

Jinshan Guo

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,015
citations

201575

27
h-index

243529

44
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58
all docs

58
docs citations

58
times ranked

2746
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of tannin-inspired antimicrobial bioadhesives. <i>Acta Biomaterialia</i> , 2018, 72, 35-44.	4.1	213
2	Absorbable Thioether Grafted Hyaluronic Acid Nanofibrous Hydrogel for Synergistic Modulation of Inflammation Microenvironment to Accelerate Chronic Diabetic Wound Healing. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000198.	3.9	114
3	Click chemistry improved wet adhesion strength of mussel-inspired citrate-based antimicrobial bioadhesives. <i>Biomaterials</i> , 2017, 112, 275-286.	5.7	89
4	Synthesis and characterization of anti-bacterial and anti-fungal citrate-based mussel-inspired bioadhesives. <i>Biomaterials</i> , 2016, 85, 204-217.	5.7	88
5	Click Cross-Linking-Improved Waterborne Polymers for Environment-Friendly Coatings and Adhesives. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 17499-17510.	4.0	79
6	Surface Acoustic Waves Grant Superior Spatial Control of Cells Embedded in Hydrogel Fibers. <i>Advanced Materials</i> , 2016, 28, 8632-8638.	11.1	78
7	Design strategies and applications of nacre-based biomaterials. <i>Acta Biomaterialia</i> , 2017, 54, 21-34.	4.1	76
8	Click Chemistry Plays a Dual Role in Biodegradable Polymer Design. <i>Advanced Materials</i> , 2014, 26, 1906-1911.	11.1	66
9	Magnesium oxide-crosslinked low-swelling citrate-based mussel-inspired tissue adhesives. <i>Biomaterials</i> , 2020, 232, 119719.	5.7	66
10	Recent advances in the development of nitric oxide-releasing biomaterials and their application potentials in chronic wound healing. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7063-7075.	2.9	63
11	Citric Acid-based Hydroxyapatite Composite Scaffolds Enhance Calvarial Regeneration. <i>Scientific Reports</i> , 2014, 4, 6912.	1.6	62
12	Development of Organic/Inorganic Compatible and Sustainably Bioactive Composites for Effective Bone Regeneration. <i>Biomacromolecules</i> , 2018, 19, 3637-3648.	2.6	60
13	Development of injectable citrate-based bioadhesive bone implants. <i>Journal of Materials Chemistry B</i> , 2015, 3, 387-398.	2.9	55
14	Light-Activatable Prodrug and AIEgen Copolymer Nanoparticle for Dual-Drug Monitoring and Combination Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18691-18700.	4.0	54
15	Synthesis and characterization of functional poly(β -benzyl-L-glutamate) (PBLG) as a hydrophobic precursor. <i>Polymer</i> , 2009, 50, 2847-2855.	1.8	52
16	Simultaneously Photo-cleavable and Activatable Prodrug-Backboned Block Copolymer Micelles for Precise Anticancer Drug Delivery. <i>Advanced Healthcare Materials</i> , 2016, 5, 2493-2499.	3.9	50
17	Chemosynthesis of Poly(β -lysine)-Analogous Polymers by Microwave-Assisted Click Polymerization. <i>Biomacromolecules</i> , 2011, 12, 737-746.	2.6	45
18	Synthesis and characterization of citrate-based fluorescent small molecules and biodegradable polymers. <i>Acta Biomaterialia</i> , 2017, 50, 361-369.	4.1	45

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19	Citrate-Based Tannin-Bridged Bone Composites for Lumbar Fusion. <i>Advanced Functional Materials</i> , 2020, 30, 2002438.	7.8	43
20	Recent advances in polymeric biomaterials-based gene delivery for cartilage repair. <i>Bioactive Materials</i> , 2020, 5, 990-1003.	8.6	41
21	Fluorescence imaging enabled poly(lactide-co-glycolide). <i>Acta Biomaterialia</i> , 2016, 29, 307-319.	4.1	40
22	Hydrogen-Bond-Selective Phase Transfer of Nanoparticles across Liquid/Gel Interfaces. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4953-4956.	7.2	39
23	Layer-by-Layer Assembled Polypeptide Capsules for Platinum-Based Pro-Drug Delivery. <i>Bioconjugate Chemistry</i> , 2012, 23, 2335-2343.	1.8	36
24	A fast degradable citrate-based bone scaffold promotes spinal fusion. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5569-5576.	2.9	35
25	Facile Polyphenol-Europium Assembly Enabled Functional Poly(L-lactic Acid) Nanofiber Mats with Enhanced Antioxidation and Angiogenesis for Accelerated Wound Healing. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100793.	3.9	35
26	Citrate-based biphasic scaffolds for the repair of large segmental bone defects. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 772-781.	2.1	33
27	The critical chemical and mechanical regulation of folic acid on neural engineering. <i>Biomaterials</i> , 2018, 178, 504-516.	5.7	31
28	Development of contact-killing non-leaching antimicrobial guanidyl-functionalized polymers via click chemistry. <i>RSC Advances</i> , 2017, 7, 24903-24913.	1.7	29
29	Development of Citrate-Based Dual-Imaging Enabled Biodegradable Electroactive Polymers. <i>Advanced Functional Materials</i> , 2018, 28, 1801787.	7.8	29
30	Synthesis and self-assembly of a novel Y-shaped copolymer with a helical polypeptide arm. <i>Polymer</i> , 2009, 50, 455-461.	1.8	28
31	Functional Macromolecular Adhesives for Bone Fracture Healing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 1-19.	4.0	27
32	Self-Assembly of a Hydrophobic Polypeptide Containing a Short Hydrophilic Middle Segment: Vesicles to Large Compound Micelles. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1129-1136.	1.1	26
33	Platinum-crosslinking polymeric nanoparticle for synergetic chemoradiotherapy of nasopharyngeal carcinoma. <i>Bioactive Materials</i> , 2021, 6, 4707-4716.	8.6	22
34	PEGylated Click Polypeptides Synthesized by Copper-Free Microwave-Assisted Thermal Click Polymerization for Selective Endotoxin Removal from Protein Solutions. <i>Macromolecular Bioscience</i> , 2012, 12, 533-546.	2.1	18
35	In vivo study of polyurethane and tannin-modified hydroxyapatite composites for calvarial regeneration. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173142096803.	2.3	17
36	PEGylation of bovine serum albumin using click chemistry for the application as drug carriers. <i>Biotechnology Progress</i> , 2012, 28, 856-861.	1.3	16

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37	Protein-based natural antibacterial materials and their applications in food preservation. <i>Microbial Biotechnology</i> , 2022, 15, 1324-1338.	2.0	16
38	Evolving polymersomes autonomously generated in and regulated by a semibatch pH oscillator. <i>Chemical Communications</i> , 2019, 55, 9383-9386.	2.2	14
39	Antimicrobial hydroxyapatite and its composites for the repair of infected femoral condyle. <i>Materials Science and Engineering C</i> , 2021, 121, 111807.	3.8	13
40	Development of tannin-bridged cerium oxide microcubes-chitosan cryogel as a multifunctional wound dressing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 214, 112479.	2.5	10
41	Highly efficient and recyclable polyolefin-based magnetic sorbent for oils and organic solvents spill cleanup. <i>Journal of Hazardous Materials</i> , 2021, 419, 126485.	6.5	9
42	Combination of Anti-biofouling and Ion-Interaction by Click Chemistry for Endotoxin Selective Removal from Protein Solution. <i>Advanced Healthcare Materials</i> , 2013, 2, 784-789.	3.9	8
43	Citrate-based mussel-inspired magnesium whitlockite composite adhesives augmented bone-to-tendon healing. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8202-8210.	2.9	8
44	Design Strategies and Applications of Citrate-Based Biodegradable Elastomeric Polymers. , 2014, , 259-285.		5
45	Emulsion click microspheres: morphology/shape control by surface cross-linking and a porogen. <i>RSC Advances</i> , 2014, 4, 23685-23689.	1.7	5
46	The application of platelet-rich plasma in the treatment of knee osteoarthritis: A literature review. <i>Journal of Orthopaedic Science</i> , 2021, 27, 420-420.	0.5	5
47	TCP/PLGA composite scaffold loaded rapamycin in situ enhances lumbar fusion by regulating osteoblast and osteoclast activity. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 475-486.	1.3	4
48	Bone Composites: Citrate-Based Tannin-Bridged Bone Composites for Lumbar Fusion (<i>Adv. Funct. Mater.</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.8	3
49	Periodic Polymerization and the Generation of Polymer Giant Vesicles Autonomously Driven by pH Oscillatory Chemistry. <i>Frontiers in Chemistry</i> , 2021, 9, 576349.	1.8	3
50	Esterification of Hydrogenated Hydroxyl-Terminated Polybutadiene as a High-Performance Lubricating Oil. <i>Industrial & Engineering Chemistry Research</i> , 0, , .	1.8	3
51	Development of non-leaching and eco-friendly polyhexamethylene guanidine hydrochloride based antimicrobial waterborne polyacrylates. <i>Pigment and Resin Technology</i> , 2017, 46, 458-468.	0.5	2
52	Growing Polymer Vesicles Generated by Polymerization Induced Self-Assembly Coupled With a Living Chemical Reactor. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 1018.	2.0	2
53	New advances into antimicrobial research. <i>Microbial Biotechnology</i> , 2022, 15, 391-391.	2.0	1
54	Biodegradable Polymers: Click Chemistry Plays a Dual Role in Biodegradable Polymer Design (<i>Adv.</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	11.1	0

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55	Hydrogels: Surface Acoustic Waves Grant Superior Spatial Control of Cells Embedded in Hydrogel Fibers (Adv. Mater. 39/2016). Advanced Materials, 2016, 28, 8556-8556.	11.1	0
56	Clinical application of polyurethane meniscal scaffold: A meta-analysis. Journal of Orthopaedics, 2021, 24, 173-181.	0.6	0