

Hye Kyoung Shin

List of Publications by Year in descending order

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papers

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Papers from Tall Goldenrod Cellulose Fibers and Carbon Nanotubes for Application as Electromagnetic Interference Shielding Materials. <i>Molecules</i> , 2022, 27, 1842.	1.7	3
2	Preparation and Characterization of Carbon Fibers from Lyocell Precursors Grafted with Polyacrylamide via Electron-Beam Irradiation. <i>Molecules</i> , 2021, 26, 2459.	1.7	4
3	Fabrication and Characterization of Waste Wood Cellulose Fiber/Graphene Nanoplatelet Carbon Papers for Application as Electromagnetic Interference Shielding Materials. <i>Nanomaterials</i> , 2021, 11, 2878.	1.9	5
4	Characterization of Activated Carbon Paper Electrodes Prepared by Rice Husk-Isolated Cellulose Fibers for Supercapacitor Applications. <i>Molecules</i> , 2020, 25, 3951.	1.7	18
5	Role of Phase Change Materials Containing Carbonized Rice husks on the Roof-Surface and Indoor Temperatures for Cool Roof System Application. <i>Molecules</i> , 2020, 25, 3280.	1.7	7
6	Electron Beam Irradiation Isolates Cellulose Nanofiber from Korea "Tall Goldenrod" Invasive Alien Plant Pulp. <i>Nanomaterials</i> , 2019, 9, 1358.	1.9	15
7	Latent Heat Storage and Thermal Efficacy of Carboxymethyl Cellulose Carbon Foams Containing Ag, Al, Carbon Nanotubes, and Graphene in a Phase Change Material. <i>Nanomaterials</i> , 2019, 9, 158.	1.9	14
8	Synthesis and characterization of eco-friendly carboxymethyl cellulose based carbon foam using electron beam irradiation. <i>Composites Part B: Engineering</i> , 2018, 151, 154-160.	5.9	11
9	Synthesis of Carbon Foam from Waste Artificial Marble Powder and Carboxymethyl Cellulose via Electron Beam Irradiation and Its Characterization. <i>Materials</i> , 2018, 11, 469.	1.3	10
10	Characterization of Toluene- and Quinoline-Insoluble Extracted from Pyrolysis Fuel Oil-Derived Pitch for Manufacture of C/C Composites. <i>International Journal of Precision Engineering and Manufacturing</i> , 2018, 19, 1033-1037.	1.1	4
11	Characterization of pitch prepared from pyrolysis fuel oil via electron beam irradiation. <i>Radiation Physics and Chemistry</i> , 2017, 135, 127-132.	1.4	6
12	Effects of exfoliated graphite on the thermal properties of erythritol-based composites used as phase-change materials. <i>Composites Part B: Engineering</i> , 2016, 96, 350-353.	5.9	56
13	Effects of heat treatment time on aromatic yield of pyrolysis fuel oil-derived pitches. <i>Carbon Letters</i> , 2016, 19, 104-106.	3.3	6
14	Effect of discarded keratin-based biocomposite hydrogels on the wound healing process in vivo. <i>Materials Science and Engineering C</i> , 2015, 55, 88-94.	3.8	71
15	Influence of orientation on ordered microstructure of PAN-based fibers during electron beam irradiation stabilization. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 32, 120-122.	2.9	18
16	Novel preparation and characterization of human hair-based nanofibers using electrospinning process. <i>International Journal of Biological Macromolecules</i> , 2015, 76, 45-48.	3.6	19
17	Easy preparation and characterization of graphene using liquid nitrogen and electron beam irradiation. <i>Materials Letters</i> , 2015, 149, 15-17.	1.3	10
18	Role of electron beam irradiation on superabsorbent behaviors of carboxymethyl cellulose. <i>Research on Chemical Intermediates</i> , 2015, 41, 6815-6823.	1.3	3

#	ARTICLE	IF	CITATIONS
19	Thermal property and latent heat energy storage behavior of sodium acetate trihydrate composites containing expanded graphite and carboxymethyl cellulose for phase change materials. Applied Thermal Engineering, 2015, 75, 978-983.	3.0	108
20	An overview of new oxidation methods for polyacrylonitrile-based carbon fibers. Carbon Letters, 2015, 16, 11-18.	3.3	33
21	Preparation and characterization of chitosan-based nanofibers by ecofriendly electrospinning. Materials Letters, 2014, 132, 23-26.	1.3	32
22	Preparation and characterization of polyacrylonitrile-based carbon fibers produced by electron beam irradiation pretreatment. Journal of Industrial and Engineering Chemistry, 2014, 20, 3789-3792.	2.9	53
23	Preparation and characterization of chlorinated cross-linked chitosan/cotton knit for biomedical applications. Macromolecular Research, 2013, 21, 1241-1246.	1.0	23
24	Isolation of cellulose fibers from kenaf using electron beam. Radiation Physics and Chemistry, 2012, 81, 936-940.	1.4	36
25	The characterization of polyacrylonitrile fibers stabilized by electron beam irradiation. Fibers and Polymers, 2012, 13, 724-728.	1.1	36