

Komeil Nasouri

List of Publications by Year in descending order

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37
papers

982
citations

361045
20
h-index

433756
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docs citations

37
times ranked

1163
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and optimization of electrospun PAN nanofiber diameter using response surface methodology and artificial neural networks. <i>Journal of Applied Polymer Science</i> , 2012, 126, 127-135.	1.3	104
2	Nanofibers (PU and PAN) and nanoparticles (Nanoclay and MWNTs) simultaneous effects on polyurethane foam sound absorption. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	72
3	Designing, modeling and manufacturing of lightweight carbon nanotubes/polymer composite nanofibers for electromagnetic interference shielding application. <i>Composites Science and Technology</i> , 2017, 145, 46-54.	3.8	72
4	RSM and ANN approaches for modeling and optimizing of electrospun polyurethane nanofibers morphology. <i>Fibers and Polymers</i> , 2012, 13, 1007-1014.	1.1	67
5	Fabrication of polyvinyl alcohol/multi-walled carbon nanotubes composite electrospun nanofibres and their application as microwave absorbing material. <i>Micro and Nano Letters</i> , 2013, 8, 455-459.	0.6	38
6	Investigation of polyacrylonitrile electrospun nanofibres morphology as a function of polymer concentration, viscosity and Berry number. <i>Micro and Nano Letters</i> , 2012, 7, 423.	0.6	36
7	Microwave absorption properties of polyaniline/poly(vinyl alcohol)/multi-walled carbon nanotube composites in thin film and nanofiber layer structures. <i>Macromolecular Research</i> , 2015, 23, 741-748.	1.0	36
8	Fabrication of magnetite nanoparticles/polyvinylpyrrolidone composite nanofibers and their application as electromagnetic interference shielding material. <i>Journal of Thermoplastic Composite Materials</i> , 2018, 31, 431-446.	2.6	35
9	Thermodynamic Studies on Polyvinylpyrrolidone Solution Systems Used for Fabrication of Electrospun Nanostructures: Effects of the Solvent. <i>Advances in Polymer Technology</i> , 2015, 34, .	0.8	33
10	Evaluation of effective electrospinning parameters controlling polyvinylpyrrolidone nanofibers surface morphology via response surface methodology. <i>Fibers and Polymers</i> , 2015, 16, 1941-1954.	1.1	32
11	Single-wall carbon nanotubes dispersion behavior and its effects on the morphological and mechanical properties of the electrospun nanofibers. <i>Polymer Composites</i> , 2012, 33, 1951-1959.	2.3	31
12	Effects of polymer/solvent systems on electrospun polyvinylpyrrolidone nanofiber morphology and diameter. <i>Polymer Science - Series A</i> , 2015, 57, 747-755.	0.4	31
13	Manufacturing of PAN or PU Nanofiber Layers/PET Nonwoven Composite as Highly Effective Sound Absorbers. <i>Advances in Polymer Technology</i> , 2014, 33, .	0.8	30
14	Conductive polyacrylonitrile/polyaniline nanofibers prepared by electrospinning process. <i>Polymer Science - Series A</i> , 2015, 57, 343-349.	0.4	30
15	Theoretical and experimental studies on EMI shielding mechanisms of multi-walled carbon nanotubes reinforced high performance composite nanofibers. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	27
16	Manufacturing, modeling, and optimization of nickel-coated carbon fabric for highly efficient EMI shielding. <i>Surface and Coatings Technology</i> , 2021, 409, 126957.	2.2	24
17	Comparison between artificial neural network and response surface methodology in the prediction of the production rate of polyacrylonitrile electrospun nanofibers. <i>Fibers and Polymers</i> , 2013, 14, 1849-1856.	1.1	23
18	Synthesis and characterization of highly dispersed multi-walled carbon nanotubes/polyvinylpyrrolidone composite nanofibers for EMI shielding application. <i>Polymer Composites</i> , 2017, 38, 2026-2034.	2.3	23

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19	Fabrication of lightweight and flexible cellulose acetate composite nanofibers for high-performance ultra violet protective materials. <i>Polymer Composites</i> , 2019, 40, 3325-3332.	2.3	23
20	Synthesis of carbon nanotubes composite nanofibers for ultrahigh performance UV protection and microwave absorption applications. <i>Diamond and Related Materials</i> , 2020, 107, 107896.	1.8	23
21	Thermal conductivity of polyacrylonitrile nanofibre web in various nanofibre diameters and surface densities. <i>Micro and Nano Letters</i> , 2012, 7, 662.	0.6	21
22	Broadband and tunable high-performance microwave absorption properties by Ni-coated carbon fibers. <i>Materials Chemistry and Physics</i> , 2021, 274, 125127.	2.0	20
23	Morphological and Structural Developments in Nanoparticles Polyurethane Foam Nanocomposite's Synthesis and Their Effects on Mechanical Properties. <i>Advances in Polymer Technology</i> , 2013, 32, .	0.8	18
24	Fabrication of polyamide 6/carbon nanotubes composite electrospun nanofibers for microwave absorption application. <i>Polymer Science - Series A</i> , 2015, 57, 359-364.	0.4	18
25	Novel estimation of morphological behavior of electrospun nanofibers with artificial intelligence system (AIS). <i>Polymer Testing</i> , 2018, 69, 499-507.	2.3	17
26	Facile fabrication of carbon nanotubes/polystyrene composite nanofibers for high-performance electromagnetic interference shielding. <i>Fibers and Polymers</i> , 2016, 17, 1977-1984.	1.1	15
27	Incorporation of Nanofiber Layers in Nonwoven Materials for Improving Their Acoustic Properties. <i>Journal of Engineered Fibers and Fabrics</i> , 2013, 8, 155892501300800.	0.5	14
28	Fabrication of homogeneous multi-walled carbon nanotube/poly (vinyl alcohol) composite films using for microwave absorption application. <i>Fibers and Polymers</i> , 2014, 15, 583-588.	1.1	14
29	Effects of diameter and surface area of electrospun nanocomposite fibers on electromagnetic interference shielding. <i>Polymer Science - Series A</i> , 2017, 59, 718-725.	0.4	10
30	Facile synthesis of novel porous nickel/carbon fibers obtained from cigarette butts for high-frequency microwave absorption. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106969.	3.3	8
31	Lightweight and Highly Flexible Metal Deposited Composite Fabrics for High-performance Electromagnetic Interference Shielding at Gigahertz Frequency. <i>Fibers and Polymers</i> , 2022, 23, 800-806.	1.1	7
32	Fabrication of Poly(methyl methacrylate) Nanofibers and Polyethylene Nonwoven with Sandwich Structures for Thermal Insulator Application. <i>Advances in Polymer Technology</i> , 2014, 33, .	0.8	6
33	Fabrication of high surface area PAN-based activated carbon fibers using response surface methodology. <i>Fibers and Polymers</i> , 2015, 16, 2141-2147.	1.1	6
34	UV Protection and Photocatalytic Activity of Novel Polyamide 6/ZnO Hybrid Nanofibers via Electrospinning/Electrospraying Method. <i>Fibers and Polymers</i> , 2020, 21, 1704-1712.	1.1	6
35	Synthesis of special acrylic nanofibers as an appropriate precursor for conductive carbon nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 7005-7017.	1.1	5
36	Structural engineering of nickel-coated carbon fibers with high electrical conductivity for flexible EMI shielding. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 5648-5660.	1.1	5

#	ARTICLE	IF	CITATIONS
37	A new comprehensive evaluation of the corrosion mechanism of E-type glass fibers in sulfuric acid solutions. <i>Construction and Building Materials</i> , 2021, 268, 121213.	3.2	2