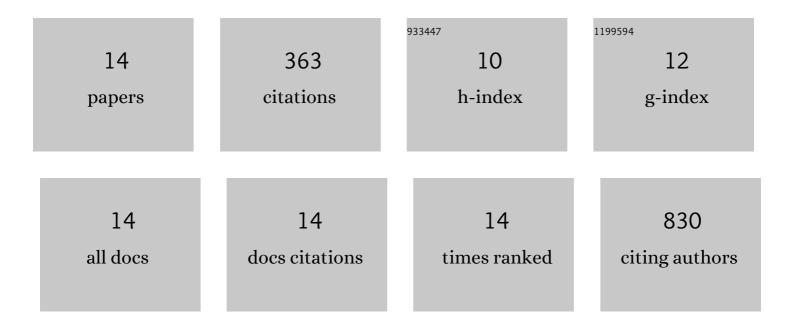
Zhesheng Chen

List of Publications by Year in descending order

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ZHESHENC CHEN

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A high performance graphene/few-layer InSe photo-detector. Nanoscale, 2015, 7, 5981-5986. | 5.6 | 143 |
| 2 | Onset of two-dimensional superconductivity in space charge doped few-layer molybdenum disulfide. Nature Communications, 2015, 6, 8826. | 12.8 | 46 |
| 3 | High quality 2D crystals made by anodic bonding: a general technique for layered materials. Nanotechnology, 2012, 23, 505709. | 2.6 | 41 |
| 4 | A high performance self-driven photodetector based on a graphene/InSe/MoS ₂ vertical heterostructure. Journal of Materials Chemistry C, 2018, 6, 12407-12412. | 5.5 | 31 |
| 5 | Band Gap Renormalization, Carrier Multiplication, and Stark Broadening in Photoexcited Black Phosphorus. Nano Letters, 2019, 19, 488-493. | 9.1 | 26 |
| 6 | Evidence of new 2D material: Cu ₂ Te. 2D Materials, 2020, 7, 035010. | 4.4 | 16 |
| 7 | Ultrafast electron dynamics reveal the high potential of InSe for hot-carrier optoelectronics. Physical Review B, 2018, 97, . | 3.2 | 15 |
| 8 | Direct Observation of Band Gap Renormalization in Layered Indium Selenide. ACS Nano, 2019, 13, 13486-13491. | 14.6 | 13 |
| 9 | Spectroscopy of buried states in black phosphorus with surface doping. 2D Materials, 2020, 7, 035027. | 4.4 | 13 |
| 10 | Ultrafast dynamics of hot carriers in a quasi–two-dimensional electron gas on InSe. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21962-21967. | 7.1 | 10 |
| 11 | Phase transition from Au–Te surface alloy towards tellurene-like monolayer. 2D Materials, 2021, 8, 015029. | 4.4 | 4 |
| 12 | Electron Dynamics in Hybrid Perovskites Reveal the Role of Organic Cations on the Screening of Local Charges. Nano Letters, 2022, 22, 2065-2069. | 9.1 | 3 |
| 13 | Ultrafast electron energy-dependent delocalization dynamics in germanium selenide. Communications Physics, 2021, 4, . | 5.3 | 2 |
| 14 | Ultrafast dynamics with time-resolved ARPES: photoexcited electrons in monochalcogenide semiconductors. Comptes Rendus Physique, 2021, 22, 103-110. | 0.9 | 0 |