

# Zhishuo Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7145262/publications.pdf>

Version: 2024-02-01

11  
papers

1,059  
citations

1306789

7  
h-index

1281420

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.	5.8	634
2	Computational Search for Two-Dimensional MX <sub>2</sub> Semiconductors with Possible High Electron Mobility at Room Temperature. Materials, 2016, 9, 716.	1.3	133
3	Thermoelectric properties of monolayer <i>M</i> Se <sub>2</sub> (M = Zr, Hf): low lattice thermal conductivity and a promising figure of merit. Nanotechnology, 2016, 27, 375703.	1.3	127
4	Vertically oriented few-layered HfS <sub>2</sub> nanosheets: growth mechanism and optical properties. 2D Materials, 2016, 3, 035024.	2.0	88
5	The mechanism of layer number and strain dependent bandgap of 2D crystal PtSe <sub>2</sub> . Journal of Applied Physics, 2017, 122, .	1.1	40
6	Band Jahn-Teller effects in Rh <sub>2</sub> TMSn full Heusler compounds. Journal of Alloys and Compounds, 2015, 618, 78-83.	2.8	15
7	Ferromagnetic kinetic exchange interaction in magnetic insulators. Physical Review Research, 2020, 2, .	1.3	10
8	Dynamical Jahn-Teller effect in the first excited. International Journal of Quantum Chemistry, 2020, 120, e26148.	1.0	4
9	Jahn-Teller effect in the cubic fullerenes A <sub>3</sub> C <sub>60</sub> . Physical Review B, 2021, 103, .	1.1	3
10	Multipolar exchange interaction and complex order in insulating lanthanides. Physical Review B, 2022, 105, .	1.1	3
11	First principles study of the vibronic coupling in positively charged C <sub>60</sub> <sup>+</sup> . Chemical Physics Letters, 2020, 754, 137698.	1.2	2