

Ning Kang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9325856/publications.pdf>

Version: 2024-02-01

38
papers

2,541
citations

331538

21
h-index

302012

39
g-index

40
all docs

40
docs citations

40
times ranked

4051
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Doping Induced Superconductivity-to-Incommensurate Density Waves Transition in a 2D Ultrathin Cr-Doped Mo ₂ C Crystal. ACS Nano, 2021, 15, 14938-14946.	7.3	7
2	Superhigh Uniform Magnetic Cr Substitution in a 2D Mo ₂ C Superconductor for a Macroscopic Scale Kondo Effect. Advanced Materials, 2020, 32, 2002825.	11.1	7
3	Realization and transport investigation of a single layer-twisted bilayer graphene junction. Carbon, 2020, 163, 105-112.	5.4	4
4	Transport through a network of two-dimensional NbC superconducting crystals connected via weak links. Physical Review B, 2020, 101, .	1.1	2
5	Transport signatures of relativistic quantum scars in a graphene cavity. Physical Review B, 2020, 101, .	1.1	3
6	Nitrogen cluster doping for high-mobility/conductivity graphene films with millimeter-sized domains. Science Advances, 2019, 5, eaaw8337.	4.7	77
7	Ultrafast growth of nanocrystalline graphene films by quenching and grain-size-dependent strength and bandgap opening. Nature Communications, 2019, 10, 4854.	5.8	43
8	A Force-Engineered Lint Roller for Superclean Graphene. Advanced Materials, 2019, 31, e1902978.	11.1	40
9	Coexistence of induced superconductivity and quantum Hall states in InSb nanosheets. Physical Review B, 2019, 99, .	1.1	18
10	Towards super-clean graphene. Nature Communications, 2019, 10, 1912.	5.8	133
11	Copper-Containing Carbon Feedstock for Growing Superclean Graphene. Journal of the American Chemical Society, 2019, 141, 7670-7674.	6.6	47
12	Effects of domain structures on vortex state of two-dimensional superconducting Mo ₂ C crystals. 2D Materials, 2019, 6, 021005.	2.0	8
13	Transport Properties of Topological Semimetal Tungsten Carbide in the 2D Limit. Advanced Electronic Materials, 2019, 5, 1800839.	2.6	5
14	Crossover from Coulomb blockade to ballistic transport in InAs nanowire devices. Nanotechnology, 2019, 30, 124001.	1.3	4
15	Two-Dimensional Quantum Transport in Free-Standing InSb Nanosheets. Nano Letters, 2019, 19, 561-569.	4.5	24
16	Supercurrent and Multiple Andreev Reflections in InSb Nanosheet SNS Junctions. Physica Status Solidi (B): Basic Research, 2019, 256, 1800538.	0.7	13
17	Grain Boundaries and Tilt-Angle-Dependent Transport Properties of a 2D Mo ₂ C Superconductor. Nano Letters, 2019, 19, 857-865.	4.5	18
18	Charge transport and electron-hole asymmetry in low-mobility graphene/hexagonal boron nitride heterostructures. Journal of Applied Physics, 2018, 123, .	1.1	3

#	ARTICLE	IF	CITATIONS
19	Low-field magnetotransport in graphene cavity devices. <i>Nanotechnology</i> , 2018, 29, 205707.	1.3	1
20	Low-temperature and Rapid Growth of Large Single-Crystalline Graphene with Ethane. <i>Small</i> , 2018, 14, 1702916.	5.2	39
21	Signature of quantum Griffiths singularity state in a layered quasi-one-dimensional superconductor. <i>Nature Communications</i> , 2018, 9, 4656.	5.8	21
22	Electron-Hole Symmetry Breaking in Charge Transport in Nitrogen-Doped Graphene. <i>ACS Nano</i> , 2017, 11, 4641-4650.	7.3	46
23	Strongly Coupled High-Quality Graphene/2D Superconducting Mo ₂ C Vertical Heterostructures with Aligned Orientation. <i>ACS Nano</i> , 2017, 11, 5906-5914.	7.3	110
24	phase transition in hybrid superconductor-InSb nanowire quantum dot devices. <i>Physical Review B</i> , 2017, 95, .	1.1	33
25	Magnetotransport in Ultrathin 2-D Superconducting Mo ₂ C Crystals. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-4.	1.2	9
26	Wrinkle-Free Single-Crystal Graphene Wafer Grown on Strain-Engineered Substrates. <i>ACS Nano</i> , 2017, 11, 12337-12345.	7.3	172
27	Magnetotransport Properties in High-Quality Ultrathin Two-Dimensional Superconducting Mo ₂ C Crystals. <i>ACS Nano</i> , 2016, 10, 4504-4510.	7.3	69
28	Surface Monocrystallization of Copper Foil for Fast Growth of Large Single-Crystal Graphene under Free Molecular Flow. <i>Advanced Materials</i> , 2016, 28, 8968-8974.	11.1	128
29	Coherent Charge Transport in Ballistic InSb Nanowire Josephson Junctions. <i>Scientific Reports</i> , 2016, 6, 24822.	1.6	26
30	Unique Domain Structure of Two-Dimensional \pm -Mo ₂ C Superconducting Crystals. <i>Nano Letters</i> , 2016, 16, 4243-4250.	4.5	101
31	Free-Standing Two-Dimensional Single-Crystalline InSb Nanosheets. <i>Nano Letters</i> , 2016, 16, 834-841.	4.5	72
32	Surface Engineering of Copper Foils for Growing Centimeter-Sized Single-Crystalline Graphene. <i>ACS Nano</i> , 2016, 10, 2922-2929.	7.3	89
33	Phase-coherent transport and spin relaxation in InAs nanowires grown by molecule beam epitaxy. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	21
34	Formation of long single quantum dots in high quality InSb nanowires grown by molecular beam epitaxy. <i>Nanoscale</i> , 2015, 7, 14822-14828.	2.8	23
35	Large-area high-quality 2D ultrathin Mo ₂ C superconducting crystals. <i>Nature Materials</i> , 2015, 14, 1135-1141.	13.3	1,045
36	One-dimensional electronic transport at the organic charge-transfer interfaces under high pressures. <i>Applied Physics Letters</i> , 2014, 104, 193302.	1.5	1

#	ARTICLE	IF	CITATIONS
37	Photoelectrical response of hybrid graphene-PbS quantum dot devices. Applied Physics Letters, 2013, 103, .	1.5	56
38	Resonant Scattering in Proximityâ€Coupled Graphene/Superconducting Mo ₂ C Heterostructures. Advanced Science, 0, , 2201343.	5.6	1