

Hye Kyoung Shin

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

601
citations

623574

14
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

812
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal property and latent heat energy storage behavior of sodium acetate trihydrate composites containing expanded graphite and carboxymethyl cellulose for phase change materials. <i>Applied Thermal Engineering</i> , 2015, 75, 978-983.	3.0	108
2	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
3	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
4	Preparation and characterization of polyacrylonitrile-based carbon fibers produced by electron beam irradiation pretreatment. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3789-3792.	2.9	53
5	Isolation of cellulose fibers from kenaf using electron beam. <i>Radiation Physics and Chemistry</i> , 2012, 81, 936-940.	1.4	36
6	The characterization of polyacrylonitrile fibers stabilized by electron beam irradiation. <i>Fibers and Polymers</i> , 2012, 13, 724-728.	1.1	36
7	An overview of new oxidation methods for polyacrylonitrile-based carbon fibers. <i>Carbon Letters</i> , 2015, 16, 11-18.	3.3	33
8	Preparation and characterization of chitosan-based nanofibers by ecofriendly electrospinning. <i>Materials Letters</i> , 2014, 132, 23-26.	1.3	32
9	Preparation and characterization of chlorinated cross-linked chitosan/cotton knit for biomedical applications. <i>Macromolecular Research</i> , 2013, 21, 1241-1246.	1.0	23
10	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
11	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
12	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
13	Electron Beam Irradiation Isolates Cellulose Nanofiber from Korea "Tall Goldenrod" Invasive Alien Plant Pulp. <i>Nanomaterials</i> , 2019, 9, 1358.	1.9	15
14	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
15	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
16	Easy preparation and characterization of graphene using liquid nitrogen and electron beam irradiation. <i>Materials Letters</i> , 2015, 149, 15-17.	1.3	10
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	Role of electron beam irradiation on superabsorbent behaviors of carboxymethyl cellulose. <i>Research on Chemical Intermediates</i> , 2015, 41, 6815-6823.	1.3	3
25	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