

Sung Hyun Kim

List of Publications by Year in descending order

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15
papers

313
citations

1040056

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16
docs citations

16
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	A Rational Strategy for Graphene Transfer on Substrates with Rough Features. <i>Advanced Materials</i> , 2016, 28, 2382-2392.	21.0	78
2	Sulfuric acid vapor treatment for enhancing the thermoelectric properties of PEDOT:PSS thin-films. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 6122-6127.	2.2	58
3	Effects of Gold-Nanoparticle Surface and Vertical Coverage by Conducting Polymer between Indium Tin Oxide and the Hole Transport Layer on Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15031-15041.	8.0	27
4	Correlations of Optical Absorption, Charge Trapping, and Surface Roughness of TiO ₂ Photoanode Layer Loaded with Neat Ag-NPs for Efficient Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21522-21530.	8.0	27
5	Exosomal release through TRPML1-mediated lysosomal exocytosis is required for adipogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2019, 510, 409-415.	2.1	25
6	Heavily Doped, Charge-Balanced Fluorescent Organic Light-Emitting Diodes from Direct Charge Trapping of Dopants in Emission Layer. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16750-16759.	8.0	21
7	Structural and Morphological Evolution for Water-resistant Organic Thermoelectrics. <i>Scientific Reports</i> , 2017, 7, 13287.	3.3	18
8	Modularly aromatic-knit graphitizable phenolic network as a tailored platform for electrochemical applications. <i>Energy and Environmental Science</i> , 2021, 14, 3203-3215.	30.8	17
9	Supramolecular Functionalization for Improving Thermoelectric Properties of Single-Walled Carbon Nanotubes/Small Organic Molecule Hybrids. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51387-51396.	8.0	13
10	Twisted small organic molecules for high thermoelectric performance of single-walled carbon nanotubes/small organic molecule hybrids through mild charge transfer interactions. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8483-8488.	5.5	11
11	Blue Phosphorescent Iridium Complexes with Fluorine-free Main Ligands for Efficient Organic Light-emitting Diodes. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 830-837.	1.9	4
12	Control of the Charge Carrier Concentration and Hall Mobility in PEDOT:PSS Thermoelectric Films. <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 1460-1464.	1.9	4
13	Discovery and development of berberine derivatives as stimulants of osteoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 110-116.	2.1	4
14	All-solution-processed, flexible thin-film transistor based on PANI/PETA as gate/gate insulator. <i>RSC Advances</i> , 2015, 5, 105785-105788.	3.6	3
15	Enhanced Humid Reliability of Organic Thermoelectrics via Crosslinking with Glycerol. <i>Nanomaterials</i> , 2019, 9, 1591.	4.1	3