

Dandan Pei

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

629
citations

759233

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h-index

677142

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22
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	Green Tea Derivative Driven Smart Hydrogels with Desired Functions for Chronic Diabetic Wound Treatment. <i>Advanced Functional Materials</i> , 2021, 31, 2009442.	14.9	202
2	Injectable hydrogels with high drug loading through Bâ€“N coordination and ROS-triggered drug release for efficient treatment of chronic periodontitis in diabetic rats. <i>Biomaterials</i> , 2022, 282, 121387.	11.4	62
3	Ultralong Organic Phosphorescent Nanocrystals with Long-Lived Triplet Excited States for Afterglow Imaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18385-18394.	8.0	57
4	Poly(selenoviologen)-Assembled Upconversion Nanoparticles for Low-Power Single-NIR Light-Triggered Synergistic Photodynamic and Photothermal Antibacterial Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26432-26443.	8.0	46
5	The promotion function of Berberine for osteogenic differentiation of human periodontal ligament stem cells via ERK-FOS pathway mediated by EGFR. <i>Scientific Reports</i> , 2018, 8, 2848.	3.3	28
6	The therapeutic role of baicalein in combating experimental periodontitis with diabetes via Nrf2 antioxidant signaling pathway. <i>Journal of Periodontal Research</i> , 2020, 55, 381-391.	2.7	28
7	Influence of nano-hydroxyapatite containing desensitizing toothpastes on the sealing ability of dentinal tubules and bonding performance of self-etch adhesives. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 91, 38-44.	3.1	25
8	Antiâ€“sandwich Structured Photoâ€“Electronic Wound Dressing for Highly Efficient Bacterial Infection Therapy. <i>Small</i> , 2021, 17, e2101858.	10.0	22
9	Expression of Pannexin3 in human odontoblast-like cells and its hemichannel function in mediating ATP release. <i>Archives of Oral Biology</i> , 2015, 60, 1510-1516.	1.8	19
10	AIE-active 9,10-azaboraphenanthrene-containing viologens for reversible electrochromic and electrofluorochromic applications. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4128-4137.	5.9	18
11	Enhanced Osseointegration by the Hierarchical Micro-Nano Topography on Selective Laser Melting Ti-6Al-4V Dental Implants. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 621601.	4.1	18
12	Cyclic compression emerged dual effects on the osteogenic and osteoclastic status of LPS-induced inflammatory human periodontal ligament cells according to loading force. <i>BMC Oral Health</i> , 2020, 20, 7.	2.3	15
13	Influence of epigallocatechin-3-gallate in promoting proliferation and osteogenic differentiation of human periodontal ligament cells. <i>BMC Oral Health</i> , 2019, 19, 73.	2.3	13
14	Tunable ultralong organic phosphorescence modulated by main-group elements with different Lewis acidity and basicity. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14740-14747.	5.5	13
15	Combination of Polydopamine Coating and Plasma Pretreatment to Improve Bond Ability Between PEEK and Primary Teeth. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 630094.	4.1	13
16	Remodeling of aligned fibrous extracellular matrix by encapsulated cells under mechanical stretching. <i>Acta Biomaterialia</i> , 2020, 112, 202-212.	8.3	12
17	Does Probiotic <i>Lactobacillus</i> Have an Adjunctive Effect in the Nonsurgical Treatment of Peri-Implant Diseases? A Systematic Review and Meta-analysis. <i>Journal of Evidence-based Dental Practice</i> , 2020, 20, 101398.	1.5	12
18	Clinical effectiveness of adjunctive diode laser on scaling and root planing in the treatment of periodontitis: is there an optimal combination of usage mode and application regimen? A systematic review and meta-analysis. <i>Lasers in Medical Science</i> , 2022, 37, 759-769.	2.1	7

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19	Multimedia patient education to assist oral impression taking during dental treatment: A pilot study. <i>International Journal of Medical Informatics</i> , 2017, 102, 150-155.	3.3	6
20	Chronic Diabetic Wound Treatment: Green Tea Derivative Driven Smart Hydrogels with Desired Functions for Chronic Diabetic Wound Treatment (<i>Adv. Funct. Mater.</i> 18/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170127.	14.9	6
21	Bonding Performance of Universal Adhesives Applied to Nano-Hydroxyapatite Desensitized Dentin Using Etch-and-Rinse or Self-Etch Mode. <i>Materials</i> , 2021, 14, 4746.	2.9	4
22	PINK1 mediated mitophagy attenuates early apoptosis of gingival epithelial cells induced by high glucose. <i>BMC Oral Health</i> , 2022, 22, 144.	2.3	3