

Jaemyung Kim

List of Publications by Year in descending order

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31
papers

6,543
citations

279701

23
h-index

501076

28
g-index

32
all docs

32
docs citations

32
times ranked

11337
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive-free carbon nanotube dispersions, pastes, gels, and doughs in cresols. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5703-5708.	3.3	46
2	Controlling the Metal to Semiconductor Transition of MoS ₂ and WS ₂ in Solution. Journal of the American Chemical Society, 2015, 137, 1742-1745.	6.6	155
3	Printable Ultrathin Metal Oxide Semiconductor-Based Conformal Biosensors. ACS Nano, 2015, 9, 12174-12181.	7.3	126
4	Interface Control in Organic Electronics Using Mixed Monolayers of Carboranethiol Isomers. Nano Letters, 2014, 14, 2946-2951.	4.5	90
5	Pencil Drawn Strain Gauges and Chemiresistors on Paper. Scientific Reports, 2014, 4, 3812.	1.6	131
6	Chemically Exfoliated MoS ₂ as Near-Infrared Photothermal Agents. Angewandte Chemie - International Edition, 2013, 52, 4160-4164.	7.2	575
7	Ligand Conjugation of Chemically Exfoliated MoS ₂ . Journal of the American Chemical Society, 2013, 135, 4584-4587.	6.6	509
8	Material Processing of Chemically Modified Graphene: Some Challenges and Solutions. Accounts of Chemical Research, 2013, 46, 2225-2234.	7.6	156
9	Enhanced Electrocatalytic Properties of Transition-Metal Dichalcogenides Sheets by Spontaneous Gold Nanoparticle Decoration. Journal of Physical Chemistry Letters, 2013, 4, 1227-1232.	2.1	315
10	Seeing Two-Dimensional Sheets on Arbitrary Substrates by Fluorescence Quenching Microscopy. Small, 2013, 9, 3253-3258.	5.2	11
11	Fluorescence Quenching: Seeing Two-Dimensional Sheets on Arbitrary Substrates by Fluorescence Quenching Microscopy (Small 19/2013). Small, 2013, 9, 3252-3252.	5.2	14
12	PATTERNING AND ASSEMBLING NANOMATERIALS BY DIP COATING. , 2012, , 189-233.		1
13	Two Dimensional Soft Material: New Faces of Graphene Oxide. Accounts of Chemical Research, 2012, 45, 1356-1364.	7.6	577
14	Towards solution processed all-carbon solar cells: a perspective. Energy and Environmental Science, 2012, 5, 7810.	15.6	87
15	Graphene Oxide:Single-Walled Carbon Nanotube-Based Interfacial Layer for All-Solution-Processed Multijunction Solar Cells in Both Regular and Inverted Geometries. Advanced Energy Materials, 2012, 2, 299-303.	10.2	50
16	Graphene Oxide:Single-Walled Carbon Nanotube-Based Interfacial Layer for All-Solution-Processed Multijunction Solar Cells in Both Regular and Inverted Geometries (Adv. Energy Mater. 3/2012). Advanced Energy Materials, 2012, 2, 298-298.	10.2	0
17	Langmuir-Blodgett Assembly of Soft Carbon Sheets. Materials Research Society Symposia Proceedings, 2011, 1344, 1.	0.1	0
18	Graphene Oxide as a Two-dimensional Surfactant. Materials Research Society Symposia Proceedings, 2011, 1344, 1.	0.1	2

#	ARTICLE	IF	CITATIONS
19	Drop-Casted Self-Assembling Graphene Oxide Membranes for Scanning Electron Microscopy on Wet and Dense Gaseous Samples. ACS Nano, 2011, 5, 10047-10054.	7.3	115
20	Surfactant-Free Water-Processable Photoconductive All-Carbon Composite. Journal of the American Chemical Society, 2011, 133, 4940-4947.	6.6	200
21	Sticky Interconnect for Solution-Processed Tandem Solar Cells. Journal of the American Chemical Society, 2011, 133, 9262-9265.	6.6	173
22	Water Processable Graphene Oxide:Single Walled Carbon Nanotube Composite as Anode Modifier for Polymer Solar Cells. Advanced Energy Materials, 2011, 1, 1052-1057.	10.2	87
23	Water Processable Graphene Oxide:Single Walled Carbon Nanotube Composite as Anode Modifier for Polymer Solar Cells (Adv. Energy Mater. 6/2011). Advanced Energy Materials, 2011, 1, 1051-1051.	10.2	1
24	All-Carbon Composite for Photovoltaics. Materials Research Society Symposia Proceedings, 2011, 1344, 1.	0.1	0
25	Seeing graphene-based sheets. Materials Today, 2010, 13, 28-38.	8.3	171
26	Graphene oxide as surfactant sheets. Pure and Applied Chemistry, 2010, 83, 95-110.	0.9	373
27	Patterned Growth of Vertically Aligned Organic Nanowire Waveguide Arrays. ACS Nano, 2010, 4, 1630-1636.	7.3	138
28	Graphene Oxide Sheets at Interfaces. Journal of the American Chemical Society, 2010, 132, 8180-8186.	6.6	1,573
29	Tunable assembly of graphene oxide surfactant sheets: wrinkles, overlaps and impacts on thin film properties. Soft Matter, 2010, 6, 6096.	1.2	206
30	Visualizing Graphene Based Sheets by Fluorescence Quenching Microscopy. Journal of the American Chemical Society, 2010, 132, 260-267.	6.6	511
31	GROWTH OF CARBON NANOTUBES ON THE GLASS SUBSTRATE FOR FLAT PANEL DISPLAY APPLICATIONS. International Journal of Modern Physics B, 2002, 16, 979-982.	1.0	3