

Zeng Yi

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

910
citations

394286

19
h-index

501076

28
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28
all docs

28
docs citations

28
times ranked

736
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-responsive alginate-keratin composite nanogels with enhanced drug loading efficiency for cancer therapy. <i>Carbohydrate Polymers</i> , 2017, 175, 159-169.	5.1	84
2	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
3	Tumor-targeted and nitric oxide-generated nanogels of keratin and hyaluronan for enhanced cancer therapy. <i>Nanoscale</i> , 2018, 10, 12109-12122.	2.8	61
4	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
5	Cellulose/keratin-catechin nanocomposite hydrogel for wound hemostasis. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6133-6141.	2.9	49
6	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
7	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
8	Functional nanoparticles of tea polyphenols for doxorubicin delivery in cancer treatment. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7622-7631.	2.9	45
9	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
10	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
11	Modular Assembly of Versatile Nanoparticles with Epigallocatechin Gallate. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9833-9845.	3.2	35
12	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
13	Alginate-Mediated Mineralization for Ultrafine Hydroxyapatite Hybrid Nanoparticles. <i>Langmuir</i> , 2018, 34, 6797-6805.	1.6	31
14	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
15	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
16	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
17	Delicate Assembly of Ultrathin Hydroxyapatite Nanobelts with Nanoneedles Directed by Dissolved Cellulose. <i>Inorganic Chemistry</i> , 2018, 57, 4516-4523.	1.9	22
18	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

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19	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
20	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
21	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
22	Biologically inspired, catechol-coordinated, hierarchical organization of raspberry-like calcium phosphate nanospheres with high specific surface area. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3811-3819.	2.9	16
23	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
24	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
25	Micro-/Nanomechanics Dependence of Biomimetic Matrices upon Collagen-Based Fibrillar Aggregation and Arrangement. <i>Biomacromolecules</i> , 2020, 21, 3547-3560.	2.6	12
26	Developing exquisite collagen fibrillar assemblies in the presence of keratin nanoparticles for improved cellular affinity. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 380-390.	3.6	12
27	Green tea polyphenol nanoparticle as a novel adsorbent to remove Pb ²⁺ from wastewater. <i>Materials Letters</i> , 2021, 284, 128986.	1.3	7
28	Dual stimuli-responsive nanocarriers based on polyethylene glycol-mediated schiff base interactions for overcoming tumour chemoresistance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 213, 112408.	2.5	5