

# Jiho Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

239  
citations

1163117

8  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term stability study of graphene-passivated black phosphorus under air exposure. <i>Current Applied Physics</i> , 2016, 16, 165-169.	2.4	77
2	Gate tunable optical absorption and band structure of twisted bilayer graphene. <i>Physical Review B</i> , 2019, 99, .	3.2	36
3	Development of highly efficient large area organic photovoltaic module: Effects of nonfullerene acceptor. <i>Nano Energy</i> , 2020, 77, 105147.	16.0	22
4	Anti-Biofouling Features of Eco-Friendly Oleamide- $\epsilon$ -PDMS Copolymers. <i>ACS Omega</i> , 2020, 5, 11515-11521.	3.5	17
5	Optical spectroscopy study on the effect of hydrogen adsorption on graphene. <i>Carbon</i> , 2016, 103, 109-114.	10.3	16
6	Enhanced Static and Dynamic Properties of Highly Miscible Fullerene-Free Green-Selective Organic Photodetectors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 25164-25174.	8.0	16
7	Infrared spectroscopic study of carrier scattering in gated CVD graphene. <i>Physical Review B</i> , 2016, 94, .	3.2	11
8	Tunable Wetting Property in Growth Mode-Controlled WS <sub>2</sub> Thin Films. <i>Nanoscale Research Letters</i> , 2017, 12, 262.	5.7	10
9	Strong hole-doping and robust resistance-decrease in proton-irradiated graphene. <i>Scientific Reports</i> , 2016, 6, 21311.	3.3	7
10	Infrared study of carrier scattering mechanism in ion-gated graphene. <i>Applied Physics Letters</i> , 2019, 114, 083503.	3.3	6
11	Observation of optical absorption correlated with surface state of topological insulator. <i>Physical Review B</i> , 2019, 100, .	3.2	5
12	In-depth probing of thermally-driven phase separation behavior of lamella-forming PS-b-PMMA films by infrared nanoscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121095.	3.9	4
13	Infrared study of large scale h-BN film and graphene/h-BN heterostructure. <i>Applied Physics Letters</i> , 2016, 108, 241910.	3.3	3
14	Microdomain homogeneity evaluation of perpendicular lamellar structures in block copolymer films: X-ray scattering and IR nanospectroscopy analyses. <i>Polymer Testing</i> , 2021, 104, 107409.	4.8	3
15	Spectrochemical analysis of slippery loach skin and kelp using FTIR imaging. <i>Vibrational Spectroscopy</i> , 2022, 118, 103338.	2.2	3
16	Thickness-dependent Raman Spectra of CVD-grown WSe <sub>2</sub> Thin Films. <i>New Physics: Sae Mulli</i> , 2015, 65, 633-637.	0.1	2
17	Infrared Spectroscopic Probe of Charge Distribution in Gated Multilayer Graphene: Evidence of Nonlinear Screening. <i>Physical Review Applied</i> , 2020, 13, .	3.8	1
18	3D structural analysis of PI blend/BN composite film with FTIR spectro-microtomography. <i>Vibrational Spectroscopy</i> , 2020, 110, 103144.	2.2	0

#	ARTICLE	IF	CITATIONS
19	Selective CO <sub>2</sub> adsorption and bathochromic shift in a phosphocholine-based lipid and conjugated polymer assembly. RSC Advances, 2022, 12, 8385-8393.	3.6	0