

Kun Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7995180/publications.pdf>

Version: 2024-02-01

13
papers

108
citations

1306789

7
h-index

1372195

10
g-index

13
all docs

13
docs citations

13
times ranked

123
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the Optical Properties of MoS ₂ on SiO ₂ /Si and Sapphire Substrates. <i>Nanomaterials</i> , 2019, 9, 740.	1.9	25
2	Design and Investigation of the Junction-Less TFET with Ge/Si _{0.3} Ge _{0.7} /Si Heterojunction and Heterogeneous Gate Dielectric. <i>Electronics (Switzerland)</i> , 2019, 8, 476.	1.8	14
3	Probing the Field-Effect Transistor with Monolayer MoS ₂ Prepared by APCVD. <i>Nanomaterials</i> , 2019, 9, 1209.	1.9	10
4	A Horizontal-Gate Monolayer MoS ₂ Transistor Based on Image Force Barrier Reduction. <i>Nanomaterials</i> , 2019, 9, 1245.	1.9	10
5	Design and investigation of dopingless dual-gate tunneling transistor based on line tunneling. <i>AIP Advances</i> , 2019, 9, .	0.6	10
6	Research on the Preparation and Spectral Characteristics of Graphene/TMDs Hetero-structures. <i>Nanoscale Research Letters</i> , 2020, 15, 219.	3.1	8
7	The Large-Scale Preparation and Optical Properties of MoS ₂ /WS ₂ Vertical Hetero-Junction. <i>Molecules</i> , 2020, 25, 1857.	1.7	7
8	Investigation of charge trapping mechanism in MoS ₂ field effect transistor by incorporating Al into host La ₂ O ₃ as gate dielectric. <i>Nanotechnology</i> , 2021, 32, 305201.	1.3	5
9	Low-Power OR Logic Ferroelectric In-Situ Transistor Based on a CuInP ₂ S ₆ /MoS ₂ Van Der Waals Heterojunction. <i>Nanomaterials</i> , 2021, 11, 1971.	1.9	5
10	Preparation and Research of Monolayer WS ₂ FETs Encapsulated by h-BN Material. <i>Micromachines</i> , 2021, 12, 1006.	1.4	5
11	Comprehensive Performance Quasi-Non-Volatile Memory Compatible with Large-Scale Preparation by Chemical Vapor Deposition. <i>Nanomaterials</i> , 2020, 10, 1471.	1.9	4
12	Interface optimization of La-based gate dielectric for molybdenum disulfide field-effect transistors. <i>Applied Surface Science</i> , 2022, 581, 152248.	3.1	3
13	Synthesis and Spectral Characteristics Investigation of the 2D-2D vdWs Heterostructure Materials. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1246.	1.8	2