

# Chao-Sheng Lian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9689235/publications.pdf>

Version: 2024-02-01

11  
papers

451  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

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docs citations

11  
times ranked

783  
citing authors

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