

Jungmo Kim

List of Publications by Year in descending order

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19
papers

1,151
citations

516710

16
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

2070
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur-Doped g-C ₃ N ₄ /BiVO ₄ Composite Photocatalyst for Water Oxidation under Visible Light. <i>Chemistry of Materials</i> , 2016, 28, 1318-1324.	6.7	214
2	Two-Dimensional WO ₃ Nanosheets Chemically Converted from Layered WS ₂ for High-Performance Electrochromic Devices. <i>Nano Letters</i> , 2018, 18, 5646-5651.	9.1	169
3	Highly Aligned, Anisotropic Carbon Nanofiber Films for Multidirectional Strain Sensors with Exceptional Selectivity. <i>Advanced Functional Materials</i> , 2019, 29, 1901623.	14.9	137
4	Three-Dimensional Continuous Conductive Nanostructure for Highly Sensitive and Stretchable Strain Sensor. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17369-17378.	8.0	114
5	Efficient Solid-State Photoluminescence of Graphene Quantum Dots Embedded in Boron Oxynitride for AC-EL Device. <i>Advanced Materials</i> , 2018, 30, e1802951.	21.0	66
6	Strength dependence of epoxy composites on the average filler size of non-oxidized graphene flake. <i>Carbon</i> , 2017, 113, 379-386.	10.3	63
7	Fast P3HT Exciton Dissociation and Absorption Enhancement of Organic Solar Cells by PEG-Functionalized Graphene Quantum Dots. <i>Small</i> , 2016, 12, 994-999.	10.0	55
8	Highly Conductive and Fracture-Resistant Epoxy Composite Based on Non-oxidized Graphene Flake Aerogel. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37507-37516.	8.0	54
9	Low-Cost Black Phosphorus Nanofillers for Improved Thermoelectric Performance in PEDOT:PSS Composite Films. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17957-17962.	8.0	42
10	Moisture Barrier Composites Made of Non-Oxidized Graphene Flakes. <i>Small</i> , 2015, 11, 3124-3129.	10.0	41
11	Flexible thermoelectric films with high power factor made of non-oxidized graphene flakes. <i>2D Materials</i> , 2019, 6, 045019.	4.4	39
12	Extraordinary Enhancement of UV Absorption in TiO ₂ Nanoparticles Enabled by Low-Oxidized Graphene Nanodots. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12114-12121.	3.1	30
13	Complementary n-Type and p-Type Graphene Films for High Power Factor Thermoelectric Generators. <i>Advanced Functional Materials</i> , 2020, 30, 2001760.	14.9	28
14	Toward highly efficient luminescence in graphene quantum dots for optoelectronic applications. <i>Chemical Physics Reviews</i> , 2021, 2, .	5.7	27
15	Extremely large, non-oxidized graphene flakes based on spontaneous solvent insertion into graphite intercalation compounds. <i>Carbon</i> , 2018, 139, 309-316.	10.3	23
16	Blue Graphene Quantum Dots with High Color Purity by Controlling Subdomain Formation for Light-Emitting Devices. <i>ACS Applied Nano Materials</i> , 2020, 3, 6469-6477.	5.0	17
17	Boosting Photovoltaic Performance in Organic Solar Cells by Manipulating the Size of MoS ₂ Quantum Dots as a Hole-Transport Material. <i>Nanomaterials</i> , 2021, 11, 1464.	4.1	15
18	Enhanced Oxygen Evolution Reaction by Efficient Bubble Dynamics of Aligned Nonoxidized Graphene Aerogels. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10326-10334.	6.7	12

#	ARTICLE	IF	CITATIONS
19	Enhanced durability of styrene butadiene rubber nanocomposite using multifunctionalized titanium dioxide. <i>Polymer Composites</i> , 2017, 38, E174.	4.6	5