Zeng Yi

List of Publications by Year
in descending order

28 papers	910 citations	394286 19 h-index	501076 28 g-index
28 all docs	28 docs citations	28 times ranked	736 citing authors

#	Article	IF	Citations
1	Epigallocatechin gallate-based nanoparticles with reactive oxygen species scavenging property for effective chronic periodontitis treatment. Chemical Engineering Journal, 2022, 433, 132197.	6.6	40
2	Dual stimuli-responsive nanocarriers based on polyethylene glycol-mediated schiff base interactions for overcoming tumour chemoresistance. Colloids and Surfaces B: Biointerfaces, 2022, 213, 112408.	2.5	5
3	Size Changeable Nanomedicines Assembled by Noncovalent Interactions of Responsive Small Molecules for Enhancing Tumor Therapy. ACS Applied Materials & Interfaces, 2022, 14, 26431-26442.	4.0	18
4	Green tea polyphenol nanoparticle as a novel adsorbent to remove Pb2+ from wastewater. Materials Letters, 2021, 284, 128986.	1.3	7
5	Green Tea Polyphenol-Stabilized Gel-Like High Internal Phase Pickering Emulsions. ACS Sustainable Chemistry and Engineering, 2021, 9, 4076-4090.	3.2	49
6	Developing exquisite collagen fibrillar assemblies in the presence of keratin nanoparticles for improved cellular affinity. International Journal of Biological Macromolecules, 2021, 189, 380-390.	3.6	12
7	Biocompatible, Antioxidant Nanoparticles Prepared from Natural Renewable Tea Polyphenols and Human Hair Keratins for Cell Protection and Anti-inflammation. ACS Biomaterials Science and Engineering, 2021, 7, 1046-1057.	2.6	32
8	Polyphenol Nanoparticles from Commonly Consumed Tea for Scavenging Free Radicals, Stabilizing Pickering Emulsions, and Inhibiting Cancer Cells. ACS Applied Nano Materials, 2021, 4, 652-665.	2.4	26
9	Polymerization-Induced Self-Assembly of Tea Polyphenols into Open-Mouthed Nanoparticles for Active Delivery Systems and Stable Carbon Bowls. ACS Applied Nano Materials, 2021, 4, 13510-13522.	2.4	13
10	Synthesis and characterization of injectable self-healing hydrogels based on oxidized alginate-hybrid-hydroxyapatite nanoparticles and carboxymethyl chitosan. International Journal of Biological Macromolecules, 2020, 165, 1164-1174.	3.6	47
11	Carrier-Enhanced Photodynamic Cancer Therapy of Self-Assembled Green Tea Polyphenol-Based Nanoformulations. ACS Sustainable Chemistry and Engineering, 2020, 8, 16372-16384.	3.2	28
12	Micro-/Nanomechanics Dependence of Biomimetic Matrices upon Collagen-Based Fibrillar Aggregation and Arrangement. Biomacromolecules, 2020, 21, 3547-3560.	2.6	12
13	General Nanomedicine Platform by Solvent-Mediated Disassembly/Reassembly of Scalable Natural Polyphenol Colloidal Spheres. ACS Applied Materials & Interfaces, 2020, 12, 37914-37928.	4.0	25
14	Natural polysaccharide-incorporated hydroxyapatite as size-changeable, nuclear-targeted nanocarrier for efficient cancer therapy. Biomaterials Science, 2020, 8, 5390-5401.	2.6	20
15	Modular Assembly of Versatile Nanoparticles with Epigallocatechin Gallate. ACS Sustainable Chemistry and Engineering, 2020, 8, 9833-9845.	3.2	35
16	Preparation of Strong Antioxidative, Therapeutic Nanoparticles Based on Amino Acid-Induced Ultrafast Assembly of Tea Polyphenols. ACS Applied Materials & Interfaces, 2020, 12, 33550-33563.	4.0	76
17	Alginate-Assisted Mineralization of Collagen by Collagen Reconstitution and Calcium Phosphate Formation. ACS Biomaterials Science and Engineering, 2020, 6, 3275-3286.	2.6	22
18	DOX-assisted functionalization of green tea polyphenol nanoparticles for effective chemo-photothermal cancer therapy. Journal of Materials Chemistry B, 2019, 7, 4066-4078.	2.9	43

#	Article	IF	Citations
19	Freezeâ€“thaw cycles for biocompatible, mechanically robust scaffolds of human hair keratins. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1452-1461.	1.6	15
20	Delicate Assembly of Ultrathin Hydroxyapatite Nanobelts with Nanoneedles Directed by Dissolved Cellulose. Inorganic Chemistry, 2018, 57, 4516-4523.	1.9	22
21	Size-controlled, colloidally stable and functional nanoparticles based on the molecular assembly of green tea polyphenols and keratins for cancer therapy. Journal of Materials Chemistry B, 2018, 6, 1373-1386.	2.9	56
22	Alginate-Mediated Mineralization for Ultrafine Hydroxyapatite Hybrid Nanoparticles. Langmuir, 2018, 34, 6797-6805.	1.6	31
23	Biologically inspired, catechol-coordinated, hierarchical organization of raspberry-like calcium phosphate nanospheres with high specific surface area. Journal of Materials Chemistry B, 2018, 6, 3811-3819.	2.9	16
24	Cellulose/keratinâ€“catechin nanocomposite hydrogel for wound hemostasis. Journal of Materials Chemistry B, 2018, 6, 6133-6141.	2.9	49
25	RhBMP-2 and concomitant rapid material degradation synergistically promote bone repair and regeneration with collagenâ€“hydroxyapatite nanocomposites. Journal of Materials Chemistry B, 2018, 6, 4338-4350.	2.9	21
26	Tumor-targeted and nitric oxide-generated nanogels of keratin and hyaluronan for enhanced cancer therapy. Nanoscale, 2018, 10, 12109-12122.	2.8	61
27	Functional nanoparticles of tea polyphenols for doxorubicin delivery in cancer treatment. Journal of Materials Chemistry B, 2017, 5, 7622-7631.	2.9	45
28	Bio-responsive alginate-keratin composite nanogels with enhanced drug loading efficiency for cancer therapy. Carbohydrate Polymers, 2017, 175, 159-169.	5.1	84