

# Janarthanan Pushpamalar

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,257  
citations

394390

19  
h-index

361001

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in extrusion-dripping encapsulation of probiotics and omega-3 rich oils. Trends in Food Science and Technology, 2022, 123, 69-86.	15.1	18
2	Drug Delivery Towards Cancer. Nanotechnology in the Life Sciences, 2021, , 225-240.	0.6	0
3	Nanotechnology in Tissue Engineering and Implant Development. Nanotechnology in the Life Sciences, 2021, , 241-265.	0.6	0
4	Delivery of Drug Payloads to Organs and Organ-Systems. Nanotechnology in the Life Sciences, 2021, , 199-224.	0.6	1
5	Development of Polymer-Assisted Nanoparticles and Nanogels for Cancer Therapy: An Update. Gels, 2021, 7, 60.	4.5	31
6	Development of a Polysaccharide-Based Hydrogel Drug Delivery System (DDS): An Update. Gels, 2021, 7, 153.	4.5	45
7	Lycopene-loaded nanostructured lipid carrier from carboxymethyl oil palm empty fruit bunch cellulose for topical administration. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100049.	2.6	4
8	Fabrication of radiation cross-linked diclofenac sodium loaded carboxymethyl sago pulp/chitosan hydrogel for enteric and sustained drug delivery. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100084.	2.6	13
9	Hydrogel of Natural as a Potential Vehicle for Colon-Targeted. Methods in Molecular Biology, 2021, 2211, 171-182.	0.9	5
10	Electrospun cellulose acetate butyrate/polyethylene glycol (CAB/PEG) composite nanofibers: A potential scaffold for tissue engineering. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110713.	5.0	57
11	Recent advancements in the applications of carbon nanodots: exploring the rising star of nanotechnology. Nanoscale Advances, 2020, 2, 1760-1773.	4.6	37
12	Electrospun chitosan/polyethylene-oxide (PEO)/halloysites (HAL) membranes for bone regeneration applications. Applied Clay Science, 2020, 190, 105601.	5.2	59
13	Adsorption of methylene blue onto carboxymethyl sago pulp-immobilized sago waste hydrogel beads. International Journal of Environmental Science and Technology, 2019, 16, 2047-2058.	3.5	24
14	Carboxymethyl sago pulp/chitosan hydrogel as an immobilization medium for activated sludge for nitrophenol biodegradation. Journal of Applied Polymer Science, 2019, 136, 47531.	2.6	3
15	Synthesis and Characterization of a Novel pH-Sensitive Aluminum Crosslinked Carboxymethyl Tragacanth Beads for Extended and Enteric Drug Delivery. Journal of Polymers and the Environment, 2019, 27, 1516-1528.	5.0	13
16	Application of Metal Nanoparticle-Hydrogel Composites in Tissue Regeneration. Bioengineering, 2019, 6, 17.	3.5	96
17	Spray dried solid dispersions of piroxicam in carboxymethyl sago cellulose using aqueous solvents: A simple, novel and green approach to produce enteric microparticles with enhanced dissolution. Drying Technology, 2019, 37, 1191-1200.	3.1	5
18	Encapsulation of red palm oil in carboxymethyl sago cellulose beads by emulsification and vibration technology: Physicochemical characterization and in vitro digestion. Journal of Food Engineering, 2018, 231, 10-21.	5.2	17

#	ARTICLE	IF	CITATIONS
19	Nanotubes in nanofibers: Antibacterial multilayered polylactic acid/halloysite/gentamicin membranes for bone regeneration application. <i>Applied Clay Science</i> , 2018, 160, 95-105.	5.2	64
20	Eco-friendly smart hydrogels for soil conditioning and sustain release fertilizer. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 2059-2074.	3.5	30
21	Smart Hydrogel of Carboxymethyl Cellulose Grafted Carboxymethyl Polyvinyl Alcohol and Properties Studied for Future Material Applications. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2061-2071.	5.0	26
22	Influence of Ispaghula and Zein Coating on Ibuprofen-Loaded Alginate Beads Prepared by Vibration Technology: Physicochemical Characterization and Release Studies. <i>Scientia Pharmaceutica</i> , 2018, 86, 24.	2.0	3
23	Optimisation of preparation conditions for Ti nanowires and suitability as an antibacterial material. <i>IET Nanobiotechnology</i> , 2018, 12, 429-435.	3.8	5
24	Developing of a magnetite film of carboxymethyl cellulose grafted carboxymethyl polyvinyl alcohol (CMC- g -CMPVA) for copper removal. <i>Carbohydrate Polymers</i> , 2017, 173, 619-630.	10.2	35
25	Adsorption of methylene blue onto powdered activated carbon immobilized in a carboxymethyl sago pulp hydrogel. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	23
26	Optimizing Extraction of Cellulose and Synthesizing Pharmaceutical Grade Carboxymethyl Sago Cellulose from Malaysian Sago Pulp. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 170.	2.5	35
27	Biodegradable Polysaccharides for Controlled Drug Delivery. <i>ChemPlusChem</i> , 2016, 81, 504-514.	2.8	97
28	Dual crosslinked carboxymethyl sago pulp/pectin hydrogel beads as potential carrier for colon-targeted drug delivery. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	13
29	Carboxymethyl sago pulp/carboxymethyl sago starch hydrogel: Effect of polymer mixing ratio and study of controlled drug release. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	15
30	Electron beam radiation mediated green synthesis of silver nanoparticles using carboxymethyl sago pulp obtained from sago waste. <i>Polymer</i> , 2016, 86, 147-156.	3.8	9
31	Iron cross-linked carboxymethyl cellulose-gelatin complex coacervate beads for sustained drug delivery. <i>Chemical Papers</i> , 2016, 70, .	2.2	13
32	Chitosan/Cellulose/Halloysite Membranes Produced Using Solvent Casting Method. <i>Polymers and Polymer Composites</i> , 2015, 23, 325-332.	1.9	6
33	Dual Cross-Linked Carboxymethyl Sago Pulp-Gelatine Complex Coacervates for Sustained Drug Delivery. <i>Polymers</i> , 2015, 7, 1088-1105.	4.5	17
34	Radiation cross-linked carboxymethyl sago pulp hydrogels loaded with ciprofloxacin: Influence of irradiation on gel fraction, entrapped drug and in vitro release. <i>Radiation Physics and Chemistry</i> , 2015, 106, 213-222.	2.8	23
35	Absorption characterization of Ca <sup>2+</sup> , Na <sup>+</sup> , and K <sup>+</sup> on irradiation crosslinked carboxymethyl sago pulp hydrogel. <i>Journal of Applied Polymer Science</i> , 2013, 128, 1828-1833.	2.6	0
36	Preparation of carboxymethyl sago pulp hydrogel from sago waste by electron beam irradiation and swelling behavior in water and various pH media. <i>Journal of Applied Polymer Science</i> , 2013, 128, 451-459.	2.6	31

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37	Aluminium and radiation cross-linked carboxymethyl sago pulp beads for colon targeted delivery. Carbohydrate Polymers, 2013, 94, 356-363.	10.2	31
38	Optimization of reaction conditions for preparing carboxymethyl cellulose from sago waste. Carbohydrate Polymers, 2006, 64, 312-318.	10.2	316
39	Thermal behavior and surface morphology studies on polystyrene grafted sago starch. Journal of Applied Polymer Science, 2003, 90, 2053-2058.	2.6	36
40	Radiation Cross-Linked Carboxymethyl Sago Pulp Discs for Sustained Drug Delivery: Ciprofloxacin Uptake and Physicochemical Characterization. Journal of Applied Pharmaceutical Science, 0, , .	1.0	1