

Goutam Thakur

List of Publications by Citations

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

37
papers

444
citations

10
h-index

20
g-index

41
ext. papers

541
ext. citations

2.5
avg, IF

3.94
L-index

#	Paper	IF	Citations
37	Effect of flaxseed gum on reduction of blood glucose and cholesterol in type 2 diabetic patients. <i>International Journal of Food Sciences and Nutrition</i> , 2009 , 60 Suppl 6, 126-36	3.7	91
36	Developments in the anticancer activity of structurally modified curcumin: An up-to-date review. <i>European Journal of Medicinal Chemistry</i> , 2019 , 177, 76-104	6.8	63
35	Crosslinking of gelatin-based drug carriers by genipin induces changes in drug kinetic profiles in vitro. <i>Journal of Materials Science: Materials in Medicine</i> , 2011 , 22, 115-23	4.5	46
34	Hydrogel-Based Controlled Release Formulations: Designing Considerations, Characterization Techniques and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2013 , 52, 1391-1422		41
33	Chitosan Based Delivery Systems on a Length Scale: Nano to Macro. <i>Soft Materials</i> , 2013 , 11, 125-142	1.7	34
32	Gelatin-based emulsion gels for diffusion-controlled release applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012 , 23, 645-61	3.5	33
31	Characterization and scanning electron microscopic investigation of crosslinked freeze dried gelatin matrices for study of drug diffusivity and release kinetics. <i>Micron</i> , 2012 , 43, 311-20	2.3	22
30	Fabrication of low-cost composite polymer-based micro needle patch for transdermal drug delivery. <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 371-377	3.3	19
29	Crosslinking Biopolymers for Advanced Drug Delivery and Tissue Engineering Applications. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1078, 213-231	3.6	16
28	Synthesis of Novel Hydroxypropyl Methyl Cellulose Acrylate[A Novel Superdisintegrating Agent for Pharmaceutical Applications. <i>Materials and Manufacturing Processes</i> , 2010 , 25, 1477-1481	4.1	13
27	Biofunctional Phosphorylated Chitosan Hydrogels Prepared Above pH 6 and Effect of Crosslinkers on Gel Properties Towards Biomedical Applications. <i>Soft Materials</i> , 2014 , 12, 27-35	1.7	10
26	The potency of heterocyclic curcumin analogues: An evidence-based review. <i>Pharmacological Research</i> , 2021 , 166, 105489	10.2	8
25	Preparation and characterization of novel tamarind gum-based hydrogels for antimicrobial drug delivery applications. <i>Chemical Papers</i> , 2018 , 72, 2101-2113	1.9	5
24	Some Common Antidiabetic Plants of the Indian Subcontinent. <i>Food Reviews International</i> , 2010 , 26, 364-385	5.5	5
23	Long-term effects of a carbohydrate-rich diet on fasting blood sugar, lipid profile, and serum insulin values in rural Bengalis. <i>Journal of Diabetes</i> , 2009 , 1, 288-95	3.8	5
22	Effect of Slow and Fast Music on the Autonomic Nervous System and Cardiac Health. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 198-218	0.3	5
21	Hydrogels: Characterization, Drug Delivery, and Tissue Engineering Applications 2016 , 3853-3878		4

20	2010,		4
19	The inhibitory potency of isoxazole-curcumin analogue for the management of breast cancer: A comparative in vitro and molecular modeling investigation. <i>Chemical Papers</i> , 2021 , 75, 5995-6008	1.9	3
18	Investigating the effect of chitosan's degree of deacetylation on size of the nanoparticle. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 872, 012109	0.4	2
17	Biopolymer-based scaffolds 2020 , 717-749		2
16	GENIPIN CROSSLINKED DRUG-GELATIN COMPOSITE FOR DRUG TRANSPORT AND CYTOTOXICITY. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2011 , 23, 113-118	0.6	2
15	2016,		2
14	Protein-based gels 2018 , 31-54		2
13	Microneedle platform for biomedical applications 2019 , 421-441		1
12	Development of Bluetooth, Xbee, and Wi-Fi-Based Wireless Control Systems for Controlling Electric-Powered Robotic Vehicle Wheelchair Prototype 2020 , 1048-1079		1
11	Investigating the effect of freezing temperature and cross-linking on modulating drug release from chitosan scaffolds. <i>Chemical Papers</i> , 2020 , 74, 1759-1768	1.9	1
10	Transport of curcumin from cross-linked chitosan matrices: A comparative study. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 561, 012029	0.4	1
9	Natural polysaccharides for wound healing 2021 , 341-379		1
8	Development of Bluetooth, Xbee, and Wi-Fi-Based Wireless Control Systems for Controlling Electric-Powered Robotic Vehicle Wheelchair Prototype. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 356-387	0.3	0
7	Molecular modeling piloted analysis for semicarbazone derivative of curcumin as a potent Abl-kinase inhibitor targeting colon cancer. <i>3 Biotech</i> , 2021 , 11, 506	2.8	0
6	Effect of Odia and Tamil Music on the ANS and the Conduction Pathway of Heart of Odia Volunteers. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2017 , 240-263	0.3	0
5	Role of targeted drug delivery in cancer therapeutics 2021 , 327-354		0
4	Classification of Surface Electromyogram Signals Acquired from the Forearm of a Healthy Volunteer. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 315-333	0.3	
3	Development of a Surface EMG-Based Control System for Controlling Assistive Devices. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 335-355	0.3	

2 Pharmaceutical Application of Chitosan Derivatives **2019**, 141-163

1 Development of a Surface EMG-Based Control System for Controlling Assistive Devices **2020**, 765-785