Bing Ren Tian

List of Publications by Year
in descending order

25 papers	1,137 citations	516710 16 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	1194 citing authors

#	Article	IF	Citations
1	Resveratrol: a review of plant sources, synthesis, stability, modification and food application. Journal of the Science of Food and Agriculture, 2020, 100, 1392-1404.	3.5	247
2	Cyclodextrin-based delivery systems for chemotherapeutic anticancer drugs: A review. Carbohydrate Polymers, 2020, 232, 115805.	10.2	144
3	Smart stimuli-responsive drug delivery systems based on cyclodextrin: A review. Carbohydrate Polymers, 2021, 251, 116871.	10.2	123
4	Chemical and physical chitosan hydrogels as prospective carriers for drug delivery: a review. Journal of Materials Chemistry B, 2020, 8, 10050-10064.	5.8	85
5	The application and prospects of cyclodextrin inclusion complexes and polymers in the food industry: a review. Polymer International, 2020, 69, 597-603.	3.1	72
6	Cyclodextrin-based adsorbents for the removal of pollutants from wastewater: a review. Environmental Science and Pollution Research, 2021, 28, 1317-1340.	5.3	66
7	Cyclodextrin-Catalyzed Organic Synthesis: Reactions, Mechanisms, and Applications. Molecules, 2017, 22, 1475.	3.8	62
8	Chitosanâ€based biomaterials: From discovery to food application. Polymers for Advanced Technologies, 2020, 31, 2408-2421.	3.2	40
9	Cyclodextrin as a magic switch in covalent and non-covalent anticancer drug release systems. Carbohydrate Polymers, 2020, 242, 116401.	10.2	38
10	The classification and application of cyclodextrin polymers: a review. New Journal of Chemistry, 2020, 44, 9137-9148.	2.8	36
11	Chitosan-silica with hops Î²-acids added films as prospective food packaging materials: Preparation, characterization, and properties. Carbohydrate Polymers, 2021, 272, 118457.	10.2	34
12	Chitosan-based nanoscale and non-nanoscale delivery systems for anticancer drugs: A review. European Polymer Journal, 2021, 154, 110533.	5.4	31
13	Cyclodextrin-Containing Hydrogels: A Review of Preparation Method, Drug Delivery, and Degradation Behavior. International Journal of Molecular Sciences, 2021, 22, 13516.	4.1	28
14	Antibacterial applications and safety issues of silicaâ€based materials: A review. International Journal of Applied Ceramic Technology, 2021, 18, 289-301.	2.1	24
15	Functional polysaccharide-based film prepared from chitosan and Î²-acids: Structural, physicochemical, and bioactive properties. International Journal of Biological Macromolecules, 2021, 181, 966-977.	7.5	22
16	Selective modifications at the different positions of cyclodextrins: a review ofstrategies. Turkish Journal of Chemistry, 2020, 44, 261-278.	1.2	19
17	Multifunctional chitosan-based film loaded with hops Î²-acids: Preparation, characterization, controlled release and antibacterial mechanism. Food Hydrocolloids, 2022, 124, 107337.	10.7	18
18	Formation chitosan-based hydrogel film containing silicon for hops Î²-acids release as potential food packaging material. International Journal of Biological Macromolecules, 2021, 191, 288-298.	7.5	17

#	Article	IF	Citations
19	Resveratrol Functionalized Carboxymethyl-Î²-Cyclodextrin: Synthesis, Characterization, and Photostability. Journal of Chemistry, 2018, 2018, 1-7.	1.9	12
20	Development of multifunctional films based on chitosan, nano silica and hops extracts. European Polymer Journal, 2021, 161, 110816.	5.4	9
21	Adhesion behavior of silica nanoparticles with bacteria: Spectroscopy measurements based on kinetics, and molecular docking. Journal of Molecular Liquids, 2021, 343, 117651.	4.9	3
22	Proteomic analysis of hexahydro-Î²-acids/hydroxypropyl-Î²-cyclodextrin inhibit Listeria monocytogenes. Applied Microbiology and Biotechnology, 2022, 106, 755-771.	3.6	3
23	Integrating diverse plant bioactive ingredients with cyclodextrins to fabricate functional films for food application: a critical review. Critical Reviews in Food Science and Nutrition, 2023, 63, 7311-7340.	10.3	3
24	The Design, Synthesis, and Characterization of Resveratrol Derivatives Modified by Different Î³-Aminobutyric Acid Esters. Journal of Chemistry, 2019, 2019, 1-6.	1.9	1
25	Preparation of-hydroxyphenylacetic acid with cyclodextrins as an effectivephase-transfer catalyst and its reaction mechanism. Turkish Journal of Chemistry, 2019, 43, 359-368.	1.2	0