

Kap Seung Yang

List of Publications by Year in descending order

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24
papers

628
citations

687363

13
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677142

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docs citations

24
times ranked

1296
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Synthesis of Carbon-Coated Silicon/Graphite Spherical Composites for High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12109-12117.	8.0	130
2	Synthesis, antimycobacterial screening and ligand-based molecular docking studies on novel pyrrole derivatives bearing pyrazoline, isoxazole and phenyl thiourea moieties. <i>European Journal of Medicinal Chemistry</i> , 2016, 107, 133-152.	5.5	79
3	Tailoring the pore structure of carbon nanofibers for achieving ultrahigh-energy-density supercapacitors using ionic liquids as electrolytes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4763-4770.	10.3	56
4	Highly Bendable and Rotational Textile Structure with Prestrained Conductive Sewing Pattern for Human Joint Monitoring. <i>Advanced Functional Materials</i> , 2019, 29, 1808369.	14.9	47
5	Structure and electrochemical properties of electrospun carbon fiber composites containing graphene. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3474-3479.	5.8	46
6	Improving the microstructure and electrochemical performance of carbon nanofibers containing graphene-wrapped silicon nanoparticles as a Li-ion battery anode. <i>Journal of Power Sources</i> , 2015, 273, 404-412.	7.8	42
7	Synthesis, characterization and antitubercular activities of novel pyrrolyl hydrazones and their Cu-complexes. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 21-39.	5.5	40
8	Electrochemical behavior of activated carbon nanofiber-vanadium pentoxide composites for double-layer capacitors. <i>Electrochimica Acta</i> , 2013, 109, 859-865.	5.2	39
9	Pore engineering of nanoporous carbon nanofibers toward enhanced supercapacitor performance. <i>Applied Surface Science</i> , 2019, 497, 143693.	6.1	33
10	Preparation of carbon-containing, compressible, microporous, polymeric monoliths that regulate macroscopic conductivity. <i>Polymer Chemistry</i> , 2019, 10, 852-859.	3.9	16
11	Densifying and strengthening of electrospun polyacrylonitrile-based nanofibers by uniaxial two-step stretching. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	15
12	Rationally engineered surface properties of carbon nanofibers for the enhanced supercapacitive performance of binary metal oxide nanosheets. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19867-19872.	10.3	13
13	N-Enriched carbon nanofibers for high energy density supercapacitors and Li-ion batteries. <i>RSC Advances</i> , 2019, 9, 36075-36081.	3.6	13
14	Isotropic carbon and graphite fibers from chemically modified coal-tar pitch. <i>Korean Journal of Chemical Engineering</i> , 1999, 16, 518-524.	2.7	11
15	Preparations of carbon fibers from precursor pitches synthesized with coal tar or petroleum residue oil. <i>Fibers and Polymers</i> , 2000, 1, 97-102.	2.1	11
16	Elastic property of polyolefin elastomer film cross linked by electron beam irradiation. <i>Fibers and Polymers</i> , 2012, 13, 1165-1169.	2.1	8
17	Morphology and electrical conductivity of PS/PMMA/SMMA blends filled with carbon black. <i>Fibers and Polymers</i> , 2000, 1, 32-36.	2.1	7
18	Design and development of pyrrole carbaldehyde: an effective pharmacophore for enoyl-ACP reductase. <i>Medicinal Chemistry Research</i> , 2016, 25, 672-689.	2.4	7

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19	Electro-conductively deposited carbon fibers for power controllable heating elements. RSC Advances, 2015, 5, 26998-27002.	3.6	5
20	Effect of low processing rate on homogeneous microstructural evolution of polyacrylonitrile-based carbon fibers. Carbon Letters, 2019, 29, 479-485.	5.9	5
21	Electrode of Electric Double Layer Capacitor Prepared from Densified Activated Carbon Fiber. Electrochemistry, 2001, 69, 837-842.	1.4	4
22	Synthesis of freestanding binder- and additive-free carbon nanofiber with graphene wrapped Nb2O5 composite anode for lithium-ion batteries. Nanotechnology, 2021, 33, .	2.6	1
23	ITO2. TiO2 nanoparticles loaded on graphene/carbon composite nanofibers by electrospinning for increased photocatalysis. , 2015, , .		0
24	Pressure-sensitive polymer nanocomposites: Carbon nanofiber-reinforced MWCNT-coated PMMA microbeads. Polymer-Plastics Technology and Materials, 2019, 58, 1793-1801.	1.3	0