

Pengfei Li

List of Publications by Year in descending order

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16
papers

1,064
citations

623188

14
h-index

940134

16
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16
docs citations

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times ranked

1496
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional and Recyclable Photothermally Responsive Cryogels as Efficient Platforms for Wound Healing. <i>Advanced Functional Materials</i> , 2019, 29, 1904402.	7.8	227
2	Mussel-Inspired Electroactive and Antioxidative Scaffolds with Incorporation of Polydopamine-Reduced Graphene Oxide for Enhancing Skin Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7703-7714.	4.0	172
3	A strong, tough, and osteoconductive hydroxyapatite mineralized polyacrylamide/dextran hydrogel for bone tissue regeneration. <i>Acta Biomaterialia</i> , 2019, 88, 503-513.	4.1	143
4	Mussel-inspired cryogels for promoting wound regeneration through photobiostimulation, modulating inflammatory responses and suppressing bacterial invasion. <i>Nanoscale</i> , 2019, 11, 15846-15861.	2.8	98
5	A Mussel-Inspired Persistent ROS-Scavenging, Electroactive, and Osteoinductive Scaffold Based on Electrochemical-Driven In Situ Nanoassembly. <i>Small</i> , 2019, 15, e1805440.	5.2	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. <i>NPG Asia Materials</i> , 2017, 9, e358-e358.	3.8	75
7	A resilient and flexible chitosan/silk cryogel incorporated Ag/Sr co-doped nanoscale hydroxyapatite for osteoinductivity and antibacterial properties. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7427-7438.	2.9	56
8	One-pot, self-catalyzed synthesis of self-adherent hydrogels for photo-thermal, antimicrobial wound treatment. <i>Journal of Materials Chemistry B</i> , 2021, 9, 159-169.	2.9	52
9	Experimental and simulation studies of strontium/fluoride-codoped hydroxyapatite nanoparticles with osteogenic and antibacterial activities. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110359.	2.5	43
10	Mussel-inspired nanostructured coatings assembled using polydopamine nanoparticles and hydroxyapatite nanorods for biomedical applications. <i>Biosurface and Biotribology</i> , 2017, 3, 1-10.	0.6	21
11	Surface charge-convertible quaternary ammonium salt-based micelles for in vivo infection therapy. <i>Chinese Chemical Letters</i> , 2021, 32, 1743-1746.	4.8	19
12	Cu ²⁺ -doping of polyanionic brushes: A facile route to prepare implant coatings with both antifouling and antibacterial properties. <i>European Polymer Journal</i> , 2020, 134, 109845.	2.6	17
13	The interaction of chitosan and BMP-2 tuned by deacetylation degree and pH value. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 769-779.	2.1	16
14	Enhanced Stability of Poly(3-sulfopropyl methacrylate potassium) Brushes Coated on Artificial Implants in Combatting Bacterial Infections. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21459-21465.	1.8	15
15	Mussel-inspired nano-building block assemblies for mimicking extracellular matrix microenvironments with multiple functions. <i>Biofabrication</i> , 2017, 9, 035005.	3.7	13
16	Hydrogen-bond super-amphiphile based drug delivery system: design, synthesis, and biological evaluation. <i>RSC Advances</i> , 2022, 12, 6076-6082.	1.7	2