Kun Yang

List of Publications by Year
in descending order

13	108	1307594 7	1372567 10
papers	citations	h-index	g-index

13	13	13	123
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probing the Optical Properties of MoS2 on SiO2/Si and Sapphire Substrates. Nanomaterials, 2019, 9, 740.	4.1	25
2	Design and Investigation of the Junction-Less TFET with Ge/Si0.3Ge0.7/Si Heterojunction and Heterogeneous Gate Dielectric. Electronics (Switzerland), 2019, 8, 476.	3.1	14
3	Probing the Field-Effect Transistor with Monolayer MoS2 Prepared by APCVD. Nanomaterials, 2019, 9, 1209.	4.1	10
4	A Horizontal-Gate Monolayer MoS2 Transistor Based on Image Force Barrier Reduction. Nanomaterials, 2019, 9, 1245.	4.1	10
5	Design and investigation of dopingless dual-gate tunneling transistor based on line tunneling. AIP Advances, 2019, 9, .	1.3	10
6	Research on the Preparation and Spectral Characteristics of Graphene/TMDs Hetero-structures. Nanoscale Research Letters, 2020, 15, 219.	5.7	8
7	The Large-Scale Preparation and Optical Properties of MoS2/WS2 Vertical Hetero-Junction. Molecules, 2020, 25, 1857.	3.8	7
8	Investigation of charge trapping mechanism in MoS₂ field effect transistor by incorporating Al into host La₂O₃ as gate dielectric. Nanotechnology, 2021, 32, 305201.	2.6	5
9	Low-Power OR Logic Ferroelectric In-Situ Transistor Based on a CuInP2S6/MoS2 Van Der Waals Heterojunction. Nanomaterials, 2021, 11, 1971.	4.1	5
10	Preparation and Research of Monolayer WS2 FETs Encapsulated by h-BN Material. Micromachines, 2021, 12, 1006.	2.9	5
11	Comprehensive Performance Quasi-Non-Volatile Memory Compatible with Large-Scale Preparation by Chemical Vapor Deposition. Nanomaterials, 2020, 10, 1471.	4.1	4
12	Interface optimization of La-based gate dielectric for molybdenum disulfide field-effect transistors. Applied Surface Science, 2022, 581, 152248.	6.1	3
13	Synthesis and Spectral Characteristics Investigation of the 2D-2D vdWs Heterostructure Materials. International Journal of Molecular Sciences, 2021, 22, 1246.	4.1	2