic Proximity Effect. Nano Letters, 2021, 21, 709-715.	9.1	12
11	Intrinsic and doping-enhanced superconductivity in monolayer PdTe: Critical role of charge ordering and spin-orbit coupling. Physical Review B, 2022, 105, .		