

Goutam Thakur

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3089517/goutam-thakur-publications-by-year.pdf>

Version: 2024-04-19

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.

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	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
36	The potency of heterocyclic curcumin analogues: An evidence-based review. <i>Pharmacological Research</i> , 2021 , 166, 105489	10.2	8
35	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
34	Role of targeted drug delivery in cancer therapeutics 2021 , 327-354		0
33	Natural polysaccharides for wound healing 2021 , 341-379		1
32	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
31	Biopolymer-based scaffolds 2020 , 717-749		2
30	Development of a Surface EMG-Based Control System for Controlling Assistive Devices 2020 , 765-785		
29	Development of Bluetooth, Xbee, and Wi-Fi-Based Wireless Control Systems for Controlling Electric-Powered Robotic Vehicle Wheelchair Prototype 2020 , 1048-1079		1
28	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
27	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
26	Microneedle platform for biomedical applications 2019 , 421-441		1
25	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
24	Pharmaceutical Application of Chitosan Derivatives 2019 , 141-163		
23	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
22	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
21	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

20	Protein-based gels 2018 , 31-54		2
19	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
18	Hydrogels: Characterization, Drug Delivery, and Tissue Engineering Applications 2016 , 3853-3878		4
17	2016 ,		2
16	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
15	Hydrogel-Based Controlled Release Formulations: Designing Considerations, Characterization Techniques and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2013 , 52, 1391-1422		41
14	Chitosan Based Delivery Systems on a Length Scale: Nano to Macro. <i>Soft Materials</i> , 2013 , 11, 125-142	1.7	34
13	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
12	Gelatin-based emulsion gels for diffusion-controlled release applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012 , 23, 645-61	3.5	33
11	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
10	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
9	2010 ,		4
8	Some Common Antidiabetic Plants of the Indian Subcontinent. <i>Food Reviews International</i> , 2010 , 26, 364-385	5.5	5
7	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
6	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
5	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
4	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
3	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	

2	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	
1	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