

Junmo Kang

List of Publications by Year in descending order

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26
papers

2,808
citations

331259

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552369

26
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26
all docs

26
docs citations

26
times ranked

6169
citing authors

#	ARTICLE	IF	CITATIONS
1	Thickness-dependent charge transport in exfoliated indium selenide vertical field-effect transistors. Applied Physics Letters, 2019, 115, 243104.	1.5	5
2	Self-Aligned van der Waals Heterojunction Diodes and Transistors. Nano Letters, 2018, 18, 1421-1427.	4.5	51
3	Selective Transfer of Rotationally Commensurate MoS ₂ from an Epitaxially Grown van der Waals Heterostructure. Chemistry of Materials, 2018, 30, 8495-8500.	3.2	6
4	Experimental Investigation on 3D Graphene-CNT Hybrid Foams with Different Interactions. Nanomaterials, 2018, 8, 694.	1.9	12
5	High-performance near-field electromagnetic wave attenuation in ultra-thin and transparent graphene films. 2D Materials, 2017, 4, 025003.	2.0	36
6	Low-Voltage 2D Material Field-Effect Transistors Enabled by Ion Gel Capacitive Coupling. Chemistry of Materials, 2017, 29, 4008-4013.	3.2	14
7	Tensile properties of millimeter-long multi-walled carbon nanotubes. Scientific Reports, 2017, 7, 9512.	1.6	66
8	Multiscale, Hierarchical Patterning of Graphene by Conformal Wrinkling. Nano Letters, 2016, 16, 7121-7127.	4.5	96
9	Metal-Free Carbon-Based Nanomaterial Coatings Protect Silicon Photoanodes in Solar Water-Splitting. Nano Letters, 2016, 16, 7370-7375.	4.5	30
10	Low-Voltage Complementary Electronics from Ion-Gel-Gated Vertical Van der Waals Heterostructures. Advanced Materials, 2016, 28, 3742-3748.	11.1	91
11	Hybrid, Gate-Tunable, van der Waals n Heterojunctions from Pentacene and MoS ₂ . Nano Letters, 2016, 16, 497-503.	4.5	295
12	Probing Out-of-Plane Charge Transport in Black Phosphorus with Graphene-Contacted Vertical Field-Effect Transistors. Nano Letters, 2016, 16, 2580-2585.	4.5	119
13	Spatial strain variation of graphene films for stretchable electrodes. Carbon, 2015, 93, 620-624.	5.4	32
14	An Ag-grid/graphene hybrid structure for large-scale, transparent, flexible heaters. Nanoscale, 2015, 7, 6567-6573.	2.8	130
15	Investigation of Band-Offsets at Monolayer/Multilayer MoS ₂ Junctions by Scanning Photocurrent Microscopy. Nano Letters, 2015, 15, 2278-2284.	4.5	141
16	Solution-Processed Dielectrics Based on Thickness-Sorted Two-Dimensional Hexagonal Boron Nitride Nanosheets. Nano Letters, 2015, 15, 7029-7036.	4.5	101
17	Composite Membrane Based on Graphene Oxide Sheets and Nafion for Polymer Electrolyte Membrane Fuel Cells. ECS Electrochemistry Letters, 2014, 4, F1-F4.	1.9	46
18	Laminated Ultrathin Chemical Vapor Deposition Graphene Films Based Stretchable and Transparent High-Rate Supercapacitor. ACS Nano, 2014, 8, 9437-9445.	7.3	240

#	ARTICLE	IF	CITATIONS
19	A highly conducting graphene film with dual-side molecular n-doping. <i>Nanoscale</i> , 2014, 6, 9545-9549.	2.8	27
20	A transparent and stretchable graphene-based actuator for tactile display. <i>Nanotechnology</i> , 2013, 24, 145501.	1.3	70
21	Graphene transfer: key for applications. <i>Nanoscale</i> , 2012, 4, 5527.	2.8	405
22	Efficient Transfer of Large-Area Graphene Films onto Rigid Substrates by Hot Pressing. <i>ACS Nano</i> , 2012, 6, 5360-5365.	7.3	172
23	MnO ₂ /graphene composite electrodes for supercapacitors: the effect of graphene intercalation on capacitance. <i>Journal of Materials Chemistry</i> , 2011, 21, 18215.	6.7	78
24	High-Performance Graphene-Based Transparent Flexible Heaters. <i>Nano Letters</i> , 2011, 11, 5154-5158.	4.5	457
25	Controlling the Carbon Nanotube-to-Medium Conductivity Ratio for Dielectrophoretic Separation. <i>Langmuir</i> , 2009, 25, 12471-12474.	1.6	16
26	Continuous Extraction of Highly Pure Metallic Single-Walled Carbon Nanotubes in a Microfluidic Channel. <i>Nano Letters</i> , 2008, 8, 4380-4385.	4.5	72