

Sheeja Rajiv

List of Publications by Year in descending order

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27
papers

509
citations

687363

13
h-index

677142

22
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27
all docs

27
docs citations

27
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	Curcumin loaded electrospun <i>Bombyx mori</i> silk nanofibers for drug delivery. <i>Polymer International</i> , 2014, 63, 100-105.	3.1	54
2	Preparation and characterization of ampicillin-incorporated electrospun polyurethane scaffolds for wound healing and infection control. <i>Polymer Engineering and Science</i> , 2015, 55, 541-548.	3.1	49
3	Preparation and characterization of electrospun curcumin loaded poly(2-hydroxyethyl methacrylate) nanofiber-A biomaterial for multidrug resistant organisms. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 16-24.	4.0	46
4	Fabrication of electrospun Poly L-lactide and Curcumin loaded Poly L-lactide nanofibers for drug delivery. <i>Fibers and Polymers</i> , 2012, 13, 823-830.	2.1	40
5	Environment friendly synthesis of polyvinylpyrrolidone nanofibers and their potential use as seed coats. <i>New Journal of Chemistry</i> , 2016, 40, 3268-3276.	2.8	37
6	Grafted PEO polymeric ionic liquid nanocomposite electrospun membrane for efficient and stable dye sensitized solar cell. <i>Electrochimica Acta</i> , 2020, 341, 136040.	5.2	32
7	Biodegradable electrospun nanocomposite fibers based on Poly(2-hydroxy ethyl methacrylate) and bamboo cellulose. <i>Composites Part B: Engineering</i> , 2014, 60, 43-48.	12.0	29
8	Potential Seed Coatings Fabricated from Electrospinning Hexaaminocyclotriphosphazene and Cobalt Nanoparticles Incorporated Polyvinylpyrrolidone for Sustainable Agriculture. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 146-152.	6.7	29
9	Tailoring electrospun polymer blend carriers for nutrient delivery in seed coating for sustainable agriculture. <i>Journal of Cleaner Production</i> , 2018, 177, 69-78.	9.3	27
10	Biocompatibility studies of electrospun nanofibrous membrane of PLLA/PVA blend. <i>Journal of Applied Polymer Science</i> , 2013, 128, 2840-2846.	2.6	20
11	Dye-sensitized solar cells based on an electrospun polymer nanocomposite membrane as electrolyte. <i>New Journal of Chemistry</i> , 2019, 43, 4444-4454.	2.8	20
12	Porous membrane of polyindole and polymeric ionic liquid incorporated PMMA for efficient quasi-solid state dye sensitized solar cell. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 394, 112464.	3.9	19
13	Optimization of process variables for a biosorption of nickel(II) using response surface method. <i>Korean Journal of Chemical Engineering</i> , 2009, 26, 364-370.	2.7	18
14	l-carvone loaded nanofibrous membrane as a fragrance delivery system: fabrication, characterization and <i>in vitro</i> study. <i>Flavour and Fragrance Journal</i> , 2014, 29, 334-339.	2.6	11
15	Comparison of preparation and characterization of water-bath collected porous poly L-lactide microfibers and cellulose/silk fibroin based poly L-lactide nanofibers for biomedical applications. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	11
16	In-vitro release of fragrant l-carvone from electrospun poly(ϵ -caprolactone)/wheat cellulose scaffold. <i>Carbohydrate Polymers</i> , 2015, 133, 328-336.	10.2	11
17	Synthesis and characterization of biocompatible tigecycline imbedded electrospun poly ϵ -caprolactone urethane urea fibers. <i>RSC Advances</i> , 2015, 5, 2249-2257.	3.6	11
18	Electrospun based polythioaniline/polyvinylalcohol/graphene oxide composite nanofibers for supercapacitor application. <i>Ionics</i> , 2021, 27, 2203-2218.	2.4	11

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19	Anticancer activity of starch/poly[N-(2-hydroxypropyl)methacrylamide]: Biomaterial film to treat skin cancer. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 116-123.	7.5	8
20	Preparation and characterization of camptothecin-loaded alginate/poly[N-(2-hydroxypropyl)methacrylamide] hydrogel beads for anticancer treatment. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 781-790.	3.4	6
21	Ethylenediamine Functionalized Metalloporphyrin Loaded Nanofibrous Membrane: A New Strategic Approach to Air filtration. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2142-2151.	3.7	5
22	Development and Characterization of Electrospun Poly(2-hydroxy ethyl methacrylate) for Tissue Engineering Applications. <i>Advances in Polymer Technology</i> , 2013, 32, .	1.7	4
23	Development of a Two-Tier Fibrous Membrane by Sequential Electrospinning for Effective Air Filtration. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1800099.	1.1	4
24	Comparison of Nanocomposite Film and Electrospun Nanocomposite Fibers Based on Poly (2-Hydroxy) Tj ETQq0 0 0 rgBT /Overlock 10 T Technology and Engineering, 2014, 53, 1690-1696.	1.9	2
25	Emulsion templated amino functionalised polymeric monolith filter for innovative air purification technology. <i>Journal of Porous Materials</i> , 2020, 27, 939-946.	2.6	2
26	Fabrication of poly(3-methylthiophene)/poly(ethylene oxide)/ruthenium oxide composite electrospun nanofibers for supercapacitor application. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 9558-9569.	2.2	2
27	Development and Assessment of Electrospun Poly(μ -caprolactone)-Poly(vinylalcohol) Blend Nanofibers for Pest Control in Stored Products. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 1949-1960.	1.9	1