

# Xuedong Zhou

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

272  
papers

6,175  
citations

34  
h-index

68  
g-index

285  
ext. papers

8,590  
ext. citations

6.3  
avg, IF

6.44  
L-index

#	Paper	IF	Citations
272	The role of fibroblast growth factor 8 in cartilage development and disease.. <i>Journal of Cellular and Molecular Medicine</i> , <b>2022</b> ,	5.6	3
271	Evaluation of the ability of adhesives with antibacterial and remineralization functions to prevent secondary caries in vivo.. <i>Clinical Oral Investigations</i> , <b>2022</b> , 26, 3637	4.2	0
270	PDGF-AA promotes gap junction intercellular communication in chondrocytes via the PI3K/Akt pathway.. <i>Connective Tissue Research</i> , <b>2022</b> , 1-15	3.3	0
269	Effect of pH-sensitive nanoparticles on inhibiting oral biofilms.. <i>Drug Delivery</i> , <b>2022</b> , 29, 561-573	7	0
268	The Crosstalk Between Saliva Bacteria and Fungi in Early Childhood Caries.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 845738	5.9	0
267	Nicotinamide could reduce growth and cariogenic virulence of .. <i>Journal of Oral Microbiology</i> , <b>2022</b> , 14, 2056291	6.3	1
266	Oral microbiota in human systematic diseases.. <i>International Journal of Oral Science</i> , <b>2022</b> , 14, 14	27.9	9
265	Expert consensus on dental caries management.. <i>International Journal of Oral Science</i> , <b>2022</b> , 14, 17	27.9	4
264	Oral Microbiota-Host Interaction Mediated by Taste Receptors.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 802504	5.9	0
263	Progressive destruction of jaws caused by the delayed treatment of Langerhans cell histiocytosis in a 2-year-old boy: A case report.. <i>Oral Radiology</i> , <b>2022</b> , 1	2.5	
262	The Role of Glycoside Hydrolases in <i>S. gordonii</i> and <i>C. albicans</i> Interactions.. <i>Applied and Environmental Microbiology</i> , <b>2022</b> , e0011622	4.8	0
261	Relationships Between Oral Microecosystem and Respiratory Diseases.. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 718222	5.6	1
260	FF-ATPase Contributes to the Fluoride Tolerance and Cariogenicity of .. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 777504	5.7	0
259	Osteoblasts impair cholesterol synthesis in chondrocytes via Notch1 signalling. <i>Cell Proliferation</i> , <b>2021</b> , 54, e13156	7.9	3
258	Strategies for <i>Streptococcus mutans</i> biofilm dispersal through extracellular polymeric substances disruption. <i>Molecular Oral Microbiology</i> , <b>2021</b> ,	4.6	3
257	Coexistence of and increases biofilm virulence and periapical lesions in rats. <i>Biofouling</i> , <b>2021</b> , 1-11	3.3	1
256	Gut-Bone Axis: A Non-Negligible Contributor to Periodontitis. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 752708	5.9	1

255	Oral Osteomicrobiology: The Role of Oral Microbiota in Alveolar Bone Homeostasis. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 751503	5.9	3
254	Parathyroid Hormone 1 Receptor Signaling in Dental Mesenchymal Stem Cells: Basic and Clinical Implications. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 654715	5.7	3
253	ANGPTL4-mediated promotion of glycolysis facilitates the colonization of <i>Fusobacterium nucleatum</i> in colorectal cancer. <i>Cancer Research</i> , <b>2021</b> ,	10.1	6
252	Materials for retrograde filling in root canal therapy. <i>The Cochrane Library</i> , <b>2021</b> , 10, CD005517	5.2	1
251	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> , <b>2021</b> , 11, 727732	5.9	2
250	The Roles of FOXO1 in Periodontal Homeostasis and Disease. <i>Journal of Immunology Research</i> , <b>2021</b> , 2021, 5557095	4.5	2
249	Remineralization effectiveness of adhesive containing amorphous calcium phosphate nanoparticles on artificial initial enamel caries in a biofilm-challenged environment. <i>Clinical Oral Investigations</i> , <b>2021</b> , 25, 5375-5390	4.2	5
248	The microbiota-gut-bone axis and bone health. <i>Journal of Leukocyte Biology</i> , <b>2021</b> , 110, 525-537	6.5	8
247	The cross-kingdom interaction between <i>Helicobacter pylori</i> and <i>Candida albicans</i> . <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009515	7.6	1
246	Geometric Analysis of the Distolingual Root and Canal in Mandibular First Molars: A Micro-computed Tomographic Study. <i>Journal of Endodontics</i> , <b>2021</b> , 47, 779-786	4.7	1
245	Rubber dam isolation for restorative treatment in dental patients. <i>The Cochrane Library</i> , <b>2021</b> , 5, CD009858	5.8	4
244	Synonymous point mutation of <i>gtfB</i> gene caused by therapeutic X-rays exposure reduced the biofilm formation and cariogenic abilities of <i>Streptococcus mutans</i> . <i>Cell and Bioscience</i> , <b>2021</b> , 11, 91	9.8	0
243	Inhibition of biofilm formation by strategies targeting the metabolism of exopolysaccharides. <i>Critical Reviews in Microbiology</i> , <b>2021</b> , 47, 667-677	7.8	8
242	The Effects of Nonnutritive Sweeteners on the Cariogenic Potential of Oral Microbiome. <i>BioMed Research International</i> , <b>2021</b> , 2021, 9967035	3	1
241	Effect of tetracyclines on pulpal and periodontal healing after tooth replantation: a systematic review of human and animal studies. <i>BMC Oral Health</i> , <b>2021</b> , 21, 289	3.7	2
240	Probiotics ameliorate alveolar bone loss by regulating gut microbiota. <i>Cell Proliferation</i> , <b>2021</b> , 54, e13075	7.9	6
239	The Interactions Between and Mucosal Immunity. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 652725	5.7	5
238	Probiotic K12 Alleviates Radiation-Induced Oral Mucositis in Mice. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 684824	8.4	2

237	The preparation of N-IgY targeting SARS-CoV-2 and its immunomodulation to IFN- $\gamma$ production in vitro. <i>International Immunopharmacology</i> , <b>2021</b> , 96, 107797	5.8	7
236	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> , <b>2021</b> , 118,	11.5	10
235	<i>Candida albicans</i> promotes tooth decay by inducing oral microbial dysbiosis. <i>ISME Journal</i> , <b>2021</b> , 15, 894-908	9.0	26
234	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> , <b>2021</b> , 178, 280-297	8.6	6
233	Role of the fibroblast growth factor 19 in the skeletal system. <i>Life Sciences</i> , <b>2021</b> , 265, 118804	6.8	9
232	Rechargeable adhesive with calcium phosphate nanoparticles inhibited long-term dentin demineralization in a biofilm-challenged environment. <i>Journal of Dentistry</i> , <b>2021</b> , 104, 103529	4.8	1
231	The positive rate of saliva for the detection of 2019-nCoV and possible factors related to the sensitivity results. <i>Journal of Medical Virology</i> , <b>2021</b> , 93, 4136-4140	19.7	0
230	Potential Roles of Bone Morphogenetic Protein 9 in the Odontogenic Differentiation of Dental Pulp Cells. <i>Journal of Endodontics</i> , <b>2021</b> , 47, 436-443	4.7	6
229	The alteration of A disintegrin and metalloproteinase with thrombospondin motifs (ADAMTS) in the knee joints of osteoarthritis mice. <i>Journal of Histotechnology</i> , <b>2021</b> , 44, 99-110	1.3	1
228	Starvation Survival and Biofilm Formation under Subminimum Inhibitory Concentration of QAMs. <i>BioMed Research International</i> , <b>2021</b> , 2021, 8461245	3	2
227	A small molecule II-6s inhibits biofilms. <i>Journal of Oral Microbiology</i> , <b>2021</b> , 13, 1978756	6.3	
226	Lipid metabolism in cartilage and its diseases: a concise review of the research progress. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2021</b> , 53, 517-527	2.8	5
225	Interactions Between Neutrophils and Periodontal Pathogens in Late-Onset Periodontitis. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 627328	5.9	4
224	Histone Acetylation in the Epigenetic Regulation of Bone Metabolism and Related Diseases. <i>Stem Cells International</i> , <b>2021</b> , 2021, 8043346	5	0
223	Effects of Cold-Light Bleaching on Enamel Surface and Adhesion of. <i>BioMed Research International</i> , <b>2021</b> , 2021, 3766641	3	0
222	Micro-computed tomography analysis of root canal morphology and thickness of crown and root of mandibular incisors in Chinese population. <i>Clinical Oral Investigations</i> , <b>2021</b> , 1	4.2	1
221	Protein kinase D1 induced epithelial-mesenchymal transition and invasion in salivary adenoid cystic carcinoma via E-cadherin/Snail regulation. <i>Oral Diseases</i> , <b>2021</b> ,	3.5	1
220	The Clinical Potential of Oral Microbiota as a Screening Tool for Oral Squamous Cell Carcinomas. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 728933	5.9	3

219	Artemisinin elevates ergosterol levels of <i>Candida albicans</i> to synergise with amphotericin B against oral candidiasis. <i>International Journal of Antimicrobial Agents</i> , <b>2021</b> , 58, 106394	14.3	2
218	Mining the Gut Microbiota for Microbial-Based Therapeutic Strategies in Cancer Immunotherapy. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 721249	5.3	0
217	Intelligent pH-responsive dental sealants to prevent long-term microleakage. <i>Dental Materials</i> , <b>2021</b> , 37, 1529-1541	5.7	0
216	Insulin-like growth factor 1 promotes neural differentiation of human stem cells from the apical papilla. <i>Archives of Oral Biology</i> , <b>2021</b> , 131, 105264	2.8	0
215	Novel dental implant modifications with two-staged double benefits for preventing infection and promoting osseointegration and. <i>Bioactive Materials</i> , <b>2021</b> , 6, 4568-4579	16.7	1
214	Antimicrobial activities of a small molecule compound II-6s against oral streptococci. <i>Journal of Oral Microbiology</i> , <b>2021</b> , 13, 1909917	6.3	5
213	TAS2R16 Activation Suppresses LPS-Induced Cytokine Expression in Human Gingival Fibroblasts.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 726546	8.4	2
212	Management of ectopically erupting permanent molars in a seven-year-old girl: A case report.. <i>JPMA the Journal of the Pakistan Medical Association</i> , <b>2021</b> , 71, 2809-2811	0.4	
211	Visualized analysis of trends and hotspots in global oral microbiome research: A bibliometric study. <i>MedComm</i> , <b>2020</b> , 1, 351-361	2.2	1
210	Epigenetic Regulation of Dental Pulp Stem Cell Fate. <i>Stem Cells International</i> , <b>2020</b> , 2020, 8876265	5	7
209	Anti-caries effect of resin infiltrant modified by quaternary ammonium monomers. <i>Journal of Dentistry</i> , <b>2020</b> , 97, 103355	4.8	13
208	Saliva is a non-negligible factor in the spread of COVID-19. <i>Molecular Oral Microbiology</i> , <b>2020</b> , 35, 141-145	4.6	85
207	Berberine mediates root remodeling in an immature tooth with apical periodontitis by regulating stem cells from apical papilla differentiation. <i>International Journal of Oral Science</i> , <b>2020</b> , 12, 18	27.9	9
206	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> , <b>2020</b> , 2020, 4534128	5	7
205	Parathyroid hormone ameliorates temporomandibular joint osteoarthritic-like changes related to age. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12755	7.9	10
204	Faecal microbiota transplantation from metabolically compromised human donors accelerates osteoarthritis in mice. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, 646-656	2.4	25
203	Dimethylaminododecyl methacrylate inhibits <i>Candida albicans</i> and oropharyngeal candidiasis in a pH-dependent manner. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 3585-3595	5.7	5
202	Transmission routes of 2019-nCoV and controls in dental practice. <i>International Journal of Oral Science</i> , <b>2020</b> , 12, 9	27.9	960

201	The Impact of Smoking on Subgingival Microflora: From Periodontal Health to Disease. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 66	5.7	25
200	Sucrose promotes caries progression by disrupting the microecological balance in oral biofilms: an in vitro study. <i>Scientific Reports</i> , <b>2020</b> , 10, 2961	4.9	23
199	Comparison between Fissure Sealant and Fluoride Varnish on Caries Prevention for First Permanent Molars: a Systematic Review and Meta-analysis. <i>Scientific Reports</i> , <b>2020</b> , 10, 2578	4.9	5
198	CRISPR-Cas systems in oral microbiome: From immune defense to physiological regulation. <i>Molecular Oral Microbiology</i> , <b>2020</b> , 35, 41-48	4.6	11
197	Berberine/Ag nanoparticle embedded biomimetic calcium phosphate scaffolds for enhancing antibacterial function. <i>Nanotechnology Reviews</i> , <b>2020</b> , 9, 568-579	6.3	9
196	Biochanin A alleviates gingival inflammation and alveolar bone loss in rats with experimental periodontitis. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 20, 251	2.1	1
195	Biochanin A alleviates gingival inflammation and alveolar bone loss in rats with experimental periodontitis. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 20, 1-1	2.1	2
194	Antibacterial Activity of Fruiting Body Extracts from Culinary-Medicinal Winter Mushroom, <i>Flammulina velutipes</i> (Agaricomycetes) against Oral Pathogen <i>Streptococcus mutans</i> . <i>International Journal of Medicinal Mushrooms</i> , <b>2020</b> , 22, 115-124	1.3	2
193	The effect of disaggregated nano-hydroxyapatite on oral biofilm in vitro. <i>Dental Materials</i> , <b>2020</b> , 36, e207-e216	5.7	7
192	Remineralization effectiveness of the PAMAM dendrimer with different terminal groups on artificial initial enamel caries in vitro. <i>Dental Materials</i> , <b>2020</b> , 36, 210-220	5.7	12
191	Salivary microbiome in patients undergoing hemodialysis and its associations with the duration of the dialysis. <i>BMC Nephrology</i> , <b>2020</b> , 21, 414	2.7	2
190	The combined use of salivary biomarkers and clinical parameters to predict the outcome of scaling and root planing: A cohort study. <i>Journal of Clinical Periodontology</i> , <b>2020</b> , 47, 1379-1390	7.7	3
189	Nano-calcium phosphate and dimethylaminohexadecyl methacrylate adhesive for dentin remineralization in a biofilm-challenged environment. <i>Dental Materials</i> , <b>2020</b> , 36, e316-e328	5.7	5
188	Repurposing Napabucasin as an Antimicrobial Agent against Oral Streptococcal Biofilms. <i>BioMed Research International</i> , <b>2020</b> , 2020, 8379526	3	7
187	Biomaterial Stiffness Guides Cross-talk between Chondrocytes: Implications for a Novel Cellular Response in Cartilage Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 4476-4489	5.5	8
186	Dentists Are at a Higher Risk for Oral Infection. <i>BioMed Research International</i> , <b>2020</b> , 2020, 3945189	3	1
185	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> , <b>2020</b> , 16, e1008774	7.6	7
184	In vitro evaluation of composite containing DMAHDM and calcium phosphate nanoparticles on recurrent caries inhibition at bovine enamel-restoration margins. <i>Dental Materials</i> , <b>2020</b> , 36, 1343-1355	5.7	13

183	IL-1 $\beta$ Regulates Osteogenesis and Osteoclastic Activity of Dental Follicle Cells Through JNK and p38 MAPK Pathways. <i>Stem Cells and Development</i> , <b>2020</b> , 29, 1552-1566	4.4	2
182	Deletion of <i>csn2</i> gene affects acid tolerance and exopolysaccharide synthesis in <i>Streptococcus mutans</i> . <i>Molecular Oral Microbiology</i> , <b>2020</b> , 35, 211-221	4.6	4
181	Mechano-chemical coupling of irrigation enhances endodontic biofilm debridement. <i>Biofouling</i> , <b>2020</b> , 36, 792-799	3.3	4
180	Novel Nanocomposite Inhibiting Caries at the Enamel Restoration Margins in an In Vitro Saliva-Derived Biofilm Secondary Caries Model. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
179	Two-staged time-dependent materials for the prevention of implant-related infections. <i>Acta Biomaterialia</i> , <b>2020</b> , 101, 128-140	10.8	20
178	Occlusal trauma inhibits osteoblast differentiation and bone formation through IKK-NF- $\kappa$ B signaling. <i>Journal of Periodontology</i> , <b>2020</b> , 91, 683-692	4.6	6
177	Microcomputed tomographic investigation of the trepan bur/microtube technique for the removal of fractured instruments from root canals without a dental operating microscope. <i>Clinical Oral Investigations</i> , <b>2020</b> , 24, 1717-1725	4.2	2
176	Antibacterial and remineralizing nanocomposite inhibit root caries biofilms and protect root dentin hardness at the margins. <i>Journal of Dentistry</i> , <b>2020</b> , 97, 103344	4.8	11
175	Targeting tumor-associated macrophages in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , <b>2020</b> , 106, 104723	4.4	12
174	Saliva: potential diagnostic value and transmission of 2019-nCoV. <i>International Journal of Oral Science</i> , <b>2020</b> , 12, 11	27.9	183
173	Potential implications of SARS-CoV-2 oral infection in the host microbiota. <i>Journal of Oral Microbiology</i> , <b>2020</b> , 13, 1853451	6.3	32
172	Reactive Oxygen Species in Pathogen Clearance: The Killing Mechanisms, the Adaption Response, and the Side Effects. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 622534	5.7	16
171	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of <i>Streptococcus mutans</i> <b>2020</b> , 16, e1008774		
170	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of <i>Streptococcus mutans</i> <b>2020</b> , 16, e1008774		
169	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of <i>Streptococcus mutans</i> <b>2020</b> , 16, e1008774		
168	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of <i>Streptococcus mutans</i> <b>2020</b> , 16, e1008774		
167	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of <i>Streptococcus mutans</i> <b>2020</b> , 16, e1008774		
166	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of <i>Streptococcus mutans</i> <b>2020</b> , 16, e1008774		

165	Epiregulin enhances odontoblastic differentiation of dental pulp stem cells via activating MAPK signalling pathway. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12680	7.9	13
164	The inhibitory effect of quaternary ammonium salt on bacteria in root canal. <i>Scientific Reports</i> , <b>2019</b> , 9, 12463	4.9	8
163	Dentin remineralization via adhesive containing amorphous calcium phosphate nanoparticles in a biofilm-challenged environment. <i>Journal of Dentistry</i> , <b>2019</b> , 89, 103193	4.8	16
162	Disturbed bone remodelling activity varies in different stages of experimental, gradually progressive apical periodontitis in rats. <i>International Journal of Oral Science</i> , <b>2019</b> , 11, 27	27.9	5
161	Dental Follicle Cells: Roles in Development and Beyond. <i>Stem Cells International</i> , <b>2019</b> , 2019, 9159605	5	31
160	Minimal invasive microscopic tooth preparation in esthetic restoration: a specialist consensus. <i>International Journal of Oral Science</i> , <b>2019</b> , 11, 31	27.9	20
159	Gingival solitary chemosensory cells are immune sentinels for periodontitis. <i>Nature Communications</i> , <b>2019</b> , 10, 4496	17.4	28
158	Deletion of cas3 gene in <i>Streptococcus mutans</i> affects biofilm formation and increases fluoride sensitivity. <i>Archives of Oral Biology</i> , <b>2019</b> , 99, 190-197	2.8	30
157	Global analysis of lysine succinylome in the periodontal pathogen <i>Porphyromonas gingivalis</i> . <i>Molecular Oral Microbiology</i> , <b>2019</b> , 34, 74-83	4.6	10
156	Influence of Endodontic Procedure on the Adherence of <i>Enterococcus faecalis</i> . <i>Journal of Endodontics</i> , <b>2019</b> , 45, 943-949	4.7	11
155	Fluphenazine antagonizes with fluconazole but synergizes with amphotericin B in the treatment of candidiasis. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 6701-6709	5.7	4
154	Parenchymal and stromal tissue regeneration of tooth organ by pivotal signals reinstated in decellularized matrix. <i>Nature Materials</i> , <b>2019</b> , 18, 627-637	27	27
153	Dental remineralization via poly(amido amine) and restorative materials containing calcium phosphate nanoparticles. <i>International Journal of Oral Science</i> , <b>2019</b> , 11, 15	27.9	26
152	Effect of D-cysteine on dual-species biofilms of <i>Streptococcus mutans</i> and <i>Streptococcus sanguinis</i> . <i>Scientific Reports</i> , <b>2019</b> , 9, 6689	4.9	10
151	Poly(amido amine) and rechargeable adhesive containing calcium phosphate nanoparticles for long-term dentin remineralization. <i>Journal of Dentistry</i> , <b>2019</b> , 85, 47-56	4.8	14
150	The effects of 8DSS peptide on remineralization in a rat model of enamel caries evaluated by two nondestructive techniques. <i>Journal of Applied Biomaterials and Functional Materials</i> , <b>2019</b> , 17, 2280800019827798	18.8	5
149	A Novel Small Molecule, ZY354, Inhibits Dental Caries-Associated Oral Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	12
148	One-Carbon Metabolism Links Nutrition Intake to Embryonic Development via Epigenetic Mechanisms. <i>Stem Cells International</i> , <b>2019</b> , 2019, 3894101	5	12



147	Short-Time Antibacterial Effects of Dimethylaminododecyl Methacrylate on Oral Multispecies Biofilm In Vitro. <i>BioMed Research International</i> , <b>2019</b> , 2019, 6393470	3	9
146	Chitosan hydrogel containing amelogenin-derived peptide: Inhibition of cariogenic bacteria and promotion of remineralization of initial caries lesions. <i>Archives of Oral Biology</i> , <b>2019</b> , 100, 42-48	2.8	15
145	Resumptive Persisters Induced From Dimethylaminododecyl Methacrylate Elevated the Cariogenic Virulence by Up-Regulating the Quorum-Sensing and VicRK Pathway Genes. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 3102	5.7	4
144	Deletion of Axin1 in condylar chondrocytes leads to osteoarthritis-like phenotype in temporomandibular joint via activation of Eatenin and FGF signaling. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 1720-1729	7	7
143	A novel antibacterial resin-based root canal sealer modified by Dimethylaminododecyl Methacrylate. <i>Scientific Reports</i> , <b>2019</b> , 9, 10632	4.9	6
142	Development and status of resin composite as dental restorative materials. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 48180	2.9	28
141	Salivary mycobiome dysbiosis and its potential impact on bacteriome shifts and host immunity in oral lichen planus. <i>International Journal of Oral Science</i> , <b>2019</b> , 11, 13	27.9	23
140	TGF- $\beta$ facilitates cell-cell communication in osteocytes via connexin43- and pannexin1-dependent gap junctions. <i>Cell Death Discovery</i> , <b>2019</b> , 5, 141	6.9	12
139	Epigenetic and therapeutic implications of dnmt3b in temporomandibular joint osteoarthritis. <i>American Journal of Translational Research (discontinued)</i> , <b>2019</b> , 11, 1736-1747	3	8
138	Signal Transduction of Streptococci by Cyclic Dinucleotide Second Messengers. <i>Current Issues in Molecular Biology</i> , <b>2019</b> , 32, 87-122	2.9	0
137	Mobile Genetic Elements in Streptococci. <i>Current Issues in Molecular Biology</i> , <b>2019</b> , 32, 123-166	2.9	6
136	Antagonistic interaction between Ezh2 and Arid1a coordinates root patterning and development via Cdkn2a in mouse molars. <i>ELife</i> , <b>2019</b> , 8,	8.9	8
135	Application of Omics and Bioinformatics Tools in Research. <i>Current Issues in Molecular Biology</i> , <b>2019</b> , 32, 327-376	2.9	2
134	CRISPR-Cas Systems in Streptococci. <i>Current Issues in Molecular Biology</i> , <b>2019</b> , 32, 1-38	2.9	
133	Genetic Regulation of Streptococci by Small RNAs. <i>Current Issues in Molecular Biology</i> , <b>2019</b> , 32, 39-86	2.9	0
132	Voriconazole inhibits cross-kingdom interactions between <i>Candida albicans</i> and <i>Actinomyces viscosus</i> through the ergosterol pathway. <i>International Journal of Antimicrobial Agents</i> , <b>2019</b> , 53, 805-813	14.3	4
131	Evaluation of Chitosan Hydrogel for Sustained Delivery of VEGF for Odontogenic Differentiation of Dental Pulp Stem Cells. <i>Stem Cells International</i> , <b>2019</b> , 2019, 1515040	5	20
130	Substrate elasticity regulates vascular endothelial growth factor A (VEGFA) expression in adipose-derived stromal cells: Implications for potential angiogenesis. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 175, 576-585	6	8

129	Human salivary proteins and their peptidomimetics: Values of function, early diagnosis, and therapeutic potential in combating dental caries. <i>Archives of Oral Biology</i> , <b>2019</b> , 99, 31-42	2.8	12
128	Salivary protease spectrum biomarkers of oral cancer. <i>International Journal of Oral Science</i> , <b>2019</b> , 11, 7	27.9	26
127	Effects of water aging on the mechanical and anti-biofilm properties of glass-ionomer cement containing dimethylaminododecyl methacrylate. <i>Dental Materials</i> , <b>2019</b> , 35, 434-443	5.7	3
126	Effect of audiovisual distraction on the management of dental anxiety in children: A systematic review. <i>International Journal of Paediatric Dentistry</i> , <b>2019</b> , 29, 14-21	3.1	20
125	Bifunctional anticaries peptides with antibacterial and remineralizing effects. <i>Oral Diseases</i> , <b>2019</b> , 25, 488-496	3.5	16
124	Novel dental composite with capability to suppress cariogenic species and promote non-cariogenic species in oral biofilms. <i>Materials Science and Engineering C</i> , <b>2019</b> , 94, 587-596	8.3	36
123	Epigenetic Regulation of Gene Expression in Epithelial Stem Cells Fate. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 46-51	3.6	2
122	Antimicrobial peptide GH12 suppresses cariogenic virulence factors of. <i>Journal of Oral Microbiology</i> , <b>2018</b> , 10, 1442089	6.3	40
121	Anterior Cruciate Ligament Transection-Induced Cellular and Extracellular Events in Menisci: Implications for Osteoarthritis. <i>American Journal of Sports Medicine</i> , <b>2018</b> , 46, 1185-1198	6.8	33
120	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> , <b>2018</b> , 80, 42-50	4.1	28
119	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> , <b>2018</b> , 102, 5255-5264	5.7	23
118	Function of alanine racemase in the physiological activity and cariogenicity of <i>Streptococcus mutans</i> . <i>Scientific Reports</i> , <b>2018</b> , 8, 5984	4.9	11
117	Drug resistance of oral bacteria to new antibacterial dental monomer dimethylaminohexadecyl methacrylate. <i>Scientific Reports</i> , <b>2018</b> , 8, 5509	4.9	20
116	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> , <b>2018</b> , 115, E3749-E3758	11.5	28
115	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> , <b>2018</b> , 10, 9	27.9	20
114	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> , <b>2018</b> , 5, 69-76	5.3	19
113	8DSS peptide induced effective dentinal tubule occlusion in vitro. <i>Dental Materials</i> , <b>2018</b> , 34, 629-640	5.7	14
112	Long-term dentin remineralization by poly(amido amine) and rechargeable calcium phosphate nanocomposite after fluid challenges. <i>Dental Materials</i> , <b>2018</b> , 34, 607-618	5.7	22

111	Transforming growth factor- $\beta$ in stem cells and tissue homeostasis. <i>Bone Research</i> , <b>2018</b> , 6, 2	13.3	143
110	Oral health in China: from vision to action. <i>International Journal of Oral Science</i> , <b>2018</b> , 10, 1	27.9	46
109	The anti-caries effects of dental adhesive resin influenced by the position of functional groups in quaternary ammonium monomers. <i>Dental Materials</i> , <b>2018</b> , 34, 400-411	5.7	27
108	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> , <b>2018</b> , 32, 1071-1082	2.9	19
107	Common dental diseases in children and malocclusion. <i>International Journal of Oral Science</i> , <b>2018</b> , 10, 7	27.9	46
106	Modulation of MMP-2 and MMP-9 through connected pathways and growth factors is critical for extracellular matrix balance of intra-articular ligaments. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2018</b> , 12, e550-e565	4.4	12
105	Plasticity of the Pyruvate Node Modulates Hydrogen Peroxide Production and Acid Tolerance in Multiple Oral Streptococci. <i>Applied and Environmental Microbiology</i> , <b>2018</b> , 84,	4.8	21
104	Taxonomic and Functional Analyses of the Supragingival Microbiome from Caries-Affected and Caries-Free Hosts. <i>Microbial Ecology</i> , <b>2018</b> , 75, 543-554	4.4	13
103	Heterotopic ossification: Mechanistic insights and clinical challenges. <i>Bone</i> , <b>2018</b> , 109, 134-142	4.7	35
102	Expression of proteins of elastic fibers and collagen type I in orthodontically rotated teeth in rats. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , <b>2018</b> , 154, 249-259	2.1	1
101	Profiling of Stem/Progenitor Cell Regulatory Genes of the Synovial Joint by Genome-Wide RNA-Seq Analysis. <i>BioMed Research International</i> , <b>2018</b> , 2018, 9327487	3	3
100	Inhibition of Enterococcus faecalis Growth and Biofilm Formation by Molecule Targeting Cyclic di-AMP Synthetase Activity. <i>Journal of Endodontics</i> , <b>2018</b> , 44, 1381-1388.e2	4.7	9
99	Ciliary parathyroid hormone signaling activates transforming growth factor- $\beta$ to maintain intervertebral disc homeostasis during aging. <i>Bone Research</i> , <b>2018</b> , 6, 21	13.3	31
98	Ecological Shifts of Supragingival Microbiota in Association with Pregnancy. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2018</b> , 8, 24	5.9	26
97	Evidence for excessive osteoclast activation in SIRT6 null mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 10992	4.9	14
96	Comparative salivary proteomics analysis of children with and without dental caries using the iTRAQ/MRM approach. <i>Journal of Translational Medicine</i> , <b>2018</b> , 16, 11	8.5	21
95	Compliant Substratum Changes Osteocyte Functions: The Role of ITGB3/FAK/ $\beta$ Catenin Signaling Matters.. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 792-801	4.1	13
94	Substrate elasticity regulates adipose-derived stromal cell differentiation towards osteogenesis and adipogenesis through $\beta$ catenin transduction. <i>Acta Biomaterialia</i> , <b>2018</b> , 79, 83-95	10.8	47

93	Insight into the Role of Long Non-coding RNAs During Osteogenesis in Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 52-59	3.6	8
92	The Origin and Identification of Mesenchymal Stem Cells in Teeth: from Odontogenic to Non-odontogenic. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 39-45	3.6	11
91	Bivalent Histone Modifications and Development. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 83-90	3.6	31
90	Epigenetic Regulations in the Pathogenesis of Periodontitis. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 144-150	3.6	9
89	DNA Methylation: A Frontier in Tooth Organogenesis and Developmental Dental Defects. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 151-158	3.6	1
88	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> , <b>2018</b> , 106, 2414-2424	3.5	19
87	Dickkopf-1 may regulate bone coupling by attenuating wnt/ $\beta$ catenin signaling in chronic apical periodontitis. <i>Archives of Oral Biology</i> , <b>2018</b> , 86, 94-100	2.8	15
86	Transforming growth factor- $\beta$ up-regulates connexin43 expression in osteocytes via canonical Smad-dependent signaling pathway. <i>Bioscience Reports</i> , <b>2018</b> , 38,	4.1	17
85	Gli3 signaling controls intramembranous ossification during cranial bone development by regulating both Hedgehog and Wnt/ $\beta$ catenin signaling. <i>Bone Research</i> , <b>2018</b> , 6, 33	13.3	26
84	Mettl3-mediated mA RNA methylation regulates the fate of bone marrow mesenchymal stem cells and osteoporosis. <i>Nature Communications</i> , <b>2018</b> , 9, 4772	17.4	153
83	Comments on "Long-term outcome of patients with or without osseointegrated implants after resection of mandibular ameloblastoma and reconstruction with vascularized bone graft: Functional assessment and quality of life". <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>2018</b> , 71, 1816-1834	1.7	
82	iTRAQ-based quantitative analysis of age-specific variations in salivary proteome of caries-susceptible individuals. <i>Journal of Translational Medicine</i> , <b>2018</b> , 16, 293	8.5	17
81	Genome editing in Streptococcus mutans through self-targeting CRISPR arrays. <i>Molecular Oral Microbiology</i> , <b>2018</b> , 33, 440-449	4.6	20
80	Effects of Antimicrobial Peptide GH12 on the Cariogenic Properties and Composition of a Cariogenic Multispecies Biofilm. <i>Applied and Environmental Microbiology</i> , <b>2018</b> , 84,	4.8	20
79	Influence of Helicobacter pylori culture supernatant on the ecological balance of a dual-species oral biofilm. <i>Journal of Applied Oral Science</i> , <b>2018</b> , 26, e20170113	3.3	6
78	Aberrant activation of latent transforming growth factor- $\beta$ initiates the onset of temporomandibular joint osteoarthritis. <i>Bone Research</i> , <b>2018</b> , 6, 26	13.3	13
77	Parathyroid Hormone Directs Bone Marrow Mesenchymal Cell Fate. <i>Cell Metabolism</i> , <b>2017</b> , 25, 661-672	24.6	208
76	A comprehensive profiling of supragingival bacterial composition in Chinese twin children and their mothers. <i>Antonie Van Leeuwenhoek</i> , <b>2017</b> , 110, 615-627	2.1	10

75	Poly(amido amine) and calcium phosphate nanocomposite remineralization of dentin in acidic solution without calcium phosphate ions. <i>Dental Materials</i> , <b>2017</b> , 33, 818-829	5.7	17
74	Comparing cone-beam computed tomography with periapical radiography for assessing root canal obturation in vivo using microsurgical findings as validation. <i>Dentomaxillofacial Radiology</i> , <b>2017</b> , 46, 20160463	3.9	7
73	De novo synthetic short antimicrobial peptides against cariogenic bacteria. <i>Archives of Oral Biology</i> , <b>2017</b> , 80, 41-50	2.8	38
72	Palatal Radicular Groove Morphology of the Maxillary Incisors: A Case Series Report. <i>Journal of Endodontics</i> , <b>2017</b> , 43, 827-833	4.7	8
71	Evaluation of Recombinant Human FGF-2 and PDGF-BB in Periodontal Regeneration: A Systematic Review and Meta-Analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 65	4.9	41
70	Treatment of Necrotic Teeth by Apical Revascularization: Meta-analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 13941	4.9	19
69	Intestinal microbiota: a potential target for the treatment of postmenopausal osteoporosis. <i>Bone Research</i> , <b>2017</b> , 5, 17046	13.3	76
68	Effect of toothpaste containing arginine on dental plaque-A randomized controlled in situ study. <i>Journal of Dentistry</i> , <b>2017</b> , 67, 88-93	4.8	13
67	Nicotine Enhances Interspecies Relationship between and. <i>BioMed Research International</i> , <b>2017</b> , 2017, 7953920	3	13
66	Dental Composite Formulation Design with Bioactivity on Protein Adsorption Combined with Crack-Healing Capability. <i>Journal of Functional Biomaterials</i> , <b>2017</b> , 8,	4.8	6
65	Regenerative Endodontics for Adult Patients. <i>Journal of Endodontics</i> , <b>2017</b> , 43, S57-S64	4.7	31
64	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> , <b>2017</b> , 88, 1297-1308	4.6	13
63	Do quaternary ammonium monomers induce drug resistance in cariogenic, endodontic and periodontal bacterial species?. <i>Dental Materials</i> , <b>2017</b> , 33, 1127-1138	5.7	37
62	Overexpression of MiR-335-5p Promotes Bone Formation and Regeneration in Mice. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 2466-2475	6.3	58
61	Ecological Effect of Arginine on Oral Microbiota. <i>Scientific Reports</i> , <b>2017</b> , 7, 7206	4.9	27
60	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> , <b>2017</b> , 83, 174-180	2.8	23
59	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> , <b>2017</b> , 43, 1522-1527	4.7	8
58	Evaluation of Two Trephine Techniques for Removal of Fractured Rotary Nickel-titanium Instruments from Root Canals. <i>Journal of Endodontics</i> , <b>2017</b> , 43, 116-120	4.7	14

57	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> , <b>2017</b> , 72, 7-17	8.3	28
56	Comparative effect of a stannous fluoride toothpaste and a sodium fluoride toothpaste on a multispecies biofilm. <i>Archives of Oral Biology</i> , <b>2017</b> , 74, 5-11	2.8	18
55	Clotrimazole and econazole inhibit <i>Streptococcus mutans</i> biofilm and virulence in vitro. <i>Archives of Oral Biology</i> , <b>2017</b> , 73, 113-120	2.8	10
54	The remineralization effectiveness of PAMAM dendrimer with different terminal groups on demineralized dentin in vitro. <i>RSC Advances</i> , <b>2017</b> , 7, 54947-54955	3.7	18
53	Calcium phosphate cements for bone engineering and their biological properties. <i>Bone Research</i> , <b>2017</b> , 5, 17056	13.3	155
52	The Role of Reactive Oxygen Species and Autophagy in Periodontitis and Their Potential Linkage. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 439	4.6	75
51	Anti-Caries Effects of Dental Adhesives Containing Quaternary Ammonium Methacrylates with Different Chain Lengths. <i>Materials</i> , <b>2017</b> , 10,	3.5	24
50	Combining Bioactive Multifunctional Dental Composite with PAMAM for Root Dentin Remineralization. <i>Materials</i> , <b>2017</b> , 10,	3.5	16
49	Anti-Bacteria and Microecosystem-Regulating Effects of Dental Implant Coated with Dimethylaminododecyl Methacrylate. <i>Molecules</i> , <b>2017</b> , 22,	4.8	14
48	Mesenchymal Stem Cells for Cartilage Regeneration of TMJ Osteoarthritis. <i>Stem Cells International</i> , <b>2017</b> , 2017, 5979741	5	24
47	The Sirt6 gene: Does it play a role in tooth development?. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174255	3.7	9
46	Comparison of Composition and Anticaries Effect of Extracts with Different Isolation Methods. <i>Open Dentistry Journal</i> , <b>2017</b> , 11, 447-459	0.8	8
45	Effect of nicotine on cariogenic virulence of <i>Streptococcus mutans</i> . <i>Folia Microbiologica</i> , <b>2016</b> , 61, 505-512	2.8	21
44	Preliminary analysis of salivary microbiome and their potential roles in oral lichen planus. <i>Scientific Reports</i> , <b>2016</b> , 6, 22943	4.9	69
43	Differential Utilization of Basic Proline-Rich Glycoproteins during Growth of Oral Bacteria in Saliva. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 5249-58	4.8	16
42	Macrophage activating factor: A potential biomarker of periodontal health status. <i>Archives of Oral Biology</i> , <b>2016</b> , 70, 94-99	2.8	5
41	Inhibition of <i>Streptococcus mutans</i> biofilm formation, extracellular polysaccharide production, and virulence by an oxazole derivative. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 857-67	5.7	39
40	Parathyroid hormone 1 receptor is essential to induce FGF23 production and maintain systemic mineral ion homeostasis. <i>FASEB Journal</i> , <b>2016</b> , 30, 428-40	0.9	51

39	Molecule Targeting Glucosyltransferase Inhibits Streptococcus mutans Biofilm Formation and Virulence. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 126-35	5.9	75
38	Effect of Antimicrobial Denture Base Resin on Multi-Species Biofilm Formation. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	23
37	Regulation of oxidative response and extracellular polysaccharide synthesis by a diadenylate cyclase in Streptococcus mutans. <i>Environmental Microbiology</i> , <b>2016</b> , 18, 904-22	5.2	50
36	l-Arginine Modifies the Exopolysaccharide Matrix and Thwarts Streptococcus mutans Outgrowth within Mixed-Species Oral Biofilms. <i>Journal of Bacteriology</i> , <b>2016</b> , 198, 2651-61	3.5	66
35	New small-molecule inhibitors of dihydrofolate reductase inhibit Streptococcus mutans. <i>International Journal of Antimicrobial Agents</i> , <b>2015</b> , 46, 174-82	14.3	25
34	In situ antibiofilm effect of glass-ionomer cement containing dimethylaminododecyl methacrylate. <i>Dental Materials</i> , <b>2015</b> , 31, 992-1002	5.7	17
33	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> , <b>2015</b> , 41, 931-6	4.7	18
32	Cell cycle control, DNA damage repair, and apoptosis-related pathways control pre-ameloblasts differentiation during tooth development. <i>BMC Genomics</i> , <b>2015</b> , 16, 592	4.5	23
31	Occurrence of Dentinal Microcracks in Severely Curved Root Canals with ProTaper Universal, WaveOne, and ProTaper Next File Systems. <i>Journal of Endodontics</i> , <b>2015</b> , 41, 1875-9	4.7	33
30	Tumor Necrosis Factor Receptor-associated Factor 6 Plays a Role in the Inflammatory Responses of Human Periodontal Ligament Fibroblasts to Enterococcus faecalis. <i>Journal of Endodontics</i> , <b>2015</b> , 41, 1997-2001 <sup>4</sup>	4.7	14
29	The remaining dentin thickness investigation of the attempt to remove broken instrument from mesiobuccal canals of maxillary first molars with virtual simulation technique. <i>BMC Oral Health</i> , <b>2015</b> , 15, 87	3.7	5
28	MicroRNA 224 Regulates Ion Transporter Expression in Ameloblasts To Coordinate Enamel Mineralization. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 2875-90	4.8	18
27	A survey on oral care practices for ventilator-assisted patients in intensive care units in 3A hospitals of mainland China. <i>International Journal of Nursing Practice</i> , <b>2015</b> , 21, 699-708	2.3	5
26	Novel tea polyphenol-modified calcium phosphate nanoparticle and its remineralization potential. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2015</b> , 103, 1525-31	3.5	14
25	Oral microbiota: an overlooked etiology for chemotherapy-induced oral mucositis?. <i>Journal of the Formosan Medical Association</i> , <b>2015</b> , 114, 297-9	3.2	13
24	Effects of gallic acid on the morphology and growth of hydroxyapatite crystals. <i>Archives of Oral Biology</i> , <b>2015</b> , 60, 167-73	2.8	16
23	Oral cavity contains distinct niches with dynamic microbial communities. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 699-710	5.2	177
22	Streptococcus mutans copes with heat stress by multiple transcriptional regulons modulating virulence and energy metabolism. <i>Scientific Reports</i> , <b>2015</b> , 5, 12929	4.9	25

21	BMP7 and EREG Contribute to the Inductive Potential of Dental Mesenchyme. <i>Scientific Reports</i> , <b>2015</b> , 5, 9903	4.9	10
20	Aberrant Activation of TGF- $\beta$ in Subchondral Bone at the Onset of Rheumatoid Arthritis Joint Destruction. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 2033-43	6.3	27
19	Remaining root dentin thickness in mesiobuccal canals of maxillary first molars after attempted removal of broken instrument fragments. <i>Australian Endodontic Journal</i> , <b>2015</b> , 41, 122-7	1.7	7
18	The Use of Quaternary Ammonium to Combat Dental Caries. <i>Materials</i> , <b>2015</b> , 8, 3532-3549	3.5	39
17	Remineralization of initial enamel caries in vitro using a novel peptide based on amelogenin. <i>Frontiers of Materials Science</i> , <b>2015</b> , 9, 293-302	2.5	7
16	Potential of an amelogenin based peptide in promoting remineralization of initial enamel caries. <i>Archives of Oral Biology</i> , <b>2015</b> , 60, 1482-7	2.8	36
15	Remineralization of Demineralized Dentin Induced by Amine-Terminated PAMAM Dendrimer. <i>Macromolecular Materials and Engineering</i> , <b>2015</b> , 300, 107-117	3.9	38
14	Enamel Regeneration in Making a Bioengineered Tooth. <i>Current Stem Cell Research and Therapy</i> , <b>2015</b> , 10, 434-42	3.6	6
13	Phylogenetic and functional gene structure shifts of the oral microbiomes in periodontitis patients. <i>ISME Journal</i> , <b>2014</b> , 8, 1879-91	11.9	114
12	Effective dentinal tubule occlusion induced by polyhydroxy-terminated PAMAM dendrimer in vitro. <i>RSC Advances</i> , <b>2014</b> , 4, 43496-43503	3.7	26
11	Antibacterial activity and ion release of bonding agent containing amorphous calcium phosphate nanoparticles. <i>Dental Materials</i> , <b>2014</b> , 30, 891-901	5.7	87
10	Cell culture-based computer-aided design/computer-aided manufacture bio-enamel as novel treatment for enamel defect. <i>Journal of the Formosan Medical Association</i> , <b>2014</b> , 113, 487-9	3.2	
9	EZH2, a potential regulator of dental pulp inflammation and regeneration. <i>Journal of Endodontics</i> , <b>2014</b> , 40, 1132-8	4.7	42
8	Bone tissue engineering via nanostructured calcium phosphate biomaterials and stem cells. <i>Bone Research</i> , <b>2014</b> , 2, 14017	13.3	232
7	Oral microbiota distinguishes acute lymphoblastic leukemia pediatric hosts from healthy populations. <i>PLoS ONE</i> , <b>2014</b> , 9, e102116	3.7	44
6	A comparative study on root canal repair materials: a cytocompatibility assessment in L929 and MG63 cells. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 463826	2.2	28
5	Development of HuMiChip for functional profiling of human microbiomes. <i>PLoS ONE</i> , <b>2014</b> , 9, e90546	3.7	13
4	Adiponectin ameliorates experimental periodontitis in diet-induced obesity mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e97824	3.7	27



3	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> , <b>2013</b> , 8, e69440	3-7	18
2	HGF enhanced proliferation and differentiation of dental pulp cells. <i>Journal of Endodontics</i> , <b>2006</b> , 32, 736-41	4-7	32
1	The effect of para-aminobenzoic acid on growth and metabolism of <i>Porphyromonas gingivalis</i> . <i>Zhonghua Kou Qiang Yi Xue Za Zhi = Zhonghua Kouqiang Yixue Zazhi = Chinese Journal of Stomatology</i> , <b>2002</b> , 37, 275-7	1-1	1