

Yiming Niu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

945
citations

566801

15
h-index

525886

27
g-index

30
all docs

30
docs citations

30
times ranked

1627
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted depletion of tumour-associated macrophages by an alendronate-glucomannan conjugate for cancer immunotherapy. <i>Biomaterials</i> , 2014, 35, 10046-10057.	5.7	130
2	Modulating macrophage activities to promote endogenous bone regeneration: Biological mechanisms and engineering approaches. <i>Bioactive Materials</i> , 2021, 6, 244-261.	8.6	100
3	Engineered delivery strategies for enhanced control of growth factor activities in wound healing. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 190-208.	6.6	93
4	Bioactive polysaccharides from natural resources including Chinese medicinal herbs on tissue repair. <i>Chinese Medicine</i> , 2018, 13, 7.	1.6	80
5	In situ sequestration of endogenous PDGF-BB with an ECM-mimetic sponge for accelerated wound healing. <i>Biomaterials</i> , 2017, 148, 54-68.	5.7	74
6	A macrophage-activating, injectable hydrogel to sequester endogenous growth factors for in situ angiogenesis. <i>Biomaterials</i> , 2017, 134, 128-142.	5.7	72
7	Modulating the phenotype of host macrophages to enhance osteogenesis in MSC-laden hydrogels: Design of a glucomannan coating material. <i>Biomaterials</i> , 2017, 139, 39-55.	5.7	68
8	Re-polarizing Myeloid-derived Suppressor Cells (MDSCs) with Cationic Polymers for Cancer Immunotherapy. <i>Scientific Reports</i> , 2016, 6, 24506.	1.6	54
9	Validating Antimetastatic Effects of Natural Products in an Engineered Microfluidic Platform Mimicking Tumor Microenvironment. <i>Molecular Pharmaceutics</i> , 2014, 11, 2022-2029.	2.3	40
10	A pocket-escaping design to prevent the common interference with near-infrared fluorescent probes in vivo. <i>Nature Communications</i> , 2020, 11, 1573.	5.8	35
11	A Naturally Derived, Growth Factor-Binding Polysaccharide for Therapeutic Angiogenesis. <i>ACS Macro Letters</i> , 2016, 5, 617-621.	2.3	32
12	Water solubility is essential for fluorescent probes to image hypochlorous acid in live cells. <i>Chemical Communications</i> , 2018, 54, 9889-9892.	2.2	30
13	Fungal Component Coating Enhances Titanium Implant-Bone Integration. <i>Advanced Functional Materials</i> , 2018, 28, 1804483.	7.8	26
14	PCL/EUG scaffolds with tunable stiffness can regulate macrophage secretion behavior. <i>Progress in Biophysics and Molecular Biology</i> , 2019, 148, 4-11.	1.4	21
15	Chameleonic Dye Adapts to Various Environments Shining on Macrocycles or Peptide and Polysaccharide Aggregates. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33220-33228.	4.0	15
16	Transforming the spleen into a liver-like organ in vivo. <i>Science Advances</i> , 2020, 6, eaaz9974.	4.7	15
17	Switching On and Off Macrophages by a "Bridge-Burning" Coating Improves Bone-Implant Integration under Osteoporosis. <i>Advanced Functional Materials</i> , 2021, 31, 2007408.	7.8	15
18	A Water-Soluble, Two-Photon Probe for Imaging Endogenous Hypochlorous Acid in Live Tissue. <i>Chemistry - A European Journal</i> , 2018, 24, 5748-5753.	1.7	12

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19	An "all-in-one" scaffold targeting macrophages to direct endogenous bone repair in situ. <i>Acta Biomaterialia</i> , 2020, 111, 153-169.	4.1	11
20	Destructing biofilms by cationic dextran through phase transition. <i>Carbohydrate Polymers</i> , 2022, 279, 118778.	5.1	6
21	Engineering a microcarrier based on a polysaccharide-growth factor complex for enhancing the proliferation of mesenchymal stem cells. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 911-918.	3.6	5
22	A Toll-like Receptor-Activating, Self-Adjuvant Glycan Nanocarrier. <i>Frontiers in Chemistry</i> , 2022, 10, 864206.	1.8	3
23	APTES-modified nanosilica – but neither APTES nor nanosilica – inhibits endothelial cell growth via arrest of cell cycle at G1 phase. <i>Journal of Biomaterials Applications</i> , 2015, 30, 608-617.	1.2	2
24	A phase-transfer catalyst-based nanoreactor for accelerated hydrogen sulfide bio-imaging. <i>Nanoscale</i> , 2021, 13, 19049-19055.	2.8	2
25	<i>Bletilla striata</i> polysaccharide cryogel scaffold for spatial control of foreign-body reaction. <i>Chinese Medicine</i> , 2021, 16, 131.	1.6	2
26	Osseointegration: Switching On and Off Macrophages by a "Bridge-Burning" Coating Improves Bone Implant Integration under Osteoporosis (<i>Adv. Funct. Mater.</i> 7/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170043.	7.8	1
27	Modulation of macrophage behavior with glucomannan polymers for cancer immunotherapy and bone regeneration. <i>Journal of Controlled Release</i> , 2017, 259, e20-e21.	4.8	0
28	Sequestering of PDGF-BB and FGF-2 with an acidic polysaccharide for in situ vascularization. <i>Journal of Controlled Release</i> , 2017, 259, e114.	4.8	0