Zhou Ye

List of Publications by Year
in descending order

25 papers	644 citations	516710 16 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	783 citing authors

#	Article	IF	Citations
1	Bioinspired Mineralization with Hydroxyapatite and Hierarchical Naturally Aligned Nanofibrillar Cellulose. ACS Applied Materials & Interfaces, 2019, 11, 27598-27604.	8.0	67
2	Self-assembly dynamics and antimicrobial activity of all <scp>l</scp>- and <scp>d</scp>-amino acid enantiomers of a designer peptide. Nanoscale, 2019, 11, 266-275.	5.6	65
3	Effects of Molecular Weight and Concentration of Poly(Acrylic Acid) on Biomimetic Mineralization of Collagen. ACS Biomaterials Science and Engineering, 2018, 4, 2758-2766.	5.2	57
4	Dual Oral Tissue Adhesive Nanofiber Membranes for pH-Responsive Delivery of Antimicrobial Peptides. Biomacromolecules, 2020, 21, 4945-4961.	5.4	42
5	Hybrid nanocoatings of self-assembled organic-inorganic amphiphiles for prevention of implant infections. Acta Biomaterialia, 2022, 140, 338-349.	8.3	42
6	Bone-Inspired Mineralization with Highly Aligned Cellulose Nanofibers as Template. ACS Applied Materials & Interfaces, 2019, 11, 42486-42495.	8.0	41
7	Glucose-Fueled Peptide Assembly: Glucagon Delivery via Enzymatic Actuation. Journal of the American Chemical Society, 2021, 143, 12578-12589.	13.7	36
8	Biomimetic mineralized hybrid scaffolds with antimicrobial peptides. Bioactive Materials, 2021, 6, 2250-2260.	15.6	36
9	Cancer Protrusions on a Tightrope: Nanofiber Curvature Contrast Quantitates Single Protrusion Dynamics. ACS Nano, 2017, 11, 12037-12048.	14.6	34
10	Dentin Priming with Amphipathic Antimicrobial Peptides. Journal of Dental Research, 2019, 98, 1112-1121.	5.2	33
11	Modulation of supramolecular self-assembly of an antimicrobial designer peptide by single amino acid substitution: implications on peptide activity. Nanoscale Advances, 2019, 1, 4679-4682.	4.6	24
12	Present status and future directions of intracanal medicaments. International Endodontic Journal, 2022, 55, 613-636.	5.0	21
13	Unraveling dominant surface physicochemistry to build antimicrobial peptide coatings with supramolecular amphiphiles. Nanoscale, 2020, 12, 20767-20775.	5.6	18
14	Biomimetic fabrication and characterization of collagen/strontium hydroxyapatite nanocomposite. Materials Letters, 2020, 274, 127982.	2.6	18
15	Effect of electrode sub-micron surface feature size on current generation of Shewanella oneidensis in microbial fuel cells. Journal of Power Sources, 2017, 347, 270-276.	7.8	17
16	Dual Self-Assembled Nanostructures from Intrinsically Disordered Protein Polymers with LCST Behavior and Antimicrobial Peptides. Biomacromolecules, 2020, 21, 4043-4052.	5.4	17
17	Male mice with elevated C-type natriuretic peptide-dependent guanylyl cyclase-B activity have increased osteoblasts, bone mass and bone strength. Bone, 2020, 135, 115320.	2.9	17
18	Physical-chemical interactions between dental materials surface, salivary pellicle and Streptococcus gordonii. Colloids and Surfaces B: Biointerfaces, 2020, 190, 110938.	5.0	16

#	Article	IF	Citations
19	Energy Landscapes of Supramolecular Peptideâ€“Drug Conjugates Directed by Linker Selection and Drug Topology. ACS Nano, 2022, 16, 9546-9558.	14.6	9
20	Design of Nanofiber Coatings for Mitigation of Microbial Adhesion: Modeling and Application to Medical Catheters. ACS Applied Materials & Interfaces, 2018, 10, 15477-15486.	8.0	8
21	Interactions of two enantiomers of a designer antimicrobial peptide with structural components of the bacterial cell envelope. Journal of Peptide Science, 2022, 28, e3299.	1.4	8
22	Tapping basement membrane motifs: Oral junctional epithelium for surface-mediated soft tissue attachment to prevent failure of percutaneous devices. Acta Biomaterialia, 2022, 141, 70-88.	8.3	8
23	Spun-wrapped aligned nanofiber (SWAN) lithography for fabrication of micro/nano-structures on 3D objects. Nanoscale, 2016, 8, 12780-12786.	5.6	7
24	Cell responses to titanium and titanium alloys. , 2020, , 423-452.		2
25	Effect of Anode Surface Roughness on Power Generation in Microbial Fuel Cells. , 2012, , .		1