

# Goutam Thakur

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

645  
citations

758635

12  
h-index

610482

24  
g-index

41  
all docs

41  
docs citations

41  
times ranked

971  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 126-136.	1.3	111
2	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.	2.6	102
3	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, 115-123.	1.7	52
4	Hydrogel-Based Controlled Release Formulations: Designing Considerations, Characterization Techniques and Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 1391-1422.	1.9	48
5	Gelatin-Based Emulsion Gels for Diffusion-Controlled Release Applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 645-661.	1.9	36
6	Chitosan Based Delivery Systems on a Length Scale: Nano to Macro. <i>Soft Materials</i> , 2013, 11, 125-142.	0.8	35
7	Fabrication of low-cost composite polymer-based micro needle patch for transdermal drug delivery. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 371-377.	1.6	35
8	The potency of heterocyclic curcumin analogues: An evidence-based review. <i>Pharmacological Research</i> , 2021, 166, 105489.	3.1	32
9	Crosslinking Biopolymers for Advanced Drug Delivery and Tissue Engineering Applications. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1078, 213-231.	0.8	27
10	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, 311-320.	1.1	26
11	Genipin cross-linked chitosan-PVA composite films: An investigation on the impact of cross-linking on accelerating wound healing. <i>Reactive and Functional Polymers</i> , 2022, 178, 105339.	2.0	17
12	Synthesis of Novel Hydroxypropyl Methyl Cellulose Acrylate A Novel Superdisintegrating Agent for Pharmaceutical Applications. <i>Materials and Manufacturing Processes</i> , 2010, 25, 1477-1481.	2.7	14
13	Preparation and characterization of novel tamarind gum-based hydrogels for antimicrobial drug delivery applications. <i>Chemical Papers</i> , 2018, 72, 2101-2113.	1.0	12
14	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.	0.8	11
15	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.	1.0	9
16	Some Common Antidiabetic Plants of the Indian Subcontinent. <i>Food Reviews International</i> , 2010, 26, 364-385.	4.3	8
17	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, 288-295.	0.8	7
18	Biopolymer-based scaffolds. , 2020, , 717-749.		7

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19	Effect of Slow and Fast Music on the Autonomic Nervous System and Cardiac Health. Advances in Medical Technologies and Clinical Practice Book Series, 0, , 198-218.	0.3	7
20	Investigating the effect of freezing temperature and cross-linking on modulating drug release from chitosan scaffolds. Chemical Papers, 2020, 74, 1759-1768.	1.0	5
21	Molecular modeling piloted analysis for semicarbazone derivative of curcumin as a potent Abl-kinase inhibitor targeting colon cancer. 3 Biotech, 2021, 11, 506.	1.1	5
22	Characterization of oil-in-water gelatin emulsion gels: Effect of homogenization time. , 2010, , .		4
23	Hydrogels: Characterization, Drug Delivery, and Tissue Engineering Applications. , 2016, , 3853-3878.		4
24	Protein-based gels. , 2018, , 31-54.		4
25	GENIPIN CROSSLINKED DRUGâ€™GELATIN COMPOSITE FOR DRUG TRANSPORT AND CYTOCOMPATIBILITY. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 113-118.	0.3	3
26	Microneedle platform for biomedical applications. , 2019, , 421-441.		3
27	Investigating the effect of chitosanâ€™s degree of deacetylation on size of the nanoparticle. IOP Conference Series: Materials Science and Engineering, 2020, 872, 012109.	0.3	3
28	Effect of Odia and Tamil Music on the ANS and the Conduction Pathway of Heart of Odia Volunteers. Advances in Medical Technologies and Clinical Practice Book Series, 2017, , 240-263.	0.3	3
29	Development of Bluetooth, Xbee, and Wi-Fi-Based Wireless Control Systems for Controlling Electric-Powered Robotic Vehicle Wheelchair Prototype. Advances in Medical Technologies and Clinical Practice Book Series, 0, , 356-387.	0.3	3
30	A comparative release study of curcumin and diclofenac sodium from genipin cross-linked composite hydrogel. , 2016, , .		2
31	Transport of curcumin from cross-linked chitosan matrices: A comparative study. IOP Conference Series: Materials Science and Engineering, 2019, 561, 012029.	0.3	2
32	Role of targeted drug delivery in cancer therapeutics. , 2021, , 327-354.		2
33	Natural polysaccharides for wound healing. , 2021, , 341-379.		1
34	A Systemic Approach to Peripheral Temperature Monitoring & Its Biomedical Applications. IFMBE Proceedings, 2014, , 831-833.	0.2	1
35	Pharmaceutical Application of Chitosan Derivatives. , 2019, , 141-163.		1
36	Development of Bluetooth, Xbee, and Wi-Fi-Based Wireless Control Systems for Controlling Electric-Powered Robotic Vehicle Wheelchair Prototype. , 2020, , 1048-1079.		1

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37	Classification of Surface Electromyogram Signals Acquired from the Forearm of a Healthy Volunteer. Advances in Medical Technologies and Clinical Practice Book Series, 0, , 315-333.	0.3	1
38	Development of a Surface EMG-Based Control System for Controlling Assistive Devices. Advances in Medical Technologies and Clinical Practice Book Series, 0, , 335-355.	0.3	1
39	Alpha-amylase activity of tannin isolated from Terminalia chebula. , 2010, , .		0
40	Effects of Increased Protein Intake as a Variant of Rural Diet in Human Volunteers of Rural Bengal. JMED Research, 0, , 1-11.	0.0	0
41	Development of a Surface EMG-Based Control System for Controlling Assistive Devices. , 2020, , 765-785.		0