

Lihuang Wu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

615
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-efficient Antibacterial System Based on Photodynamic Therapy and CO Gas Therapy for Synergistic Antibacterial and Ablation Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22479-22491.	8.0	122
2	PDT-Driven Highly Efficient Intracellular Delivery and Controlled Release of CO in Combination with Sufficient Singlet Oxygen Production for Synergistic Anticancer Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1804324.	14.9	108
3	Recent advances and challenges in materials for 3D bioprinting. <i>Progress in Natural Science: Materials International</i> , 2020, 30, 618-634.	4.4	77
4	<sc>L</sc>-Arginine-Rich Amphiphilic Dendritic Peptide as a Versatile NO Donor for NO/Photodynamic Synergistic Treatment of Bacterial Infections and Promoting Wound Healing. <i>Small</i> , 2021, 17, e2101495.	10.0	73
5	Tumor-pH-Sensitive PLLA-Based Microsphere with Acid Cleavable Acetal Bonds on the Backbone for Efficient Localized Chemotherapy. <i>Biomacromolecules</i> , 2018, 19, 3140-3148.	5.4	65
6	A multifunctional anti-inflammatory drug that can specifically target activated macrophages, massively deplete intracellular H ₂ O ₂ , and produce large amounts CO for a highly efficient treatment of osteoarthritis. <i>Biomaterials</i> , 2020, 255, 120155.	11.4	63
7	A versatile chitosan nanogel capable of generating AgNPs in-situ and long-acting slow-release of Ag ⁺ for highly efficient antibacterial. <i>Carbohydrate Polymers</i> , 2021, 257, 117636.	10.2	39
8	Multifunctional polysaccharide hydrogels for skin wound healing prepared by photoinitiator-free crosslinking. <i>Carbohydrate Polymers</i> , 2022, 285, 119254.	10.2	26
9	An Alternating Irradiation Strategy-Driven Combination Therapy of PDT and RNAi for Highly Efficient Inhibition of Tumor Growth and Metastasis. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001850.	7.6	16
10	Bioactive hydrogels based on polysaccharides and peptides for soft tissue wound management. <i>Journal of Materials Chemistry B</i> , 2022, 10, 7148-7160.	5.8	13
11	Biodegradable gemcitabine-loaded microdevice with sustained local drug delivery and improved tumor recurrence inhibition abilities for postoperative pancreatic tumor treatment. <i>Drug Delivery</i> , 2022, 29, 1595-1607.	5.7	7
12	A facile one-step gelation approach simultaneously combining physical and chemical cross-linking for the preparation of injectable hydrogels. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3145-3153.	5.8	6