

Jun Yan

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

3,561
citations

257450

24
h-index

361022

35
g-index

38
all docs

38
docs citations

38
times ranked

5747
citing authors

#	ARTICLE	IF	CITATIONS
19	Helicity-Resolved Raman Scattering of MoS ₂ , MoSe ₂ , WS ₂ , and WSe ₂ Atomic Layers. Nano Letters, 2015, 15, 2526-2532.	9.1	241
20	Antenna Enhanced Graphene THz Emitter and Detector. Nano Letters, 2015, 15, 5295-5301.	9.1	138
21	THz radiation from SWCNTs, graphene and metallic thin films: A comparative study. , 2014, , .		0
22	Characterization of Fast Temporal Photoreponse in a Broadband Graphene Photodetector. , 2014, , .		0
23	Sensitive room-temperature terahertz detection via the photothermoelectric effect in graphene. Nature Nanotechnology, 2014, 9, 814-819.	31.5	474
24	Photothermal Response in Dual-Gated Bilayer Graphene. Physical Review Letters, 2013, 110, 247402.	7.8	41
25	Raman spectroscopy of magneto-phonon resonances in graphene and graphite. Solid State Communications, 2012, 152, 1289-1293.	1.9	22
26	Dual-gated bilayer graphene hot-electron bolometer. Nature Nanotechnology, 2012, 7, 472-478.	31.5	409
27	Correlated Charged Impurity Scattering in Graphene. Physical Review Letters, 2011, 107, 206601.	7.8	142
28	Rapid Collapse of Spin Waves in Nonuniform Phases of the Second Landau Level. Physical Review Letters, 2011, 106, 196805.	7.8	46
29	Multilayer graphene films grown by molecular beam deposition. Solid State Communications, 2010, 150, 809-811.	1.9	35
30	Observation of Magnetophonon Resonance of Dirac Fermions in Graphite. Physical Review Letters, 2010, 105, 227401.	7.8	47
31	Charge Transport in Dual Gated Bilayer Graphene with Corbino Geometry. Nano Letters, 2010, 10, 4521-4525.	9.1	76
32	Optical phonon mixing in bilayer graphene with a broken inversion symmetry. Physical Review B, 2009, 80, .	3.2	73
33	Observation of Anomalous Phonon Softening in Bilayer Graphene. Physical Review Letters, 2008, 101, 136804.	7.8	160
34	Soft Spin Wave near $\frac{1}{2}$ Evidence for a Magnetic Instability in Skyrmion Systems. Physical Review Letters, 2008, 100, 086806.	7.8	36
35	The Spin Excitation Spectrum in Quantum Hall Systems: Insights from Light Scattering Experiments. International Journal of Modern Physics B, 2007, 21, 1209-1218.	2.0	3
36	Electric Field Effect Tuning of Electron-Phonon Coupling in Graphene. Physical Review Letters, 2007, 98, 166802.	7.8	996

#	ARTICLE	IF	CITATIONS
37	Raman scattering and tunable electron-phonon coupling in single layer graphene. Solid State Communications, 2007, 143, 39-43.	1.9	43