

Jimin Shang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

184
citations

1478505

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h-index

1372567

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docs citations

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times ranked

319
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The optical properties and carrier mobility of MH_3 ($M = Co, Rh$ and Ir) monolayers. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 18078-18084. | 2.8 | 3 |
| 2 | Synthesis of hierarchical porous $CoS_2/MWCNTs$ nanohybrids as electrode for high-performance supercapacitors with enhanced rate capability and cycling stability. <i>Ionics</i> , 2021, 27, 4483-4494. | 2.4 | 2 |
| 3 | Strain driven band alignment transition of the ferromagnetic VS_2/C_3N van der Waals heterostructure*. <i>Chinese Physics B</i> , 2021, 30, 097507. | 1.4 | 3 |
| 4 | Magnetism arising from Mexican-hat-like band dispersion in the WSe_2/SnS_2 heterostructure via interlayer strain. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21961-21967. | 2.8 | 1 |
| 5 | Electronic and optical properties of the $ZrS_2/HfSe_2$ van der Waals heterobilayer with native type-II band alignment. <i>Chemical Physics Letters</i> , 2019, 734, 136703. | 2.6 | 10 |
| 6 | Tunable electric properties of bilayer $InSe$ with different interlayer distances and external electric field. <i>Semiconductor Science and Technology</i> , 2018, 33, 034002. | 2.0 | 9 |
| 7 | Thickness-dependent phase transition and optical behavior of MoS_2 films under high pressure. <i>Nano Research</i> , 2018, 11, 855-863. | 10.4 | 30 |
| 8 | Tunable electronic and optical properties of $InSe/InTe$ van der Waals heterostructures toward optoelectronic applications. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7201-7206. | 5.5 | 87 |
| 9 | Electric field induced electronic properties modification of ZrS_2/HfS_2 van der Waals heterostructure. <i>RSC Advances</i> , 2017, 7, 14625-14630. | 3.6 | 28 |
| 10 | Contrasting Structural Stabilities and New Pressure-Induced Polymorphic Transitions of Scheelite- and Zircon-Type $ZrGeO_4$. <i>Journal of Physical Chemistry C</i> , 2017, 121, 723-730. | 3.1 | 11 |