

Guangcan Chen

List of Publications by Year in descending order

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papers

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citations

567144

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citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Strong Antioxidative, Therapeutic Nanoparticles Based on Amino Acid-Induced Ultrafast Assembly of Tea Polyphenols. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33550-33563.	4.0	76
2	Size-controlled, colloidally stable and functional nanoparticles based on the molecular assembly of green tea polyphenols and keratins for cancer therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1373-1386.	2.9	56
3	Green Tea Polyphenol-Stabilized Gel-Like High Internal Phase Pickering Emulsions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 4076-4090.	3.2	49
4	Synthesis and characterization of injectable self-healing hydrogels based on oxidized alginate-hybrid-hydroxyapatite nanoparticles and carboxymethyl chitosan. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1164-1174.	3.6	47
5	DOX-assisted functionalization of green tea polyphenol nanoparticles for effective chemo-photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4066-4078.	2.9	43
6	Epigallocatechin gallate-based nanoparticles with reactive oxygen species scavenging property for effective chronic periodontitis treatment. <i>Chemical Engineering Journal</i> , 2022, 433, 132197.	6.6	40
7	Modular Assembly of Versatile Nanoparticles with Epigallocatechin Gallate. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9833-9845.	3.2	35
8	Biocompatible, Antioxidant Nanoparticles Prepared from Natural Renewable Tea Polyphenols and Human Hair Keratins for Cell Protection and Anti-inflammation. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1046-1057.	2.6	32
9	Carrier-Enhanced Photodynamic Cancer Therapy of Self-Assembled Green Tea Polyphenol-Based Nanoformulations. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16372-16384.	3.2	28
10	Polyphenol Nanoparticles from Commonly Consumed Tea for Scavenging Free Radicals, Stabilizing Pickering Emulsions, and Inhibiting Cancer Cells. <i>ACS Applied Nano Materials</i> , 2021, 4, 652-665.	2.4	26
11	General Nanomedicine Platform by Solvent-Mediated Disassembly/Reassembly of Scalable Natural Polyphenol Colloidal Spheres. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 37914-37928.	4.0	25
12	Delicate Assembly of Ultrathin Hydroxyapatite Nanobelts with Nanoneedles Directed by Dissolved Cellulose. <i>Inorganic Chemistry</i> , 2018, 57, 4516-4523.	1.9	22
13	Alginate-Assisted Mineralization of Collagen by Collagen Reconstitution and Calcium Phosphate Formation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3275-3286.	2.6	22
14	RhBMP-2 and concomitant rapid material degradation synergistically promote bone repair and regeneration with collagen-hydroxyapatite nanocomposites. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4338-4350.	2.9	21
15	Natural polysaccharide-incorporated hydroxyapatite as size-changeable, nuclear-targeted nanocarrier for efficient cancer therapy. <i>Biomaterials Science</i> , 2020, 8, 5390-5401.	2.6	20
16	Size Changeable Nanomedicines Assembled by Noncovalent Interactions of Responsive Small Molecules for Enhancing Tumor Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26431-26442.	4.0	18
17	Freeze-thaw cycles for biocompatible, mechanically robust scaffolds of human hair keratins. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1452-1461.	1.6	15
18	Polymerization-Induced Self-Assembly of Tea Polyphenols into Open-Mouthed Nanoparticles for Active Delivery Systems and Stable Carbon Bowls. <i>ACS Applied Nano Materials</i> , 2021, 4, 13510-13522.	2.4	13

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19	Micro-/Nanomechanics Dependence of Biomimetic Matrices upon Collagen-Based Fibrillar Aggregation and Arrangement. <i>Biomacromolecules</i> , 2020, 21, 3547-3560.	2.6	12
20	Green tea polyphenol nanoparticle as a novel adsorbent to remove Pb ²⁺ from wastewater. <i>Materials Letters</i> , 2021, 284, 128986.	1.3	7