

Yuping Li

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,235
citations

516561

16
h-index

454834

30
g-index

31
all docs

31
docs citations

31
times ranked

2055
citing authors

#	ARTICLE	IF	CITATIONS
1	pH effects on collagen fibrillogenesis in vitro: Electrostatic interactions and phosphate binding. <i>Materials Science and Engineering C</i> , 2009, 29, 1643-1649.	3.8	204
2	Bio-inspired stable antimicrobial peptide coatings for dental applications. <i>Acta Biomaterialia</i> , 2013, 9, 8224-8231.	4.1	171
3	Biomimetic Mineralization of Woven Bone-Like Nanocomposites: Role of Collagen Cross-Links. <i>Biomacromolecules</i> , 2012, 13, 49-59.	2.6	117
4	Antimicrobial GL13K Peptide Coatings Killed and Ruptured the Wall of <i>Streptococcus gordonii</i> and Prevented Formation and Growth of Biofilms. <i>PLoS ONE</i> , 2014, 9, e111579.	1.1	86
5	The use of micro-CT with image segmentation to quantify leakage in dental restorations. <i>Dental Materials</i> , 2015, 31, 382-390.	1.6	74
6	Biomimetic mineralization of collagen via an enzyme-aided PILP process. <i>Journal of Crystal Growth</i> , 2010, 312, 1249-1256.	0.7	61
7	Effects of various salts on structural polymorphism of reconstituted type I collagen fibrils. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 112, 42-50.	2.5	56
8	Synthesis and characterization of temperature responsive graft copolymers of dextran with poly(N-isopropylacrylamide). <i>Reactive and Functional Polymers</i> , 2002, 53, 19-27.	2.0	50
9	Chitosan-Recombinamer Layer-by-Layer Coatings for Multifunctional Implants. <i>International Journal of Molecular Sciences</i> , 2017, 18, 369.	1.8	47
10	Discerning the Subfibrillar Structure of Mineralized Collagen Fibrils: A Model for the Ultrastructure of Bone. <i>PLoS ONE</i> , 2013, 8, e76782.	1.1	45
11	Biomimetic Mineralization of Recombinamer-Based Hydrogels toward Controlled Morphologies and High Mineral Density. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25784-25792.	4.0	37
12	Intrafibrillar Mineralization of Self-Assembled Elastin-Like Recombinamer Fibrils. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5838-5846.	4.0	31
13	Hybrid Nanotopographical Surfaces Obtained by Biomimetic Mineralization of Statherin-Inspired Elastin-Like Recombinamers. <i>Advanced Healthcare Materials</i> , 2014, 3, 1638-1647.	3.9	29
14	Real-time imaging of anti-biofilm effects using CP-OCT. <i>Biotechnology and Bioengineering</i> , 2016, 113, 198-205.	1.7	28
15	Influence of dental resin material composition on cross-polarization-optical coherence tomography imaging. <i>Journal of Biomedical Optics</i> , 2012, 17, 1060021.	1.4	25
16	Development of tantalum scaffold for orthopedic applications produced by space-holder method. <i>Materials and Design</i> , 2015, 83, 112-119.	3.3	25
17	Interfacial degradation of adhesive composite restorations mediated by oral biofilms and mechanical challenge in an extracted tooth model of secondary caries. <i>Journal of Dentistry</i> , 2017, 66, 62-70.	1.7	18
18	Dentin-composite bond strength measurement using the Brazilian disk test. <i>Journal of Dentistry</i> , 2016, 52, 37-44.	1.7	16

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19	Fatigue failure of dentin-composite disks subjected to cyclic diametral compression. Dental Materials, 2015, 31, 778-788.	1.6	14
20	Determining the temporal development of dentin-composite bond strength during curing. Dental Materials, 2016, 32, 1007-1018.	1.6	14
21	Accelerated fatigue testing of dentin-composite bond with continuously increasing load. Dental Materials, 2017, 33, 681-689.	1.6	14
22	Calibration of a lactic-acid model for simulating biofilm-induced degradation of the dentin-composite interface. Dental Materials, 2017, 33, 1315-1323.	1.6	13
23	Influence of curing modes on the degree of conversion and mechanical parameters of dual-cured luting agents. Journal of Prosthodontic Research, 2020, 64, 137-144.	1.1	10
24	Biofunctional Coatings for Dental Implants. Biological and Medical Physics Series, 2013, , 105-143.	0.3	9
25	Use of a continual sweep motion to compare air polishing devices, powders and exposure time on unexposed root cementum. Odontology / the Society of the Nippon Dental University, 2017, 105, 311-319.	0.9	9
26	Comparison between two post-dentin bond strength measurement methods. Scientific Reports, 2018, 8, 2350.	1.6	8
27	Synthesis and Characterization of High-Purity Mesoporous Alumina with Excellent Adsorption Capacity for Congo Red. Materials, 2022, 15, 970.	1.3	8
28	Directed collagen patterning on gold-coated silicon substrates via micro-contact printing. Materials Science and Engineering C, 2009, 29, 2365-2369.	3.8	7
29	Title is missing!. Journal of Materials Science Letters, 2002, 21, 1453-1455.	0.5	5
30	Development of a 3D matrix for modeling mammalian spinal cord injury in vitro. Neural Regeneration Research, 2016, 11, 1810.	1.6	4
31	Preparation of High-Purity Mesoporous Alumina Material with Industrial Al(OH) ₃ via Ion Exchange. Transactions of the Indian Institute of Metals, 2022, 75, 771-781.	0.7	0