

# Bing Ren Tian

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,137  
citations

516215

16  
h-index

610482

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. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 1392-1404.	1.7	247
2	Cyclodextrin-based delivery systems for chemotherapeutic anticancer drugs: A review. <i>Carbohydrate Polymers</i> , 2020, 232, 115805.	5.1	144
3	Smart stimuli-responsive drug delivery systems based on cyclodextrin: A review. <i>Carbohydrate Polymers</i> , 2021, 251, 116871.	5.1	123
4	Chemical and physical chitosan hydrogels as prospective carriers for drug delivery: a review. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10050-10064.	2.9	85
5	The application and prospects of cyclodextrin inclusion complexes and polymers in the food industry: a review. <i>Polymer International</i> , 2020, 69, 597-603.	1.6	72
6	Cyclodextrin-based adsorbents for the removal of pollutants from wastewater: a review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1317-1340.	2.7	66
7	Cyclodextrin-Catalyzed Organic Synthesis: Reactions, Mechanisms, and Applications. <i>Molecules</i> , 2017, 22, 1475.	1.7	62
8	Chitosan-based biomaterials: From discovery to food application. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2408-2421.	1.6	40
9	Cyclodextrin as a magic switch in covalent and non-covalent anticancer drug release systems. <i>Carbohydrate Polymers</i> , 2020, 242, 116401.	5.1	38
10	The classification and application of cyclodextrin polymers: a review. <i>New Journal of Chemistry</i> , 2020, 44, 9137-9148.	1.4	36
11	Chitosan-silica with hops $\beta$ -acids added films as prospective food packaging materials: Preparation, characterization, and properties. <i>Carbohydrate Polymers</i> , 2021, 272, 118457.	5.1	34
12	Chitosan-based nanoscale and non-nanoscale delivery systems for anticancer drugs: A review. <i>European Polymer Journal</i> , 2021, 154, 110533.	2.6	31
13	Cyclodextrin-Containing Hydrogels: A Review of Preparation Method, Drug Delivery, and Degradation Behavior. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13516.	1.8	28
14	Antibacterial applications and safety issues of silica-based materials: A review. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 289-301.	1.1	24
15	Functional polysaccharide-based film prepared from chitosan and $\beta$ -acids: Structural, physicochemical, and bioactive properties. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 966-977.	3.6	22
16	Selective modifications at the different positions of cyclodextrins: a review of strategies. <i>Turkish Journal of Chemistry</i> , 2020, 44, 261-278.	0.5	19
17	Multifunctional chitosan-based film loaded with hops $\beta$ -acids: Preparation, characterization, controlled release and antibacterial mechanism. <i>Food Hydrocolloids</i> , 2022, 124, 107337.	5.6	18
18	Formation chitosan-based hydrogel film containing silicon for hops $\beta$ -acids release as potential food packaging material. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 288-298.	3.6	17

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19	Resveratrol Functionalized Carboxymethyl- $\beta$ -Cyclodextrin: Synthesis, Characterization, and Photostability. <i>Journal of Chemistry</i> , 2018, 2018, 1-7.	0.9	12
20	Development of multifunctional films based on chitosan, nano silica and hops extracts. <i>European Polymer Journal</i> , 2021, 161, 110816.	2.6	9
21	Adhesion behavior of silica nanoparticles with bacteria: Spectroscopy measurements based on kinetics, and molecular docking. <i>Journal of Molecular Liquids</i> , 2021, 343, 117651.	2.3	3
22	Proteomic analysis of hexahydro- $\beta$ -cyclodextrin/hydroxypropyl- $\beta$ -cyclodextrin inhibit <i>Listeria monocytogenes</i> . <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 755-771.	1.7	3
23	Integrating diverse plant bioactive ingredients with cyclodextrins to fabricate functional films for food application: a critical review. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 7311-7340.	5.4	3
24	The Design, Synthesis, and Characterization of Resveratrol Derivatives Modified by Different $\beta$ -Aminobutyric Acid Esters. <i>Journal of Chemistry</i> , 2019, 2019, 1-6.	0.9	1
25	Preparation of-hydroxyphenylacetic acid with cyclodextrins as an effective phase-transfer catalyst and its reaction mechanism. <i>Turkish Journal of Chemistry</i> , 2019, 43, 359-368.	0.5	0