Yiming Niu

List of Publications by Year
in descending order

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28	945	566801 15	525886 27
papers	citations	h-index	g-index

30	30	30	1627
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Destructing biofilms by cationic dextran through phase transition. Carbohydrate Polymers, 2022, 279, 118778.	5.1	6
2	A Toll-like Receptor-Activating, Self-Adjuvant Glycan Nanocarrier. Frontiers in Chemistry, 2022, 10, 864206.	1.8	3
3	Switching On and Off Macrophages by a â€œBridgeâ€Burningâ€•Coating Improves Boneâ€Implant Integration under Osteoporosis. Advanced Functional Materials, 2021, 31, 2007408.	7.8	15
4	Modulating macrophage activities to promote endogenous bone regeneration: Biological mechanisms and engineering approaches. Bioactive Materials, 2021, 6, 244-261.	8.6	100
5	Osseointegration: Switching On and Off Macrophages by a â€œBridgeâ€Burningâ€•Coating Improves Boneâ€Implant Integration under Osteoporosis (Adv. Funct. Mater. 7/2021). Advanced Functional Materials, 2021, 31, 2170043.	7.8	1
6	A phase-transfer catalyst-based nanoreactor for accelerated hydrogen sulfide bio-imaging. Nanoscale, 2021, 13, 19049-19055.	2.8	2
7	Bletilla striata polysaccharide cryogel scaffold for spatial control of foreign-body reaction. Chinese Medicine, 2021, 16, 131.	1.6	2
8	Engineering a microcarrier based on a polysaccharide-growth factor complex for enhancing the proliferation of mesenchymal stem cells. International Journal of Biological Macromolecules, 2020, 155, 911-918.	3.6	5
9	Transforming the spleen into a liver-like organ in vivo. Science Advances, 2020, 6, eaaz9974.	4.7	15
10	A pocket-escaping design to prevent the common interference with near-infrared fluorescent probes in vivo. Nature Communications, 2020, 11, 1573.	5.8	35
11	An â€œall-in-oneâ€•scaffold targeting macrophages to direct endogenous bone repair in situ. Acta Biomaterialia, 2020, 111, 153-169.	4.1	11
12	Engineered delivery strategies for enhanced control of growth factor activities in wound healing. Advanced Drug Delivery Reviews, 2019, 146, 190-208.	6.6	93
13	PCL/EUG scaffolds with tunable stiffness can regulate macrophage secretion behavior. Progress in Biophysics and Molecular Biology, 2019, 148, 4-11.	1.4	21
14	A Waterâ€Soluble, Twoâ€Photon Probe for Imaging Endogenous Hypochlorous Acid in Live Tissue. Chemistry - A European Journal, 2018, 24, 5748-5753.	1.7	12
15	Fungal Component Coating Enhances Titanium Implantâ€Bone Integration. Advanced Functional Materials, 2018, 28, 1804483.	7.8	26
16	Water solubility is essential for fluorescent probes to image hypochlorous acid in live cells. Chemical Communications, 2018, 54, 9889-9892.	2.2	30
17	Bioactive polysaccharides from natural resources including Chinese medicinal herbs on tissue repair. Chinese Medicine, 2018, 13, 7.	1.6	80
18	A macrophage-activating, injectable hydrogel to sequester endogenous growth factors for in situ angiogenesis. Biomaterials, 2017, 134, 128-142.	5.7	72

#	Article	IF	Citations
19	Modulating the phenotype of host macrophages to enhance osteogenesis in MSC-laden hydrogels: Design of a glucomannan coating material. Biomaterials, 2017, 139, 39-55.	5.7	68
20	In situ sequestration of endogenous PDGF-BB with an ECM-mimetic sponge for accelerated wound healing. Biomaterials, 2017, 148, 54-68.	5.7	74
21	Chameleonic Dye Adapts to Various Environments Shining on Macrocycles or Peptide and Polysaccharide Aggregates. ACS Applied Materials & Interfaces, 2017, 9, 33220-33228.	4.0	15
22	Modulation of macrophage behavior with glucomannan polymers for cancer immunotherapy and bone regeneration. Journal of Controlled Release, 2017, 259, e20-e21.	4.8	0
23	Sequestering of PDGF-BB and FGF-2 with an acidic polysaccharide for in situ vascularization. Journal of Controlled Release, 2017, 259, e114.	4.8	0
24	Re-polarizing Myeloid-derived Suppressor Cells (MDSCs) with Cationic Polymers for Cancer Immunotherapy. Scientific Reports, 2016, 6, 24506.	1.6	54
25	A Naturally Derived, Growth Factor-Binding Polysaccharide for Therapeutic Angiogenesis. ACS Macro Letters, 2016, 5, 617-621.	2.3	32
26	APTES-modified nanosilica -- but neither APTES nor nanosilica -- inhibits endothelial cell growth via arrest of cell cycle at G1 phase. Journal of Biomaterials Applications, 2015, 30, 608-617.	1.2	2
27	Validating Antimetastatic Effects of Natural Products in an Engineered Microfluidic Platform Mimicking Tumor Microenvironment. Molecular Pharmaceutics, 2014, 11, 2022-2029.	2.3	40
28	Targeted depletion of tumour-associated macrophages by an alendronateâ€“glucomannan conjugate for cancer immunotherapy. Biomaterials, 2014, 35, 10046-10057.	5.7	130