Pengfei Li

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Multifunctional and Recyclable Photothermally Responsive Cryogels as Efficient Platforms for Wound Healing. Advanced Functional Materials, 2019, 29, 1904402.	14.9	227
2	Mussel-Inspired Electroactive and Antioxidative Scaffolds with Incorporation of Polydopamine-Reduced Graphene Oxide for Enhancing Skin Wound Healing. ACS Applied Materials & Interfaces, 2019, 11, 7703-7714.	8.0	172
3	A strong, tough, and osteoconductive hydroxyapatite mineralized polyacrylamide/dextran hydrogel for bone tissue regeneration. Acta Biomaterialia, 2019, 88, 503-513.	8.3	143
4	Mussel-inspired cryogels for promoting wound regeneration through photobiostimulation, modulating inflammatory responses and suppressing bacterial invasion. Nanoscale, 2019, 11, 15846-15861.	5.6	98
5	A Musselâ€Inspired Persistent ROSâ€Scavenging, Electroactive, and Osteoinductive Scaffold Based on Electrochemicalâ€Driven In Situ Nanoassembly. Small, 2019, 15, e1805440.	10.0	95
6	Electroresponsive and cell-affinitive polydopamine/polypyrrole composite microcapsules with a dual-function of on-demand drug delivery and cell stimulation for electrical therapy. NPG Asia Materials, 2017, 9, e358-e358.	7.9	75
7	A resilient and flexible chitosan/silk cryogel incorporated Ag/Sr co-doped nanoscale hydroxyapatite for osteoinductivity and antibacterial properties. Journal of Materials Chemistry B, 2018, 6, 7427-7438.	5.8	56
8	One-pot, self-catalyzed synthesis of self-adherent hydrogels for photo-thermal, antimicrobial wound treatment. Journal of Materials Chemistry B, 2021, 9, 159-169.	5.8	52
9	Experimental and simulation studies of strontium/fluoride-codoped hydroxyapatite nanoparticles with osteogenic and antibacterial activities. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110359.	5.0	43
10	Mussel-inspired nanostructured coatings assembled using polydopamine nanoparticles and hydroxyapatite nanorods for biomedical applications. Biosurface and Biotribology, 2017, 3, 1-10.	1.5	21
11	Surface charge-convertible quaternary ammonium salt-based micelles for in vivo infection therapy. Chinese Chemical Letters, 2021, 32, 1743-1746.	9.0	19
12	Cu2+-doping of polyanionic brushes: A facile route to prepare implant coatings with both antifouling and antibacterial properties. European Polymer Journal, 2020, 134, 109845.	5.4	17
13	The interaction of chitosan and BMPâ€2 tuned by deacetylation degree and pH value. Journal of Biomedical Materials Research - Part A, 2019, 107, 769-779.	4.0	16
14	Enhanced Stability of Poly(3-sulfopropyl methacrylate potassium) Brushes Coated on Artificial Implants in Combatting Bacterial Infections. Industrial & Engineering Chemistry Research, 2019, 58, 21459-21465.	3.7	15
15	Mussel-inspired nano-building block assemblies for mimicking extracellular matrix microenvironments with multiple functions. Biofabrication, 2017, 9, 035005.	7.1	13
16	Hydrogen-bond super-amphiphile based drug delivery system: design, synthesis, and biological evaluation. RSC Advances, 2022, 12, 6076-6082.	3.6	2