Duhee Yoon

List of Publications by Year
in descending order

34 papers	4,832 citations	257450 24 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	9300 citing authors

#	Article	IF	Citations
1	Multiple Magnetic Phases in Van Der Waals Mnâ€Doped SnS₂ Semiconductor. Advanced Functional Materials, 2021, 31, 2102560.	14.9	17
2	Van der Waals electride: Toward intrinsic two-dimensional ferromagnetism of spin-polarized anionic electrons. Materials Today Physics, 2021, 20, 100473.	6.0	10
3	Niobium diselenide superconducting photodetectors. Applied Physics Letters, 2019, 114, .	3.3	28
4	Radio Frequency Transmission: Improving Radio Frequency Transmission Properties of Graphene via Carrier Concentration Control toward High Frequency Transmission Line Applications (Adv. Funct.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	14.9	0
5	Broadband, electrically tunable third-harmonic generation in graphene. Nature Nanotechnology, 2018, 13, 583-588.	31.5	211
6	Multi-Valley Superconductivity in Ion-Gated MoS₂ Layers. Nano Letters, 2018, 18, 4821-4830.	9.1	58
7	Large-scale quantum-emitter arrays in atomically thin semiconductors. Nature Communications, 2017, 8, 15093.	12.8	406
8	High Responsivity, Large-Area Graphene/MoS₂ Flexible Photodetectors. ACS Nano, 2016, 10, 8252-8262.	14.6	275
9	Atomically thin quantum light-emitting diodes. Nature Communications, 2016, 7, 12978.	12.8	242
10	Raman Radiation Patterns of Graphene. ACS Nano, 2016, 10, 1756-1763.	14.6	48
11	Anisotropic phonon softening of uniaxially strained bilayer graphene. Carbon, 2016, 103, 473-479.	10.3	3
12	Raman Fingerprints of Atomically Precise Graphene Nanoribbons. Nano Letters, 2016, 16, 3442-3447.	9.1	83
13	Photo-Induced Bandgap Renormalization Governs the Ultrafast Response of Single-Layer MoS₂. ACS Nano, 2016, 10, 1182-1188.	14.6	272
14	Bright visible light emission from graphene. Nature Nanotechnology, 2015, 10, 676-681.	31.5	284
15	Anisotropic behavior of hydrogen in the formation of pentagonal graphene domains. Carbon, 2015, 89, 242-248.	10.3	17
16	Electrical control of nanoscale functionalization in graphene by the scanning probe technique. NPG Asia Materials, 2014, 6, e102-e102.	7.9	29
17	Polarization dependence of double resonant Raman scattering band in bilayer graphene. Carbon, 2014, 72, 257-263.	10.3	20
18	Doping Dependence of the Raman Spectrum of Defected Graphene. ACS Nano, 2014, 8, 7432-7441.	14.6	312

#	Article	IF	Citations
19	Young's modulus of ZnO microwires determined by various mechanical measurement methods. Current Applied Physics, 2014, 14, 166-170.	2.4	15
20	Excitation Energy Dependent Raman Signatures of ABA- and ABC-stacked Few-layer Graphene. Scientific Reports, 2014, 4, 4630.	3.3	75
21	Polarization dependence of the photocurrent due to an anisotropic electron-photon interaction in Pd-graphene-Pd devices. Journal of the Korean Physical Society, 2013, 63, 1019-1022.	0.7	1
22	Photoluminescent nanographitic/nitrogen-doped graphitic hollow shells as a potential candidate for biological applications. Journal of Materials Chemistry B, 2013, 1, 1229.	5.8	12
23	Fano resonance in Raman scattering of graphene. Carbon, 2013, 61, 373-378.	10.3	34
24	Between Scylla and Charybdis: Hydrophobic Graphene-Guided Water Diffusion on Hydrophilic Substrates. Scientific Reports, 2013, 3, 2309.	3.3	60
25	Estimation of Youngâ€™s Modulus of Graphene by Raman Spectroscopy. Nano Letters, 2012, 12, 4444-4448.	9.1	356
26	Aligned networks of cadmium sulfidenanowires for highly flexible photodetectors with improved photoconductive responses. Journal of Materials Chemistry, 2012, 22, 2173-2179.	6.7	84
27	One-step graphene coating of heteroepitaxial GaN films. Nanotechnology, 2012, 23, 435603.	2.6	33
28	Enhancement of the Raman scattering intensity in folded bilayer graphene. Journal of the Korean Physical Society, 2012, 60, 1278-1281.	0.7	4
29	Strain-Dependent Splitting of the Double-Resonance Raman Scattering Band in Graphene. Physical Review Letters, 2011, 106, 155502.	7.8	267
30	Friction Anisotropyâ€"Driven Domain Imaging on Exfoliated Monolayer Graphene. Science, 2011, 333, 607-610.	12.6	284
31	Negative Thermal Expansion Coefficient of Graphene Measured by Raman Spectroscopy. Nano Letters, 2011, 11, 3227-3231.	9.1	869
32	Nanoscale Lithography on Monolayer Graphene Using Hydrogenation and Oxidation. ACS Nano, 2011, 5, 6417-6424.	14.6	138
33	Variations in the Raman Spectrum as a Function of the Number ofGraphene Layers. Journal of the Korean Physical Society, 2009, 55, 1299-1303.	0.7	197
34	Strong Polarization Dependence of Double-Resonant Raman Intensities in Graphene. Nano Letters, 2008, 8, 4270-4274.	9.1	88