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List of Publications by Year in descending order

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29
papers

1,366
citations

430442

18
h-index

476904

29
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30
all docs

30
docs citations

30
times ranked

2866
citing authors

#	ARTICLE	IF	CITATIONS
1	New First Order Raman-active Modes in Few Layered Transition Metal Dichalcogenides. Scientific Reports, 2014, 4, 4215.	1.6	367
2	Near optimal graphene terahertz non-reciprocal isolator. Nature Communications, 2016, 7, 11216.	5.8	108
3	Hall and field-effect mobilities in few layered p-WSe2 field-effect transistors. Scientific Reports, 2015, 5, 8979.	1.6	107
4	Integer Quantum Hall Effect in Trilayer Graphene. Physical Review Letters, 2011, 107, 126806.	2.9	94
5	Electrically controlled terahertz magneto-optical phenomena in continuous and patterned graphene. Nature Communications, 2017, 8, 14626.	5.8	93
6	Isotope effect in superconducting n-doped SrTiO3. Scientific Reports, 2016, 6, 37582.	1.6	72
7	Unveiling the Magnetic Structure of Graphene Nanoribbons. Physical Review Letters, 2011, 107, 086601.	2.9	64
8	Edge magnetotransport fingerprints in disordered graphene nanoribbons. Physical Review B, 2010, 82, .	1.1	63
9	Competition between spontaneous symmetry breaking and single-particle gaps in trilayer graphene. Nature Communications, 2014, 5, 5656.	5.8	57
10	Electron cyclotron effective mass in indium nitride. Applied Physics Letters, 2010, 96, .	1.5	37
11	Determination of effective mass in InN by high-field oscillatory magnetoabsorption spectroscopy. Physical Review B, 2011, 83, .	1.1	34
12	Anodic bonded graphene. Journal Physics D: Applied Physics, 2010, 43, 374013.	1.3	32
13	Magnetoplasmons in Quasineutral Epitaxial Graphene Nanoribbons. Physical Review Letters, 2013, 110, 246803.	2.9	30
14	Measurement of Filling-Factor-Dependent Magnetophonon Resonances in Graphene Using Raman Spectroscopy. Physical Review Letters, 2013, 110, 227402.	2.9	28
15	Cyclotron resonance of single-valley Dirac fermions in nearly gapless HgTe quantum wells. Physical Review B, 2014, 89, .	1.1	27
16	Magnetoplasmonic enhancement of Faraday rotation in patterned graphene metasurfaces. Physical Review B, 2018, 97, .	1.1	27
17	Impact of disorder on the $\nu = 1/2$ quantum Hall plateau in graphene. Physical Review B, 2010, 82, .	1.1	27
18	Electron-hole coexistence in disordered graphene probed by high-field magneto-transport. New Journal of Physics, 2010, 12, 083006.	1.2	19

#	ARTICLE	IF	CITATIONS
19	High sensitivity variable-temperature infrared nanoscopy of conducting oxide interfaces. Nature Communications, 2019, 10, 2774.	5.8	16
20	Unveiling the Optical Emission Channels of Monolayer Semiconductors Coupled to Silicon Nanoantennas. ACS Photonics, 2020, 7, 3106-3115.	3.2	16
21	Hyper-Doped Silicon Nanoantennas and Metasurfaces for Tunable Infrared Plasmonics. ACS Photonics, 2021, 8, 1393-1399.	3.2	14
22	High magnetic field induced charge density waves and sign reversal of the Hall coefficient in graphite. Journal of Physics Condensed Matter, 2010, 22, 436004.	0.7	12
23	Multicomponent Quantum Hall Ferromagnetism and Landau Level Crossing in Rhombohedral Trilayer Graphene. Nano Letters, 2016, 16, 227-231.	4.5	8
24	Suppressed Magnetic Circular Dichroism and Valley-Selective Magnetoabsorption due to the Effective Mass Anisotropy in Bismuth. Physical Review Letters, 2016, 117, 017402.	2.9	7
25	Electric field doping of few-layer graphene. Physica B: Condensed Matter, 2010, 405, 1163-1167.	1.3	4
26	Magnetically tunable graphene-based reflector under linear polarized incidence at room temperature. Applied Physics Letters, 2018, 112, .	1.5	4
27	Infrared nanoplasmonic properties of hyperdoped embedded Si nanocrystals in the few electrons regime. Nanophotonics, 2022, 11, 3485-3493.	2.9	3
28	Nonlinear THz spectroscopy and simulation of gated graphene. Journal of Physics Communications, 2018, 2, 065016.	0.5	2
29	Ultracompact Binary Permanent Rare-Earth Magnet with 1.25-T Center Field and Fast-Decaying Stray Field. Physical Review Applied, 2021, 16, .	1.5	2