Goutam Thakur

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3089517/publications.pdf

Version: 2024-02-01

41	645	758635 12	610482 24
papers	citations	h-index	g-index

41	41	41	971
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genipin cross-linked chitosanâ€“PVA composite films: An investigation on the impact of cross-linking on accelerating wound healing. Reactive and Functional Polymers, 2022, 178, 105339.	2.0	17
2	Role of targeted drug delivery in cancer therapeutics. , 2021, , 327-354.		2
3	Natural polysaccharides for wound healing. , 2021, , 341-379.		1
4	The potency of heterocyclic curcumin analogues: An evidence-based review. Pharmacological Research, 2021, 166, 105489.	3.1	32
5	The inhibitory potency of isoxazole-curcumin analogue for the management of breast cancer: A comparative in vitro and molecular modeling investigation. Chemical Papers, 2021, 75, 5995-6008.	1.0	9
6	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
7	Fabrication of low-cost composite polymer-based micro needle patch for transdermal drug delivery. Applied Nanoscience (Switzerland), 2020, 10, 371-377.	1.6	35
8	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
9	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
10	Biopolymer-based scaffolds. , 2020, , 717-749.		7
11	Development of a Surface EMG-Based Control System for Controlling Assistive Devices. , 2020, , 765-785.		0
12	Development of Bluetooth, Xbee, and Wi-Fi-Based Wireless Control Systems for Controlling Electric-Powered Robotic Vehicle Wheelchair Prototype. , 2020, , 1048-1079.		1
13	Microneedle platform for biomedical applications. , 2019, , 421-441.		3
14	Developments in the anticancer activity of structurally modified curcumin: An up-to-date review. European Journal of Medicinal Chemistry, 2019, 177, 76-104.	2.6	102
15	Transport of curcumin from cross-linked chitosan matrices: A comparative study. IOP Conference Series: Materials Science and Engineering, 2019, 561, 012029.	0.3	2
16	Pharmaceutical Application of Chitosan Derivatives. , 2019, , 141-163.		1
17	Preparation and characterization of novel tamarind gum-based hydrogels for antimicrobial drug delivery applications. Chemical Papers, 2018, 72, 2101-2113.	1.0	12
18	Crosslinking Biopolymers for Advanced Drug Delivery and Tissue Engineering Applications. Advances in Experimental Medicine and Biology, 2018, 1078, 213-231.	0.8	27

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19	Protein-based gels. , 2018, , 31-54.		4
20	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
21	A comparative release study of curcumin and diclofenac sodium from genipin cross-linked composite hydrogel. , 2016, , .		2
22	Hydrogels: Characterization, Drug Delivery, and Tissue Engineering Applications. , 2016, , 3853-3878.		4
23	Biofunctional Phosphorylated Chitosan Hydrogels Prepared Above pH 6 and Effect of Crosslinkers on Gel Properties Towards Biomedical Applications. Soft Materials, 2014, 12, 27-35.	0.8	11
24	A Systemic Approach to Peripheral Temperature Monitoring & Its Biomedical Applications. IFMBE Proceedings, 2014, , 831-833.	0.2	1
25	Hydrogel-Based Controlled Release Formulations: Designing Considerations, Characterization Techniques and Applications. Polymer-Plastics Technology and Engineering, 2013, 52, 1391-1422.	1.9	48
26	Chitosan Based Delivery Systems on a Length Scale: Nano to Macro. Soft Materials, 2013, 11, 125-142.	0.8	35
27	Gelatin-Based Emulsion Gels for Diffusion-Controlled Release Applications. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 645-661.	1.9	36
28	Characterization and scanning electron microscopic investigation of crosslinked freeze dried gelatin matrices for study of drug diffusivity and release kinetics. Micron, 2012, 43, 311-320.	1.1	26
29	Crosslinking of gelatin-based drug carriers by genipin induces changes in drug kinetic profiles in vitro. Journal of Materials Science: Materials in Medicine, 2011, 22, 115-123.	1.7	52
30	GENIPIN CROSSLINKED DRUGâ€“GELATIN COMPOSITE FOR DRUG TRANSPORT AND CYTOCOMPATIBILITY. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 113-118.	0.3	3
31	Alpha-amylase activity of tannin isolated from Terminalia chebula. , 2010, , .		0
32	Characterization of oil-in-water gelatin emulsion gels: Effect of homogenization time. , 2010, , .		4
33	Some Common Antidiabetic Plants of the Indian Subcontinent. Food Reviews International, 2010, 26, 364-385.	4.3	8
34	Synthesis of Novel Hydroxypropyl Methyl Cellulose Acrylateâ€" A Novel Superdisintegrating Agent for Pharmaceutical Applications. Materials and Manufacturing Processes, 2010, 25, 1477-1481.	2.7	14
35	Long-term effects of a carbohydrate-rich diet on fasting blood sugar, lipid profile, and serum insulin values in rural Bengalis. Journal of Diabetes, 2009, 1, 288-295.	0.8	7
36	Effect of flaxseed gum on reduction of blood glucose and cholesterol in type 2 diabetic patients. International Journal of Food Sciences and Nutrition, 2009, 60, 126-136.	1.3	111

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37	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
38	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
39	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
40	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
41	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