

# Jimin Shang

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

184  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

319  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Thickness-dependent phase transition and optical behavior of MoS <sub>2</sub> films under high pressure. <i>Nano Research</i> , 2018, 11, 855-863.	10.4	30
3	Electric field induced electronic properties modification of ZrS <sub>2</sub> /HfS <sub>2</sub> van der Waals heterostructure. <i>RSC Advances</i> , 2017, 7, 14625-14630.	3.6	28
4	Contrasting Structural Stabilities and New Pressure-Induced Polymorphic Transitions of Scheelite- and Zircon-Type ZrGeO <sub>4</sub> . <i>Journal of Physical Chemistry C</i> , 2017, 121, 723-730.	3.1	11
5	Electronic and optical properties of the ZrS <sub>2</sub> /HfSe <sub>2</sub> 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	The optical properties and carrier mobility of MH <sub>3</sub> (M = Co, Rh and Ir) monolayers. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 18078-18084.	2.8	3
8	Strain driven band alignment transition of the ferromagnetic VS <sub>2</sub> /C <sub>3</sub> N van der Waals heterostructure*. <i>Chinese Physics B</i> , 2021, 30, 097507.	1.4	3
9	Synthesis of hierarchical porous CoS <sub>2</sub> /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
10	Magnetism arising from Mexican-hat-like band dispersion in the WSe <sub>2</sub> /SnS <sub>2</sub> heterostructure via interlayer strain. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21961-21967.	2.8	1