

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	Graphene Oxide Sheets at Interfaces. <i>Journal of the American Chemical Society</i> , 2010, 132, 8180-8186.	6.6	1,573
2	Two Dimensional Soft Material: New Faces of Graphene Oxide. <i>Accounts of Chemical Research</i> , 2012, 45, 1356-1364.	7.6	577
3	Chemically Exfoliated MoS ₂ as Near-Infrared Photothermal Agents. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4160-4164.	7.2	575
4	Visualizing Graphene Based Sheets by Fluorescence Quenching Microscopy. <i>Journal of the American Chemical Society</i> , 2010, 132, 260-267.	6.6	511
5	Ligand Conjugation of Chemically Exfoliated MoS ₂ . <i>Journal of the American Chemical Society</i> , 2013, 135, 4584-4587.	6.6	509
6	Graphene oxide as surfactant sheets. <i>Pure and Applied Chemistry</i> , 2010, 83, 95-110.	0.9	373
7	Enhanced Electrocatalytic Properties of Transition-Metal Dichalcogenides Sheets by Spontaneous Gold Nanoparticle Decoration. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1227-1232.	2.1	315
8	Tunable assembly of graphene oxide surfactant sheets: wrinkles, overlaps and impacts on thin film properties. <i>Soft Matter</i> , 2010, 6, 6096.	1.2	206
9	Surfactant-Free Water-Processable Photoconductive All-Carbon Composite. <i>Journal of the American Chemical Society</i> , 2011, 133, 4940-4947.	6.6	200
10	Sticky Interconnect for Solution-Processed Tandem Solar Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 9262-9265.	6.6	173
11	Seeing graphene-based sheets. <i>Materials Today</i> , 2010, 13, 28-38.	8.3	171
12	Material Processing of Chemically Modified Graphene: Some Challenges and Solutions. <i>Accounts of Chemical Research</i> , 2013, 46, 2225-2234.	7.6	156
13	Controlling the Metal to Semiconductor Transition of MoS ₂ and WS ₂ in Solution. <i>Journal of the American Chemical Society</i> , 2015, 137, 1742-1745.	6.6	155
14	Patterned Growth of Vertically Aligned Organic Nanowire Waveguide Arrays. <i>ACS Nano</i> , 2010, 4, 1630-1636.	7.3	138
15	Pencil Drawn Strain Gauges and Chemiresistors on Paper. <i>Scientific Reports</i> , 2014, 4, 3812.	1.6	131
16	Printable Ultrathin Metal Oxide Semiconductor-Based Conformal Biosensors. <i>ACS Nano</i> , 2015, 9, 12174-12181.	7.3	126
17	Drop-Casted Self-Assembling Graphene Oxide Membranes for Scanning Electron Microscopy on Wet and Dense Gaseous Samples. <i>ACS Nano</i> , 2011, 5, 10047-10054.	7.3	115
18	Interface Control in Organic Electronics Using Mixed Monolayers of Carboranethiol Isomers. <i>Nano Letters</i> , 2014, 14, 2946-2951.	4.5	90

#	ARTICLE	IF	CITATIONS
19	Water Processable Graphene Oxide:Single Walled Carbon Nanotube Composite as Anode Modifier for Polymer Solar Cells. <i>Advanced Energy Materials</i> , 2011, 1, 1052-1057.	10.2	87
20	Towards solution processed all-carbon solar cells: a perspective. <i>Energy and Environmental Science</i> , 2012, 5, 7810.	15.6	87
21	Graphene Oxide:Single-Walled Carbon Nanotube-Based Interfacial Layer for All-Solution-Processed Multijunction Solar Cells in Both Regular and Inverted Geometries. <i>Advanced Energy Materials</i> , 2012, 2, 299-303.	10.2	50
22	Additive-free carbon nanotube dispersions, pastes, gels, and doughs in cresols. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5703-5708.	3.3	46
23	Fluorescence Quenching: Seeing Two-Dimensional Sheets on Arbitrary Substrates by Fluorescence Quenching Microscopy (<i>Small</i> 19/2013). <i>Small</i> , 2013, 9, 3252-3252.	5.2	14
24	Seeing Two-Dimensional Sheets on Arbitrary Substrates by Fluorescence Quenching Microscopy. <i>Small</i> , 2013, 9, 3253-3258.	5.2	11
25	GROWTH OF CARBON NANOTUBES ON THE GLASS SUBSTRATE FOR FLAT PANEL DISPLAY APPLICATIONS. <i>International Journal of Modern Physics B</i> , 2002, 16, 979-982.	1.0	3
26	Graphene Oxide as a Two-dimensional Surfactant. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1344, 1.	0.1	2
27	Water Processable Graphene Oxide:Single Walled Carbon Nanotube Composite as Anode Modifier for Polymer Solar Cells (<i>Adv. Energy Mater.</i> 6/2011). <i>Advanced Energy Materials</i> , 2011, 1, 1051-1051.	10.2	1
28	PATTERNING AND ASSEMBLING NANOMATERIALS BY DIP COATING. , 2012, , 189-233.		1
29	Langmuir-Blodgett Assembly of Soft Carbon Sheets. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1344, 1.	0.1	0
30	All-Carbon Composite for Photovoltaics. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1344, 1.	0.1	0
31	Graphene Oxide:Single-Walled Carbon Nanotube-Based Interfacial Layer for All-Solution-Processed Multijunction Solar Cells in Both Regular and Inverted Geometries (<i>Adv. Energy Mater.</i> 3/2012). <i>Advanced Energy Materials</i> , 2012, 2, 298-298.	10.2	0