

Zhishuo Huang

List of Publications by Year in descending order

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11
papers

1,059
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1956
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Two-dimensional semiconductors with possible high room temperature mobility. Nano Research, 2014, 7, 1731-1737. | 10.4 | 634 |
| 2 | Computational Search for Two-Dimensional MX ₂ Semiconductors with Possible High Electron Mobility at Room Temperature. Materials, 2016, 9, 716. | 2.9 | 133 |
| 3 | Thermoelectric properties of monolayer MSe ₂ (M = Zr, Hf): low lattice thermal conductivity and a promising figure of merit. Nanotechnology, 2016, 27, 375703. | 2.6 | 127 |
| 4 | Vertically oriented few-layered HfS ₂ nanosheets: growth mechanism and optical properties. 2D Materials, 2016, 3, 035024. | 4.4 | 88 |
| 5 | The mechanism of layer number and strain dependent bandgap of 2D crystal PtSe ₂ . Journal of Applied Physics, 2017, 122, . | 2.5 | 40 |
| 6 | Band Jahn-Teller effects in Rh ₂ TMSn full Heusler compounds. Journal of Alloys and Compounds, 2015, 618, 78-83. | 5.5 | 15 |
| 7 | Ferromagnetic kinetic exchange interaction in magnetic insulators. Physical Review Research, 2020, 2, . | 3.6 | 10 |
| 8 | Dynamical Jahn-Teller effect in the first excited. International Journal of Quantum Chemistry, 2020, 120, e26148. | 2.0 | 4 |
| 9 | Jahn-Teller effect in the cubic fullerenes A ₃ C ₆₀ . Physical Review B, 2021, 103, . | 3.2 | 3 |
| 10 | Multipolar exchange interaction and complex order in insulating lanthanides. Physical Review B, 2022, 105, . | 3.2 | 3 |
| 11 | First principles study of the vibronic coupling in positively charged C ₆₀ ⁺ . Chemical Physics Letters, 2020, 754, 137698. | 2.6 | 2 |