

# Xuedong Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

280  
papers

10,917  
citations

50170

46  
h-index

53109

85  
g-index

285  
all docs

285  
docs citations

285  
times ranked

13875  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmission routes of 2019-nCoV and controls in dental practice. <i>International Journal of Oral Science</i> , 2020, 12, 9.	3.6	1,489
2	Parathyroid Hormone Directs Bone Marrow Mesenchymal Cell Fate. <i>Cell Metabolism</i> , 2017, 25, 661-672.	7.2	308
3	Saliva: potential diagnostic value and transmission of 2019-nCoV. <i>International Journal of Oral Science</i> , 2020, 12, 11.	3.6	284
4	Calcium phosphate cements for bone engineering and their biological properties. <i>Bone Research</i> , 2017, 5, 17056.	5.4	277
5	Bone tissue engineering via nanostructured calcium phosphate biomaterials and stem cells. <i>Bone Research</i> , 2014, 2, 14017.	5.4	274
6	Oral cavity contains distinct niches with dynamic microbial communities. <i>Environmental Microbiology</i> , 2015, 17, 699-710.	1.8	271
7	Mettl3-mediated m6A RNA methylation regulates the fate of bone marrow mesenchymal stem cells and osteoporosis. <i>Nature Communications</i> , 2018, 9, 4772.	5.8	265
8	Transforming growth factor- $\beta$ 2 in stem cells and tissue homeostasis. <i>Bone Research</i> , 2018, 6, 2.	5.4	262
9	Phylogenetic and functional gene structure shifts of the oral microbiomes in periodontitis patients. <i>ISME Journal</i> , 2014, 8, 1879-1891.	4.4	157
10	Oral microbiota in human systematic diseases. <i>International Journal of Oral Science</i> , 2022, 14, 14.	3.6	137
11	Saliva is a non-negligible factor in the spread of COVID-19. <i>Molecular Oral Microbiology</i> , 2020, 35, 141-145.	1.3	136
12	The Role of Reactive Oxygen Species and Autophagy in Periodontitis and Their Potential Linkage. <i>Frontiers in Physiology</i> , 2017, 8, 439.	1.3	123
13	Intestinal microbiota: a potential target for the treatment of postmenopausal osteoporosis. <i>Bone Research</i> , 2017, 5, 17046.	5.4	121
14	Molecule Targeting Glucosyltransferase Inhibits <i>Streptococcus mutans</i> Biofilm Formation and Virulence. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 126-135.	1.4	117
15	Common dental diseases in children and malocclusion. <i>International Journal of Oral Science</i> , 2018, 10, 7.	3.6	107
16	Antibacterial activity and ion release of bonding agent containing amorphous calcium phosphate nanoparticles. <i>Dental Materials</i> , 2014, 30, 891-901.	1.6	106
17	<sc>L-Arginine Modifies the Exopolysaccharide Matrix and Thwarts <i>Streptococcus mutans</i> Outgrowth within Mixed-Species Oral Biofilms. <i>Journal of Bacteriology</i> , 2016, 198, 2651-2661.	1.0	99
18	Preliminary analysis of salivary microbiome and their potential roles in oral lichen planus. <i>Scientific Reports</i> , 2016, 6, 22943.	1.6	99

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19	Reactive Oxygen Species in Pathogen Clearance: The Killing Mechanisms, the Adaption Response, and the Side Effects. <i>Frontiers in Microbiology</i> , 2020, 11, 622534.	1.5	97
20	Overexpression of MiR-335-5p Promotes Bone Formation and Regeneration in Mice. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 2466-2475.	3.1	92
21	Substrate elasticity regulates adipose-derived stromal cell differentiation towards osteogenesis and adipogenesis through $\beta$ -catenin transduction. <i>Acta Biomaterialia</i> , 2018, 79, 83-95.	4.1	86
22	Development and status of resin composite as dental restorative materials. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48180.	1.3	81
23	Oral health in China: from vision to action. <i>International Journal of Oral Science</i> , 2018, 10, 1.	3.6	74
24	Regulation of oxidative response and extracellular polysaccharide synthesis by a diadenylate cyclase in <i>Streptococcus mutans</i> . <i>Environmental Microbiology</i> , 2016, 18, 904-922.	1.8	72
25	Expert consensus on dental caries management. <i>International Journal of Oral Science</i> , 2022, 14, 17.	3.6	71
26	<i>Candida albicans</i> promotes tooth decay by inducing oral microbial dysbiosis. <i>ISME Journal</i> , 2021, 15, 894-908.	4.4	67
27	Antimicrobial peptide GH12 suppresses cariogenic virulence factors of <i>Streptococcus mutans</i> . <i>Journal of Oral Microbiology</i> , 2018, 10, 1442089.	1.2	66
28	Oral Microbiota Distinguishes Acute Lymphoblastic Leukemia Pediatric Hosts from Healthy Populations. <i>PLoS ONE</i> , 2014, 9, e102116.	1.1	61
29	Anterior Cruciate Ligament Transection-Induced Cellular and Extracellular Events in Menisci: Implications for Osteoarthritis. <i>American Journal of Sports Medicine</i> , 2018, 46, 1185-1198.	1.9	61
30	Dental Follicle Cells: Roles in Development and Beyond. <i>Stem Cells International</i> , 2019, 2019, 1-17.	1.2	60
31	Parathyroid hormone 1 receptor is essential to induce FGF23 production and maintain systemic mineral ion homeostasis. <i>FASEB Journal</i> , 2016, 30, 428-440.	0.2	59
32	Evaluation of Recombinant Human FGF-2 and PDGF-BB in Periodontal Regeneration: A Systematic Review and Meta-Analysis. <i>Scientific Reports</i> , 2017, 7, 65.	1.6	59
33	Ciliary parathyroid hormone signaling activates transforming growth factor- $\beta$ 2 to maintain intervertebral disc homeostasis during aging. <i>Bone Research</i> , 2018, 6, 21.	5.4	59
34	Do quaternary ammonium monomers induce drug resistance in cariogenic, endodontic and periodontal bacterial species?. <i>Dental Materials</i> , 2017, 33, 1127-1138.	1.6	58
35	Potential implications of SARS-CoV-2 oral infection in the host microbiota. <i>Journal of Oral Microbiology</i> , 2021, 13, 1853451.	1.2	58
36	De novo synthetic short antimicrobial peptides against cariogenic bacteria. <i>Archives of Oral Biology</i> , 2017, 80, 41-50.	0.8	57

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37	The Impact of Smoking on Subgingival Microflora: From Periodontal Health to Disease. <i>Frontiers in Microbiology</i> , 2020, 11, 66.	1.5	57
38	Faecal microbiota transplantation from metabolically compromised human donors accelerates osteoarthritis in mice. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 646-656.	0.5	55
39	Inhibition of <i>Streptococcus mutans</i> biofilm formation by strategies targeting the metabolism of exopolysaccharides. <i>Critical Reviews in Microbiology</i> , 2021, 47, 667-677.	2.7	55
40	Salivary mycobiome dysbiosis and its potential impact on bacteriome shifts and host immunity in oral lichen planus. <i>International Journal of Oral Science</i> , 2019, 11, 13.	3.6	54
41	Minimal invasive microscopic tooth preparation in esthetic restoration: a specialist consensus. <i>International Journal of Oral Science</i> , 2019, 11, 31.	3.6	54
42	Novel dental composite with capability to suppress cariogenic species and promote non-cariogenic species in oral biofilms. <i>Materials Science and Engineering C</i> , 2019, 94, 587-596.	3.8	54
43	Parenchymal and stromal tissue regeneration of tooth organ by pivotal signals reinstated in decellularized matrix. <i>Nature Materials</i> , 2019, 18, 627-637.	13.3	53
44	Dental remineralization via poly(amido amine) and restorative materials containing calcium phosphate nanoparticles. <i>International Journal of Oral Science</i> , 2019, 11, 15.	3.6	52
45	EZH2, a Potential Regulator of Dental Pulp Inflammation and Regeneration. <i>Journal of Endodontics</i> , 2014, 40, 1132-1138.	1.4	51
46	Ecological Shifts of Supragingival Microbiota in Association with Pregnancy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 24.	1.8	51
47	The microbiota-gut-bone axis and bone health. <i>Journal of Leukocyte Biology</i> , 2021, 110, 525-537.	1.5	51
48	The Use of Quaternary Ammonium to Combat Dental Caries. <i>Materials</i> , 2015, 8, 3532-3549.	1.3	50
49	Salivary protease spectrum biomarkers of oral cancer. <i>International Journal of Oral Science</i> , 2019, 11, 7.	3.6	49
50	Potential of an amelogenin based peptide in promoting remineralization of initial enamel caries. <i>Archives of Oral Biology</i> , 2015, 60, 1482-1487.	0.8	48
51	Inhibition of <i>Streptococcus mutans</i> biofilm formation, extracellular polysaccharide production, and virulence by an oxazole derivative. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 857-867.	1.7	48
52	Two-staged time-dependent materials for the prevention of implant-related infections. <i>Acta Biomaterialia</i> , 2020, 101, 128-140.	4.1	48
53	Heterotopic ossification: Mechanistic insights and clinical challenges. <i>Bone</i> , 2018, 109, 134-142.	1.4	47
54	Bivalent Histone Modifications and Development. <i>Current Stem Cell Research and Therapy</i> , 2018, 13, 83-90.	0.6	47

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55	Regenerative Endodontics for Adult Patients. <i>Journal of Endodontics</i> , 2017, 43, S57-S64.	1.4	46
56	Ecological Effect of Arginine on Oral Microbiota. <i>Scientific Reports</i> , 2017, 7, 7206.	1.6	46
57	Interrelated role of Klotho and calcium-sensing receptor in parathyroid hormone synthesis and parathyroid hyperplasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3749-E3758.	3.3	46
58	Deletion of cas3 gene in <i>Streptococcus mutans</i> affects biofilm formation and increases fluoride sensitivity. <i>Archives of Oral Biology</i> , 2019, 99, 190-197.	0.8	46
59	Remineralization of Demineralized Dentin Induced by Amine-terminated PAMAM Dendrimer. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 107-117.	1.7	44
60	Effect of audiovisual distraction on the management of dental anxiety in children: A systematic review. <i>International Journal of Paediatric Dentistry</i> , 2019, 29, 14-21.	1.0	44
61	Occurrence of Dentinal Microcracks in Severely Curved Root Canals with ProTaper Universal, WaveOne, and ProTaper Next File Systems. <i>Journal of Endodontics</i> , 2015, 41, 1875-1879.	1.4	42
62	Evaluation of Chitosan Hydrogel for Sustained Delivery of VEGF for Odontogenic Differentiation of Dental Pulp Stem Cells. <i>Stem Cells International</i> , 2019, 2019, 1-14.	1.2	41
63	Targeting tumor-associated macrophages in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2020, 106, 104723.	0.8	41
64	A Comparative Study on Root Canal Repair Materials: A Cytocompatibility Assessment in L929 and MG63 Cells. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	0.8	40
65	Anti-Caries Effects of Dental Adhesives Containing Quaternary Ammonium Methacrylates with Different Chain Lengths. <i>Materials</i> , 2017, 10, 643.	1.3	40
66	The anti-caries effects of dental adhesive resin influenced by the position of functional groups in quaternary ammonium monomers. <i>Dental Materials</i> , 2018, 34, 400-411.	1.6	40
67	Gingival solitary chemosensory cells are immune sentinels for periodontitis. <i>Nature Communications</i> , 2019, 10, 4496.	5.8	40
68	Sucrose promotes caries progression by disrupting the microecological balance in oral biofilms: an in vitro study. <i>Scientific Reports</i> , 2020, 10, 2961.	1.6	40
69	ANGPTL4-Mediated Promotion of Glycolysis Facilitates the Colonization of <i>Fusobacterium nucleatum</i> in Colorectal Cancer. <i>Cancer Research</i> , 2021, 81, 6157-6170.	0.4	40
70	Genome editing in <i>Streptococcus mutans</i> through self-targeting CRISPR arrays. <i>Molecular Oral Microbiology</i> , 2018, 33, 440-449.	1.3	39
71	New small-molecule inhibitors of dihydrofolate reductase inhibit <i>Streptococcus mutans</i> . <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 174-182.	1.1	38
72	Poly (amido amine) and nano-calcium phosphate bonding agent to remineralize tooth dentin in cyclic artificial saliva/lactic acid. <i>Materials Science and Engineering C</i> , 2017, 72, 7-17.	3.8	38

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73	Epiregulin enhances odontoblastic differentiation of dental pulp stem cells via activating MAPK signalling pathway. <i>Cell Proliferation</i> , 2019, 52, e12680.	2.4	38
74	Relationships Between Oral Microecosystem and Respiratory Diseases. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 718222.	1.6	38
75	Comparative salivary proteomics analysis of children with and without dental caries using the iTRAQ/MRM approach. <i>Journal of Translational Medicine</i> , 2018, 16, 11.	1.8	37
76	Effect of Antimicrobial Denture Base Resin on Multi-Species Biofilm Formation. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1033.	1.8	35
77	Mesenchymal Stem Cells for Cartilage Regeneration of TMJ Osteoarthritis. <i>Stem Cells International</i> , 2017, 2017, 1-11.	1.2	35
78	Lovastatin synergizes with itraconazole against planktonic cells and biofilms of <i>Candida albicans</i> through the regulation on ergosterol biosynthesis pathway. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5255-5264.	1.7	35
79	Plasticity of the Pyruvate Node Modulates Hydrogen Peroxide Production and Acid Tolerance in Multiple Oral Streptococci. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	35
80	Effects of Antimicrobial Peptide GH12 on the Cariogenic Properties and Composition of a Cariogenic Multispecies Biofilm. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	35
81	Dentin remineralization via adhesive containing amorphous calcium phosphate nanoparticles in a biofilm-challenged environment. <i>Journal of Dentistry</i> , 2019, 89, 103193.	1.7	35
82	HGF Enhanced Proliferation and Differentiation of Dental Pulp Cells. <i>Journal of Endodontics</i> , 2006, 32, 736-741.	1.4	34
83	Aberrant Activation of TGF- $\beta$ 2 in Subchondral Bone at the Onset of Rheumatoid Arthritis Joint Destruction. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 2033-2043.	3.1	34
84	ERG3 and ERG11 genes are critical for the pathogenesis of <i>Candida albicans</i> during the oral mucosal infection. <i>International Journal of Oral Science</i> , 2018, 10, 9.	3.6	34
85	Effects of water and microbial-based aging on the performance of three dental restorative materials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 80, 42-50.	1.5	33
86	Aberrant activation of latent transforming growth factor- $\beta$ 2 initiates the onset of temporomandibular joint osteoarthritis. <i>Bone Research</i> , 2018, 6, 26.	5.4	33
87	Up-regulation of gasdermin C in mouse small intestine is associated with lytic cell death in enterocytes in worm-induced type 2 immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	33
88	G $\alpha$ s signaling controls intramembranous ossification during cranial bone development by regulating both Hedgehog and Wnt/ $\beta$ -catenin signaling. <i>Bone Research</i> , 2018, 6, 33.	5.4	32
89	<i>Streptococcus mutans</i> copes with heat stress by multiple transcriptional regulons modulating virulence and energy metabolism. <i>Scientific Reports</i> , 2015, 5, 12929.	1.6	31
90	Evaluation of the Effect of Needle Position on Irrigant Flow in the C-shaped Root Canal Using a Computational Fluid Dynamics Model. <i>Journal of Endodontics</i> , 2015, 41, 931-936.	1.4	31

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91	Cell cycle control, DNA damage repair, and apoptosis-related pathways control pre-ameloblasts differentiation during tooth development. <i>BMC Genomics</i> , 2015, 16, 592.	1.2	31
92	Drug resistance of oral bacteria to new antibacterial dental monomer dimethylaminohexadecyl methacrylate. <i>Scientific Reports</i> , 2018, 8, 5509.	1.6	31
93	iTRAQ-based quantitative analysis of age-specific variations in salivary proteome of caries-susceptible individuals. <i>Journal of Translational Medicine</i> , 2018, 16, 293.	1.8	31
94	Artemisinin elevates ergosterol levels of <i>Candida albicans</i> to synergise with amphotericin B against oral candidiasis. <i>International Journal of Antimicrobial Agents</i> , 2021, 58, 106394.	1.1	31
95	Adiponectin Ameliorates Experimental Periodontitis in Diet-Induced Obesity Mice. <i>PLoS ONE</i> , 2014, 9, e97824.	1.1	31
96	Effective dentinal tubule occlusion induced by polyhydroxy-terminated PAMAM dendrimer in vitro. <i>RSC Advances</i> , 2014, 4, 43496-43503.	1.7	30
97	Characterization of the clustered regularly interspaced short palindromic repeats sites in <i>Streptococcus mutans</i> isolated from early childhood caries patients. <i>Archives of Oral Biology</i> , 2017, 83, 174-180.	0.8	30
98	Long-term dentin remineralization by poly(amido amine) and rechargeable calcium phosphate nanocomposite after fluid challenges. <i>Dental Materials</i> , 2018, 34, 607-618.	1.6	30
99	Poly (amido amine) dendrimer and dental adhesive with calcium phosphate nanoparticles remineralized dentin in lactic acid. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2414-2424.	1.6	30
100	Bifunctional anticaries peptides with antibacterial and remineralizing effects. <i>Oral Diseases</i> , 2019, 25, 488-496.	1.5	30
101	Probiotics ameliorate alveolar bone loss by regulating gut microbiota. <i>Cell Proliferation</i> , 2021, 54, e13075.	2.4	30
102	Effects of gallic acid on the morphology and growth of hydroxyapatite crystals. <i>Archives of Oral Biology</i> , 2015, 60, 167-173.	0.8	29
103	The remineralization effectiveness of PAMAM dendrimer with different terminal groups on demineralized dentin <i>in vitro</i> . <i>RSC Advances</i> , 2017, 7, 54947-54955.	1.7	29
104	Comparative effect of a stannous fluoride toothpaste and a sodium fluoride toothpaste on a multispecies biofilm. <i>Archives of Oral Biology</i> , 2017, 74, 5-11.	0.8	28
105	Anti-biofilm and remineralization effects of chitosan hydrogel containing amelogenin-derived peptide on initial caries lesions. <i>International Journal of Energy Production and Management</i> , 2018, 5, 69-76.	1.9	28
106	Remineralization effectiveness of the PAMAM dendrimer with different terminal groups on artificial initial enamel caries in vitro. <i>Dental Materials</i> , 2020, 36, 210-220.	1.6	28
107	Biomaterial Stiffness Guides Cross-talk between Chondrocytes: Implications for a Novel Cellular Response in Cartilage Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 4476-4489.	2.6	28
108	Comparison of Red-Complex Bacteria Between Saliva and Subgingival Plaque of Periodontitis Patients: A Systematic Review and Meta-Analysis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 727732.	1.8	28

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109	Treatment of Necrotic Teeth by Apical Revascularization: Meta-analysis. <i>Scientific Reports</i> , 2017, 7, 13941.	1.6	27
110	8DSS peptide induced effective dentinal tubule occlusion in vitro. <i>Dental Materials</i> , 2018, 34, 629-640.	1.6	27
111	Differential Utilization of Basic Proline-Rich Glycoproteins during Growth of Oral Bacteria in Saliva. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5249-5258.	1.4	26
112	Dopamine self-polymerized along with hydroxyapatite onto the preactivated titanium percutaneous implants surface to promote human gingival fibroblast behavior and antimicrobial activity for biological sealing. <i>Journal of Biomaterials Applications</i> , 2018, 32, 1071-1082.	1.2	26
113	Transforming growth factor- $\beta$ 1 up-regulates connexin43 expression in osteocytes via canonical Smad-dependent signaling pathway. <i>Bioscience Reports</i> , 2018, 38, .	1.1	26
114	Inhibition of <i>Enterococcus faecalis</i> Growth and Biofilm Formation by Molecule Targeting Cyclic di-AMP Synthetase Activity. <i>Journal of Endodontics</i> , 2018, 44, 1381-1388.e2.	1.4	26
115	Role of the fibroblast growth factor 19 in the skeletal system. <i>Life Sciences</i> , 2021, 265, 118804.	2.0	26
116	Smoking May Lead to Marginal Bone Loss Around Non-Submerged Implants During Bone Healing by Altering Salivary Microbiome: A Prospective Study. <i>Journal of Periodontology</i> , 2017, 88, 1297-1308.	1.7	25
117	Chitosan hydrogel containing amelogenin-derived peptide: Inhibition of cariogenic bacteria and promotion of remineralization of initial caries lesions. <i>Archives of Oral Biology</i> , 2019, 100, 42-48.	0.8	25
118	Lipid metabolism in cartilage and its diseases: a concise review of the research progress. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 517-527.	0.9	25
119	The Clinical Potential of Oral Microbiota as a Screening Tool for Oral Squamous Cell Carcinomas. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 728933.	1.8	25
120	Novel tea polyphenol-modified calcium phosphate nanoparticle and its remineralization potential. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 1525-1531.	1.6	24
121	Effect of nicotine on cariogenic virulence of <i>Streptococcus mutans</i> . <i>Folia Microbiologica</i> , 2016, 61, 505-512.	1.1	24
122	Evaluation of Two Trephine Techniques for Removal of Fractured Rotary Nickel-titanium Instruments from Root Canals. <i>Journal of Endodontics</i> , 2017, 43, 116-120.	1.4	24
123	Combining Bioactive Multifunctional Dental Composite with PAMAM for Root Dentin Remineralization. <i>Materials</i> , 2017, 10, 89.	1.3	24
124	Anti-Bacterial and Microecosystem-Regulating Effects of Dental Implant Coated with Dimethylaminododecyl Methacrylate. <i>Molecules</i> , 2017, 22, 2013.	1.7	24
125	Influence of Endodontic Procedure on the Adherence of <i>Enterococcus faecalis</i> . <i>Journal of Endodontics</i> , 2019, 45, 943-949.	1.4	24
126	CRISPR-Cas systems in oral microbiome: From immune defense to physiological regulation. <i>Molecular Oral Microbiology</i> , 2020, 35, 41-48.	1.3	24

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127	The role of fibroblast growth factor 8 in cartilage development and disease. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 990-999.	1.6	24
128	Nicotine Enhances Interspecies Relationship between <i>Streptococcus mutans</i> and <i>Candida albicans</i> . <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	23
129	Taxonomic and Functional Analyses of the Supragingival Microbiome from Caries-Affected and Caries-Free Hosts. <i>Microbial Ecology</i> , 2018, 75, 543-554.	1.4	23
130	TGF- $\beta$ 1 facilitates cell-cell communication in osteocytes via connexin43- and pannexin1-dependent gap junctions. <i>Cell Death Discovery</i> , 2019, 5, 141.	2.0	23
131	In vitro evaluation of composite containing DMAHDM and calcium phosphate nanoparticles on recurrent caries inhibition at bovine enamel-restoration margins. <i>Dental Materials</i> , 2020, 36, 1343-1355.	1.6	23
132	Anti-caries effect of resin infiltrant modified by quaternary ammonium monomers. <i>Journal of Dentistry</i> , 2020, 97, 103355.	1.7	23
133	Antibacterial and remineralizing nanocomposite inhibit root caries biofilms and protect root dentin hardness at the margins. <i>Journal of Dentistry</i> , 2020, 97, 103344.	1.7	23
134	In situ antibiofilm effect of glass-ionomer cement containing dimethylaminododecyl methacrylate. <i>Dental Materials</i> , 2015, 31, 992-1002.	1.6	22
135	Identification and characterization of a novel adiponectin receptor agonist adipo anti-inflammation agonist and its anti-inflammatory effects in vitro and in vivo. <i>British Journal of Pharmacology</i> , 2021, 178, 280-297.	2.7	22
136	The Interactions Between <i>Candida albicans</i> and Mucosal Immunity. <i>Frontiers in Microbiology</i> , 2021, 12, 652725.	1.5	22
137	Strategies for <i>Streptococcus mutans</i> biofilm dispersal through extracellular polymeric substances disruption. <i>Molecular Oral Microbiology</i> , 2022, 37, 1-8.	1.3	22
138	C-Jun N-Terminal Kinase (JNK) Mediates Wnt5a-Induced Cell Motility Dependent or Independent of RhoA Pathway in Human Dental Papilla Cells. <i>PLoS ONE</i> , 2013, 8, e69440.	1.1	21
139	MicroRNA 224 Regulates Ion Transporter Expression in Ameloblasts To Coordinate Enamel Mineralization. <i>Molecular and Cellular Biology</i> , 2015, 35, 2875-2890.	1.1	21
140	Accuracy of Cone-beam Computed Tomography in Measuring Dentin Thickness and Its Potential of Predicting the Remaining Dentin Thickness after Removing Fractured Instruments. <i>Journal of Endodontics</i> , 2017, 43, 1522-1527.	1.4	21
141	Deletion of <i>Axin1</i> in condylar chondrocytes leads to osteoarthritis-like phenotype in temporomandibular joint via activation of $\beta$ -catenin and FGF signaling. <i>Journal of Cellular Physiology</i> , 2019, 234, 1720-1729.	2.0	21
142	Poly(amido amine) and rechargeable adhesive containing calcium phosphate nanoparticles for long-term dentin remineralization. <i>Journal of Dentistry</i> , 2019, 85, 47-56.	1.7	21
143	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of <i>Streptococcus mutans</i> . <i>PLoS Pathogens</i> , 2020, 16, e1008774.	2.1	21
144	Interactions Between Neutrophils and Periodontal Pathogens in Late-Onset Periodontitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 627328.	1.8	21

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145	Effect of pH-sensitive nanoparticles on inhibiting oral biofilms. <i>Drug Delivery</i> , 2022, 29, 561-573.	2.5	21
146	Effect of toothpaste containing arginine on dental plaque—A randomized controlled in situ study. <i>Journal of Dentistry</i> , 2017, 67, 88-93.	1.7	20
147	The Origin and Identification of Mesenchymal Stem Cells in Teeth: from Odontogenic to Non-odontogenic. <i>Current Stem Cell Research and Therapy</i> , 2017, 13, 39-45.	0.6	20
148	Nano-calcium phosphate and dimethylaminohexadecyl methacrylate adhesive for dentin remineralization in a biofilm-challenged environment. <i>Dental Materials</i> , 2020, 36, e316-e328.	1.6	20
149	Highly Proliferative Immortalized Human Dental Pulp Cells Retain the Odontogenic Phenotype when Combined with a Beta-Tricalcium Phosphate Scaffold and BMP2. <i>Stem Cells International</i> , 2020, 2020, 1-18.	1.2	20
150	Parathyroid hormone ameliorates temporomandibular joint osteoarthritic-like changes related to age. <i>Cell Proliferation</i> , 2020, 53, e12755.	2.4	20
151	Evidence for excessive osteoclast activation in SIRT6 null mice. <i>Scientific Reports</i> , 2018, 8, 10992.	1.6	19
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