Sung Hyun Kim

List of Publications by Year
in descending order

15 papers	313 citations	1040056 9 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	885 citing authors

#	Article	IF	Citations
1	Modularly aromatic-knit graphitizable phenolic network as a tailored platform for electrochemical applications. Energy and Environmental Science, 2021, 14, 3203-3215.	30.8	17
2	Twisted small organic molecules for high thermoelectric performance of single-walled carbon nanotubes/small organic molecule hybrids through mild charge transfer interactions. Journal of Materials Chemistry C, 2021, 9, 8483-8488.	5.5	11
3	Supramolecular Functionalization for Improving Thermoelectric Properties of Single-Walled Carbon Nanotubesâ€“Small Organic Molecule Hybrids. ACS Applied Materials & Interfaces, 2020, 12, 51387-51396.	8.0	13
4	Discovery and development of berberine derivatives as stimulants of osteoblast differentiation. Biochemical and Biophysical Research Communications, 2020, 527, 110-116.	2.1	4
5	Enhanced Humid Reliability of Organic Thermoelectrics via Crosslinking with Glycerol. Nanomaterials, 2019, 9, 1591.	4.1	3
6	Exosomal release through TRPML1-mediated lysosomal exocytosis is required for adipogenesis. Biochemical and Biophysical Research Communications, 2019, 510, 409-415.	2.1	25
7	Blue Phosphorescent Iridium Complexes with Fluorineâ€free Main Ligands for Efficient Organic Lightâ€emitting Diodes. Bulletin of the Korean Chemical Society, 2017, 38, 830-837.	1.9	4
8	Control of the Charge Carrier Concentration and Hall Mobility in PEDOT:PSS Thermoelectric Films. Bulletin of the Korean Chemical Society, 2017, 38, 1460-1464.	1.9	4
9	Structural and Morphological Evolution for Water-resistant Organic Thermoelectrics. Scientific Reports, 2017, 7, 13287.	3.3	18
10	Correlations of Optical Absorption, Charge Trapping, and Surface Roughness of TiO₂Photoanode Layer Loaded with Neat Ag-NPs for Efficient Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 21522-21530.	8.0	27
11	A Rational Strategy for Graphene Transfer on Substrates with Rough Features. Advanced Materials, 2016, 28, 2382-2392.	21.0	78
12	Sulfuric acid vapor treatment for enhancing the thermoelectric properties of PEDOT:PSS thin-films. Journal of Materials Science: Materials in Electronics, 2016, 27, 6122-6127.	2.2	58
13	All-solution-processed, flexible thin-film transistor based on PANI/PETA as gate/gate insulator. RSC Advances, 2015, 5, 105785-105788.	3.6	3
14	Heavily Doped, Charge-Balanced Fluorescent Organic Light-Emitting Diodes from Direct Charge Trapping of Dopants in Emission Layer. ACS Applied Materials & Interfaces, 2015, 7, 16750-16759.	8.0	21
15	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. ACS Applied Materials & Interfaces, 2015, 7, 15031-15041.	8.0	27