

Ke Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2823639/publications.pdf>

Version: 2024-02-01

11
papers

940
citations

1039880

9
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

1631
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of the Dirac fluid and the breakdown of the Wiedemann-Franz law in graphene. <i>Science</i> , 2016, 351, 1058-1061.	6.0	491
2	Electrical control of charged carriers and excitons in atomically thin materials. <i>Nature Nanotechnology</i> , 2018, 13, 128-132.	15.6	142
3	Two-fold symmetric superconductivity in few-layer NbSe ₂ . <i>Nature Physics</i> , 2021, 17, 949-954.	6.5	65
4	Ultrafast coherent control of a hole spin qubit in a germanium quantum dot. <i>Nature Communications</i> , 2022, 13, 206.	5.8	58
5	Image polaritons in boron nitride for extreme polariton confinement with low losses. <i>Nature Communications</i> , 2020, 11, 3649.	5.8	56
6	Correlated Insulating States and Transport Signature of Superconductivity in Twisted Trilayer Graphene Superlattices. <i>Physical Review Letters</i> , 2021, 127, 166802.	2.9	44
7	Graphene transistor based on tunable Dirac fermion optics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6575-6579.	3.3	34
8	Impact of geometry and non-idealities on electron "optics"-based graphene p-n junction devices. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	17
9	Guided Modes of Anisotropic van der Waals Materials Investigated by near-Field Scanning Optical Microscopy. <i>ACS Photonics</i> , 2018, 5, 1196-1201.	3.2	15
10	Spin manipulation in semiconductor quantum dots qubit. <i>Chinese Physics B</i> , 2018, 27, 090308.	0.7	11
11	Tunneling Spectroscopy of Quantum Hall States in Bilayer Graphene p-n Junctions. <i>Physical Review Letters</i> , 2019, 122, 146801.	2.9	7