

Kangho Lee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

7,773

citations

18

h-index

28

g-index

28

ext. papers

8,644

ext. citations

8.6

avg, IF

4.89

L-index

#	Paper	IF	Citations
26	Two-dimensional nanosheets produced by liquid exfoliation of layered materials. <i>Science</i> , 2011 , 331, 568-71	33.3	5221
25	Liquid exfoliation of solvent-stabilized few-layer black phosphorus for applications beyond electronics. <i>Nature Communications</i> , 2015 , 6, 8563	17.4	764
24	High-performance sensors based on molybdenum disulfide thin films. <i>Advanced Materials</i> , 2013 , 25, 6699-702	7.02	359
23	High-Performance Hybrid Electronic Devices from Layered PtSe Films Grown at Low Temperature. <i>ACS Nano</i> , 2016 , 10, 9550-9558	16.7	245
22	Electrical characteristics of molybdenum disulfide flakes produced by liquid exfoliation. <i>Advanced Materials</i> , 2011 , 23, 4178-82	24	208
21	Production and processing of graphene and related materials. <i>2D Materials</i> , 2020 , 7, 022001	5.9	179
20	Chemically modulated graphene diodes. <i>Nano Letters</i> , 2013 , 13, 2182-8	11.5	132
19	Plasma assisted synthesis of WS ₂ for gas sensing applications. <i>Chemical Physics Letters</i> , 2014 , 615, 6-10	2.5	123
18	Controlled synthesis of transition metal dichalcogenide thin films for electronic applications. <i>Applied Surface Science</i> , 2014 , 297, 139-146	6.7	122
17	The effect of downstream plasma treatments on graphene surfaces. <i>Carbon</i> , 2012 , 50, 395-403	10.4	86
16	Highly sensitive, transparent, and flexible gas sensors based on gold nanoparticle decorated carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2013 , 188, 571-575	8.5	62
15	Transition metal dichalcogenide growth via close proximity precursor supply. <i>Scientific Reports</i> , 2014 , 4, 7374	4.9	60
14	Nanoelectromechanical Sensors Based on Suspended 2D Materials. <i>Research</i> , 2020 , 2020, 8748602	7.8	39
13	Reliable processing of graphene using metal etchmasks. <i>Nanoscale Research Letters</i> , 2011 , 6, 390	5	30
12	Investigations of vapour-phase deposited transition metal dichalcogenide films for future electronic applications. <i>Solid-State Electronics</i> , 2016 , 125, 39-51	1.7	30
11	CVD growth and processing of graphene for electronic applications. <i>Physica Status Solidi (B): Basic Research</i> , 2011 , 248, 2604-2608	1.3	23
10	Quantum Confinement and Gas Sensing of Mechanically Exfoliated GaSe. <i>Advanced Materials Technologies</i> , 2017 , 2, 1600197	6.8	22

9	Low wavenumber Raman spectroscopy of highly crystalline MoSe ₂ grown by chemical vapor deposition. <i>Physica Status Solidi (B): Basic Research</i> , 2015 , 252, 2385-2389	1.3	21
8	Influence of electrical contacts on the 1/f noise in individual multi-walled carbon nanotubes. <i>Nanotechnology</i> , 2010 , 21, 335702	3.4	10
7	Growth optimisation of high quality graphene from ethene at low temperatures. <i>Chemical Physics Letters</i> , 2014 , 595-596, 192-196	2.5	8
6	Calibration of Nonstationary Gas Sensors Based on Two-Dimensional Materials. <i>ACS Omega</i> , 2020 , 5, 5959-5963	3.9	7
5	Electrical properties of high density arrays of silicon nanowire field effect transistors. <i>Journal of Applied Physics</i> , 2013 , 114, 144503	2.5	6
4	Cell Proliferation Tracking Using Graphene Sensor Arrays. <i>Journal of Sensors</i> , 2012 , 2012, 1-7	2	5
3	Investigation of carbon-silicon schottky diodes and their use as chemical sensors 2013 ,		4
2	Hybrid Devices by Selective and Conformal Deposition of PtSe ₂ at Low Temperatures. <i>Advanced Functional Materials</i> , 2021 , 31, 2103936	15.6	4
1	Investigation of 2D transition metal dichalcogenide films for electronic devices 2015 ,		3