Pradip

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2854549/publications.pdf

Version: 2024-02-01

27 papers	1,937 citations	471061 17 h-index	525886 27 g-index
27 all docs	27 docs citations	27 times ranked	2662 citing authors

#	Article	IF	Citations
1	Synthesis, characterization and application of chitosan-N-(4-hydroxyphenyl)-methacrylamide derivative as a drug and gene carrier. International Journal of Biological Macromolecules, 2022, 195, 75-85.	3.6	7
2	'Click' synthesized non-substituted triazole modified chitosan from CaC2 as a novel antibacterial and antioxidant polymer. Journal of Polymer Research, 2022, 29, .	1.2	5
3	Chitosan based ZnO nanoparticles loaded gallic-acid films for active food packaging. Food Chemistry, 2021, 334, 127605.	4.2	183
4	Chitosan modified by organo-functionalities as an efficient nanoplatform for anti-cancer drug delivery process. Journal of Drug Delivery Science and Technology, 2021, 62, 102407.	1.4	20
5	Thiol modified chitosan-silica nanohybrid for antibacterial, antioxidant and drug delivery application. Journal of the Indian Chemical Society, 2021, 98, 100108.	1.3	10
6	A comparative catalytic study using different metal ions by incorporating functionalized metallosalen into the lacunary position of Keggin polyoxometalate. Journal of the Indian Chemical Society, 2021, 98, 100118.	1.3	3
7	Preparation, physicochemical and biological evaluation of quercetin based chitosan-gelatin film for food packaging. Carbohydrate Polymers, 2020, 227, 115348.	5.1	231
8	Methyl methacrylate modified chitosan: Synthesis, characterization and application in drug and gene delivery. Carbohydrate Polymers, 2019, 211, 109-117.	5.1	79
9	Chitosan grafted graphene oxide aerogel: Synthesis, characterization and carbon dioxide capture study. International Journal of Biological Macromolecules, 2019, 125, 300-306.	3.6	104
10	In-vitro toxicity induced by quartz nanoparticles: Role of ER stress. Toxicology, 2018, 404-405, 1-9.	2.0	8
11	Synthesis of chitin-glucan-aldehyde-quercetin conjugate and evaluation of anticancer and antioxidant activities. Carbohydrate Polymers, 2018, 193, 99-107.	5.1	64
12	Curcumin loaded chitin-glucan quercetin conjugate: Synthesis, characterization, antioxidant, in vitro release study, and anticancer activity. International Journal of Biological Macromolecules, 2018, 110, 234-244.	3.6	36
13	Cu(II)-carboxymethyl chitosan-silane schiff base complex grafted on nano silica: Structural evolution, antibacterial performance and dye degradation ability. International Journal of Biological Macromolecules, 2018, 110, 215-226.	3.6	59
14	A Novel Design Strategy for Chitosan containing azo-based Schiff bases for Colorimetric Sensing of Anions. Journal of Polymer Materials, 2018, 35, 137-148.	0.1	2
15	Nanoarchitecture CD@CMC@MnSiO : A Dual Responsive Drug Delivery System with Cellular Imaging Ability. Journal of Polymer Materials, 2018, 35, 85-101.	0.1	2
16	Evaluation of the DNA damaging potential of indigenous health hazardous quartz nanoparticles on the cultured lung cells. Toxicology Research, 2017, 6, 152-161.	0.9	5
17	Colorimetric and ONâ€“OFFâ€“ON fluorescent chemosensor for the sequential detection of Cu(ii) and cysteine and its application in imaging of living cells. RSC Advances, 2016, 6, 80268-80274.	1.7	21
18	Antibacterial activity of diisocyanate-modified chitosan for biomedical applications. International Journal of Biological Macromolecules, 2016, 84, 349-353.	3.6	70

#	ARTICLE	IF	CITATIONS
19	Studies on thermo-optic property of chitosanâ€“alizarin yellow GG complex: a direction for devices for biomedical applications. Bulletin of Materials Science, 2015, 38, 1639-1643.	0.8	5
20	Chitosan silk-based three-dimensional scaffolds containing gentamicin-encapsulated calcium alginate beads for drug administration and blood compatibility. Journal of Biomaterials Applications, 2015, 29, 1314-1325.	1.2	34
21	Mechanically robust biocomposite films of chitosan grafted carbon nanotubes via the [2 + 1] cycloaddition of nitrenes. RSC Advances, 2013, 3, 23631.	1.7	23
22	Progress in antimicrobial activities of chitin, chitosan and its oligosaccharides: a systematic study needs for food applications. Food Science and Technology International, 2012, 18, 3-34.	1.1	153
23	Preparation and characterization of optical property of crosslinkable film of chitosan with 2-thiophenecarboxaldehyde. Carbohydrate Polymers, 2010, 80, 563-569.	5.1	31
24	Preparation and properties of highly soluble chitosanâ€“l-glutamic acid aerogel derivative. Carbohydrate Polymers, 2009, 76, 188-195.	5.1	110
25	Physicochemical and bioactivity of cross-linked chitosanâ€“PVA film for food packaging applications. International Journal of Biological Macromolecules, 2009, 45, 372-376.	3.6	380
26	Preparation and characterization of N-heterocyclic chitosan derivative based gels for biomedical applications. International Journal of Biological Macromolecules, 2009, 45, 330-337.	3.6	104
27	CHITIN AND CHITOSAN FOR VERSATILE APPLICATIONS. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 2002, 42, 307-354.	2.2	188