

Mani Prabaharan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/213639/mani-prabaharan-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

7,137

citations

34

h-index

64

g-index

64

ext. papers

7,714

ext. citations

6.9

avg, IF

6.47

L-index

#	Paper	IF	Citations
63	Preparation and characterization of chitosan/carboxymethyl pullulan/bioglass composite films for wound healing. <i>Journal of Biomaterials Applications</i> , 2021 , 8853282211050161	2.9	4
62	Graphene oxide-reinforced pectin/chitosan polyelectrolyte complex scaffolds. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 2246-2266	3.5	0
61	Preparation and characterization of chitosan/pectin/ZnO porous films for wound healing. <i>International Journal of Biological Macromolecules</i> , 2020 , 157, 135-145	7.9	47
60	Three-dimensional porous scaffolds based on agarose/chitosan/graphene oxide composite for tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2020 , 146, 222-231	7.9	43
59	Multi-functional FITC-silica@gold nanoparticles conjugated with guar gum succinate, folic acid and doxorubicin for CT/fluorescence dual imaging and combined chemo/PTT of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 186, 110701	6	19
58	Recent Advances on Chitosan-Based Materials in Regenerative Medicine 2020 , 1315-1333		
57	Theranostic Application of Fe ₃ O ₄ @Au Hybrid Nanoparticles 2019 , 607-623		4
56	Multi-functional core-shell FeO@Au nanoparticles for cancer diagnosis and therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 174, 252-259	6	41
55	Preparation and characterization of three-dimensional scaffolds based on hydroxypropyl chitosan-graft-graphene oxide. <i>International Journal of Biological Macromolecules</i> , 2018 , 110, 522-530	7.9	33
54	Multi-functional nanocarriers based on iron oxide nanoparticles conjugated with doxorubicin, poly(ethylene glycol) and folic acid as theranostics for cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 170, 529-537	6	19
53	Guar gum oleate-graft-poly(methacrylic acid) hydrogel as a colon-specific controlled drug delivery carrier. <i>Carbohydrate Polymers</i> , 2017 , 158, 51-57	10.3	91
52	Deacetylation modification techniques of chitin and chitosan 2017 , 117-133		21
51	Chitosan/carbon-based nanomaterials as scaffolds for tissue engineering 2017 , 381-397		9
50	Theranostics Based on Iron Oxide and Gold Nanoparticles for Imaging- Guided Photothermal and Photodynamic Therapy of Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 1858-1871	3	26
49	Prospects of Bioactive Chitosan-Based Scaffolds in Tissue Engineering and Regenerative Medicine. <i>Springer Series on Polymer and Composite Materials</i> , 2016 , 41-59	0.9	11
48	Guar gum succinate as a carrier for colon-specific drug delivery. <i>International Journal of Biological Macromolecules</i> , 2016 , 84, 10-5	7.9	43
47	Prospects of chitosan-based scaffolds for growth factor release in tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1382-1389	7.9	76

46	Peptides to Target Tumor Vasculature and Lymphatics for Improved Anti-Angiogenesis Therapy. <i>Current Cancer Drug Targets</i> , 2016 , 16, 522-35	2.8	5
45	Characterization of tissue scaffolds drug release profiles 2016 , 149-168		0
44	Guar gum succinate-sodium alginate beads as a pH-sensitive carrier for colon-specific drug delivery. <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 45-50	7.9	68
43	Bioactivity of Chitosan Derivatives 2015 , 1609-1625		0
42	Chitosan-based nanoparticles for tumor-targeted drug delivery. <i>International Journal of Biological Macromolecules</i> , 2015 , 72, 1313-22	7.9	183
41	Prospects of Guar Gum and its Derivatives as Biomaterials 2015 , 413-431		0
40	Bioactivity of Chitosan Derivative 2014 , 1-14		2
39	Prospects of Biosensors Based on Chitosan Matrices. <i>Journal of Chitin and Chitosan Science</i> , 2013 , 1, 2-12		3
38	Biomedical Applications of Polymer/Silver Composite Nanofibers. <i>Advances in Polymer Science</i> , 2011 , 263-282	1.3	16
37	Polymeric Bionanocomposites as Promising Materials for Controlled Drug Delivery. <i>Advances in Polymer Science</i> , 2011 , 1-18	1.3	5
36	Prospective of guar gum and its derivatives as controlled drug delivery systems. <i>International Journal of Biological Macromolecules</i> , 2011 , 49, 117-24	7.9	146
35	Electrospun Nanofibrous Scaffolds-Current Status and Prospects in Drug Delivery. <i>Advances in Polymer Science</i> , 2011 , 241-262	1.3	30
34	Novel Chitin and Chitosan Materials in Wound Dressing 2011 ,		8
33	Biomaterials based on chitin and chitosan in wound dressing applications. <i>Biotechnology Advances</i> , 2011 , 29, 322-37	17.8	1311
32	An amphiphilic nanocarrier based on guar gum-graft-poly(epsilon-caprolactone) for potential drug-delivery applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010 , 21, 937-49	3.5	42
31	Synthesis and characterization of nanoscale-hydroxyapatite-copper for antimicrobial activity towards bone tissue engineering applications. <i>Journal of Biomedical Nanotechnology</i> , 2010 , 6, 333-9	4	58
30	Chemical Modifications of Chitosan Intended for Biomedical Applications 2010 , 173-184		3
29	Vacuum-Deposited Thin Film of AnilineFormaldehyde Condensate/WO ₃ InH ₂ O Nanocomposite for NO ₂ Gas Sensor. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010 , 20, 380-386	3.2	14

28	Novel chitin and chitosan nanofibers in biomedical applications. <i>Biotechnology Advances</i> , 2010 , 28, 142-507.8	7.8	769
27	Novel carboxymethyl derivatives of chitin and chitosan materials and their biomedical applications. <i>Progress in Materials Science</i> , 2010 , 55, 675-709	42.2	382
26	Novel chitosan/gold-MPA nanocomposite for sequence-specific oligonucleotide detection. <i>Carbohydrate Polymers</i> , 2010 , 82, 189-194	10.3	29
25	Nanofibrous polyaniline thin film prepared by plasma-induced polymerization technique for detection of NO ₂ gas. <i>Polymers for Advanced Technologies</i> , 2010 , 21, 615-620	3.2	54
24	Amphiphilic multi-arm block copolymer based on hyperbranched polyester, poly(L-lactide) and poly(ethylene glycol) as a drug delivery carrier. <i>Macromolecular Bioscience</i> , 2009 , 9, 515-24	5.5	83
23	Thermosensitive micelles based on folate-conjugated poly(N-vinylcaprolactam)-block-poly(ethylene glycol) for tumor-targeted drug delivery. <i>Macromolecular Bioscience</i> , 2009 , 9, 744-53	5.5	77
22	Folate-conjugated amphiphilic hyperbranched block copolymers based on Boltorn H40, poly(L-lactide) and poly(ethylene glycol) for tumor-targeted drug delivery. <i>Biomaterials</i> , 2009 , 30, 3009-19	15.6	294
21	Gold nanoparticles with a monolayer of doxorubicin-conjugated amphiphilic block copolymer for tumor-targeted drug delivery. <i>Biomaterials</i> , 2009 , 30, 6065-75	15.6	273
20	Amphiphilic multi-arm-block copolymer conjugated with doxorubicin via pH-sensitive hydrazone bond for tumor-targeted drug delivery. <i>Biomaterials</i> , 2009 , 30, 5757-66	15.6	329
19	Chitosan-graft-beta-cyclodextrin scaffolds with controlled drug release capability for tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , 2009 , 44, 320-5	7.9	99
18	Biodegradable and biocompatible multi-arm star amphiphilic block copolymer as a carrier for hydrophobic drug delivery. <i>International Journal of Biological Macromolecules</i> , 2009 , 44, 346-52	7.9	86
17	Review paper: chitosan derivatives as promising materials for controlled drug delivery. <i>Journal of Biomaterials Applications</i> , 2008 , 23, 5-36	2.9	292
16	Stimuli-responsive chitosan-graft-poly(N-vinylcaprolactam) as a promising material for controlled hydrophobic drug delivery. <i>Macromolecular Bioscience</i> , 2008 , 8, 843-51	5.5	122
15	Novel thiolated carboxymethyl chitosan-g-β-cyclodextrin as mucoadhesive hydrophobic drug delivery carriers. <i>Carbohydrate Polymers</i> , 2008 , 73, 117-125	10.3	114
14	Preparation and characterization of poly(L-lactic acid)-chitosan hybrid scaffolds with drug release capability. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007 , 81, 427-34	3.5	97
13	Carboxymethyl chitosan-graft-phosphatidylethanolamine: Amphiphilic matrices for controlled drug delivery. <i>Reactive and Functional Polymers</i> , 2007 , 67, 43-52	4.6	94
12	Synthesis and Characterization of Chitosan-graft-Poly(3-(trimethoxysilyl)propyl methacrylate) Initiated by Cerium (IV) Ion. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007 , 44, 489-494	2.2	8
11	Stimuli-responsive hydrogels based on polysaccharides incorporated with thermo-responsive polymers as novel biomaterials. <i>Macromolecular Bioscience</i> , 2006 , 6, 991-1008	5.5	287

10	Liquid Crystalline Behaviour of Chitosan in Formic, Acetic, Monochloroacetic Acid Solutions. <i>Materials Science Forum</i> , 2006 , 514-516, 1010-1014	0.4	15
9	Chitosan derivatives bearing cyclodextrin cavities as novel adsorbent matrices. <i>Carbohydrate Polymers</i> , 2006 , 63, 153-166	10.3	150
8	Metal-containing polyurethanes, poly(urethane-urea)s and poly(urethane-ether)s: A review. <i>Reactive and Functional Polymers</i> , 2006 , 66, 299-314	4.6	38
7	Developments in Metal-Containing Polyurethanes, Co-polyurethanes and Polyurethane Ionomers. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 2005 , 45, 231-261		12
6	Chitosan-based particles as controlled drug delivery systems. <i>Drug Delivery</i> , 2005 , 12, 41-57	7	354
5	Treatment of wool fibres with subtilisin and subtilisin-PEG. <i>Enzyme and Microbial Technology</i> , 2005 , 36, 917-922	3.8	75
4	Graft copolymerized chitosan present status and applications. <i>Carbohydrate Polymers</i> , 2005 , 62, 142-158	10.3	491
3	Hydroxypropyl chitosan bearing beta-cyclodextrin cavities: synthesis and slow release of its inclusion complex with a model hydrophobic drug. <i>Macromolecular Bioscience</i> , 2005 , 5, 965-73	5.5	90
2	Study on ozone bleaching of cotton fabric process optimisation, dyeing and finishing properties. <i>Coloration Technology</i> , 2001 , 117, 98-103	2	31
1	Process Optimization in Peracetic Acid Bleaching of Cotton. <i>Textile Research Journal</i> , 2000 , 70, 657-661	1.7	10