

# Xin Xu

## 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.

151  
papers

4,667  
citations

34  
h-index

64  
g-index

174  
ext. papers

6,249  
ext. citations

6.7  
avg, IF

6.14  
L-index

#	Paper	IF	Citations
151	Prolactin mediates the relationship between regional gray matter volume and postpartum depression symptoms.. <i>Journal of Affective Disorders</i> , <b>2022</b> , 301, 253-259	6.6	2
150	Evaluation of the Antibacterial and Anti-Inflammatory Effects of a Natural Products-Containing Toothpaste.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 827643	5.9	0
149	The Application of Small Molecules to the Control of Typical Species Associated With Oral Infectious Diseases.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 816386	5.9	0
148	Oral microbiota in human systematic diseases.. <i>International Journal of Oral Science</i> , <b>2022</b> , 14, 14	27.9	9
147	Oral Microbiota-Host Interaction Mediated by Taste Receptors.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 802504	5.9	0
146	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
145	FF-ATPase Contributes to the Fluoride Tolerance and Cariogenicity of .. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 777504	5.7	0
144	Regulation effect of lipopolysaccharide on the alternative splicing and function of sweet taste receptor T1R2. <i>Hua Xi Kou Qiang Yi Xue Za Zhi = Huaxi Kouqiang Yixue Zazhi = West China Journal of Stomatology</i> , <b>2021</b> , 39, 469-474		1
143	Coexistence of and increases biofilm virulence and periapical lesions in rats. <i>Biofouling</i> , <b>2021</b> , 1-11	3.3	1
142	Small Molecule Compounds, A Novel Strategy against .. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	1
141	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
140	Brain Entropy Study on Obsessive-Compulsive Disorder Using Resting-State fMRI. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 764328	5	
139	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
138	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
137	A Novel Small Molecule, LCG-N25, Inhibits Oral Streptococcal Biofilm. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 654692	5.7	3
136	The microbiota-gut-bone axis and bone health. <i>Journal of Leukocyte Biology</i> , <b>2021</b> , 110, 525-537	6.5	8
135	The Effects of Nonnutritive Sweeteners on the Cariogenic Potential of Oral Microbiome. <i>BioMed Research International</i> , <b>2021</b> , 2021, 9967035	3	1

134	A salivary microbiome-based auxiliary diagnostic model for type 2 diabetes mellitus. <i>Archives of Oral Biology</i> , <b>2021</b> , 126, 105118	2.8	4
133	Probiotics ameliorate alveolar bone loss by regulating gut microbiota. <i>Cell Proliferation</i> , <b>2021</b> , 54, e130759	7.9	6
132	Probiotic K12 Alleviates Radiation-Induced Oral Mucositis in Mice. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 684824	8.4	2
131	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
130	<i>Candida albicans</i> promotes tooth decay by inducing oral microbial dysbiosis. <i>ISME Journal</i> , <b>2021</b> , 15, 894-908	10.8	26
129	Hippocampal subfield alterations in pediatric patients with post-traumatic stress disorder. <i>Social Cognitive and Affective Neuroscience</i> , <b>2021</b> , 16, 334-344	4	0
128	A small molecule II-6s inhibits biofilms. <i>Journal of Oral Microbiology</i> , <b>2021</b> , 13, 1978756	6.3	
127	LiCl Promotes Recovery of Radiation-Induced Oral Mucositis and Dysgeusia. <i>Journal of Dental Research</i> , <b>2021</b> , 100, 754-763	8.1	1
126	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
125	TAS2R16 Activation Suppresses LPS-Induced Cytokine Expression in Human Gingival Fibroblasts.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 726546	8.4	2
124	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
123	Epigenetic Regulation of Dental Pulp Stem Cell Fate. <i>Stem Cells International</i> , <b>2020</b> , 2020, 8876265	5	7
122	Saliva is a non-negligible factor in the spread of COVID-19. <i>Molecular Oral Microbiology</i> , <b>2020</b> , 35, 141-145	15.6	85
121	Induces Insulin Resistance by Increasing BCAA Levels in Mice. <i>Journal of Dental Research</i> , <b>2020</b> , 99, 839-846	8.6	17
120	Magnesium-Dependent Promotion of HO Production Increases Ecological Competitiveness of Oral Commensal Streptococci. <i>Journal of Dental Research</i> , <b>2020</b> , 99, 847-854	8.1	1
119	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
118	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
117	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

116	Supragingival Microbes <b>2020</b> , 81-143		
115	The Oral Microbiome Bank of China <b>2020</b> , 287-300		0
114	Intestinal Microbiota and Osteoporosis <b>2020</b> , 333-357		
113	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
112	Repurposing Napabucasin as an Antimicrobial Agent against Oral Streptococcal Biofilms. <i>BioMed Research International</i> , <b>2020</b> , 2020, 8379526	3	7
111	3D-Printed Nerve Conduits with Live Platelets for Effective Peripheral Nerve Repair. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2004272	15.6	18
110	The microbial coinfection in COVID-19. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 7777-7785	5.7	98
109	Dentists Are at a Higher Risk for Oral Infection. <i>BioMed Research International</i> , <b>2020</b> , 2020, 3945189	3	1
108	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of Streptococcus mutans. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008774	7.6	7
107	Transforming growth factor- $\beta$ and skeletal homeostasis <b>2020</b> , 1153-1187		
106	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of Streptococcus mutans <b>2020</b> , 16, e1008774		
105	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of Streptococcus mutans <b>2020</b> , 16, e1008774		
104	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of Streptococcus mutans <b>2020</b> , 16, e1008774		
103	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of Streptococcus mutans <b>2020</b> , 16, e1008774		
102	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of Streptococcus mutans <b>2020</b> , 16, e1008774		
101	S-glutathionylation proteome profiling reveals a crucial role of a thioredoxin-like protein in interspecies competition and cariogenicity of Streptococcus mutans <b>2020</b> , 16, e1008774		
100	Dental Follicle Cells: Roles in Development and Beyond. <i>Stem Cells International</i> , <b>2019</b> , 2019, 9159605	5	31
99	Gingival solitary chemosensory cells are immune sentinels for periodontitis. <i>Nature Communications</i> , <b>2019</b> , 10, 4496	17.4	28

98	Dysconnectivity of the medio-dorsal thalamic nucleus in drug-naïve first episode schizophrenia: diagnosis-specific or trans-diagnostic effect?. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 9	8.6	4
97	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
96	Biomineralization of dentin. <i>Journal of Structural Biology</i> , <b>2019</b> , 207, 115-122	3.4	24
95	Polydiacetylene-Nanoparticle-Functionalized Microgels for Topical Bacterial Infection Treatment. <i>ACS Macro Letters</i> , <b>2019</b> , 563-568	6.6	13
94	A Novel Small Molecule, ZY354, Inhibits Dental Caries-Associated Oral Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	12
93	One-Carbon Metabolism Links Nutrition Intake to Embryonic Development via Epigenetic Mechanisms. <i>Stem Cells International</i> , <b>2019</b> , 2019, 3894101	5	12
92	Rapid 3D printing of functional nanoparticle-enhanced conduits for effective nerve repair. <i>Acta Biomaterialia</i> , <b>2019</b> , 90, 49-59	10.8	70
91	A transdiagnostic neuroanatomical signature of psychiatric illness. <i>Neuropsychopharmacology</i> , <b>2019</b> , 44, 869-875	8.7	27
90	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
89	Genetic Regulation of Streptococci by Small RNAs. <i>Current Issues in Molecular Biology</i> , <b>2019</b> , 32, 39-86	2.9	0
88	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
87	Comparative analysis of the oral microbiota between iron-deficiency anaemia (IDA) patients and healthy individuals by high-throughput sequencing. <i>BMC Oral Health</i> , <b>2019</b> , 19, 255	3.7	7
86	Berberine Ameliorates Periodontal Bone Loss by Regulating Gut Microbiota. <i>Journal of Dental Research</i> , <b>2019</b> , 98, 107-116	8.1	36
85	Salivary protease spectrum biomarkers of oral cancer. <i>International Journal of Oral Science</i> , <b>2019</b> , 11, 7	27.9	26
84	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
83	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
82	Nicotine is a risk factor for dental caries: An study. <i>Journal of Dental Sciences</i> , <b>2018</b> , 13, 30-36	2.5	15
81	Transforming growth factor-β in stem cells and tissue homeostasis. <i>Bone Research</i> , <b>2018</b> , 6, 2	13.3	143

80	Oral health in China: from vision to action. <i>International Journal of Oral Science</i> , <b>2018</b> , 10, 1	27.9	46
79	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
78	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
77	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
76	Insights into the Regulation of Yap/Taz from Cellular Systems and Mouse Models. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 16-25	3.6	
75	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
74	Bivalent Histone Modifications and Development. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 83-90	3.6	31
73	Epigenetic Regulations in the Pathogenesis of Periodontitis. <i>Current Stem Cell Research and Therapy</i> , <b>2018</b> , 13, 144-150	3.6	9
72	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
71	Psychoradiologic Utility of MR Imaging for Diagnosis of Attention Deficit Hyperactivity Disorder: A Radiomics Analysis. <i>Radiology</i> , <b>2018</b> , 287, 620-630	20.5	81
70	Novel Approaches to the Control of Oral Microbial Biofilms. <i>BioMed Research International</i> , <b>2018</b> , 2018, 6498932	3	45
69	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
68	Growth Media Affect Assessment of Antimicrobial Activity of Plant-Derived Polyphenols. <i>BioMed Research International</i> , <b>2018</b> , 2018, 8308640	3	6
67	Wnt3 and transforming growth factor- $\beta$ induce myofibroblast differentiation from periodontal ligament cells via different pathways. <i>Experimental Cell Research</i> , <b>2017</b> , 353, 55-62	4.2	9
66	Marginal bone loss around non-submerged implants is associated with salivary microbiome during bone healing. <i>International Journal of Oral Science</i> , <b>2017</b> , 9, 95-103	27.9	14
65	Hope and the brain: Trait hope mediates the protective role of medial orbitofrontal cortex spontaneous activity against anxiety. <i>NeuroImage</i> , <b>2017</b> , 157, 439-447	7.9	28
64	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
63	Emerging Trends for Microbiome Analysis: From Single-Cell Functional Imaging to Microbiome Big Data. <i>Engineering</i> , <b>2017</b> , 3, 66-70	9.7	19

62	Intestinal microbiota: a potential target for the treatment of postmenopausal osteoporosis. <i>Bone Research</i> , <b>2017</b> , 5, 17046	13.3	76
61	Nicotine Enhances Interspecies Relationship between and. <i>BioMed Research International</i> , <b>2017</b> , 2017, 7953920	3	13
60	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
59	Brain grey matter volume alterations associated with antidepressant response in major depressive disorder. <i>Scientific Reports</i> , <b>2017</b> , 7, 10464	4.9	16
58	Ecological Effect of Arginine on Oral Microbiota. <i>Scientific Reports</i> , <b>2017</b> , 7, 7206	4.9	27
57	Dysregulation of the miR-146a-Smad4 axis impairs osteogenesis of bone mesenchymal stem cells under inflammation. <i>Bone Research</i> , <b>2017</b> , 5, 17037	13.3	26
56	Network-Level Dysconnectivity in Drug-Naïve First-Episode Psychosis: Dissociating Transdiagnostic and Diagnosis-Specific Alterations. <i>Neuropsychopharmacology</i> , <b>2017</b> , 42, 933-940	8.7	33
55	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
54	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
53	Mesenchymal Stem Cells for Cartilage Regeneration of TMJ Osteoarthritis. <i>Stem Cells International</i> , <b>2017</b> , 2017, 5979741	5	24
52	Hyperosmotic Response of Streptococcus Mutans: from Microscopic Physiology to Transcriptomic Profile <b>2016</b> , 677-686		
51	Saliva in the diagnosis of diseases. <i>International Journal of Oral Science</i> , <b>2016</b> , 8, 133-7	27.9	171
50	Excessive Activation of TGFβ by Spinal Instability Causes Vertebral Endplate Sclerosis. <i>Scientific Reports</i> , <b>2016</b> , 6, 27093	4.9	35
49	Effect of nicotine on cariogenic virulence of Streptococcus mutans. <i>Folia Microbiologica</i> , <b>2016</b> , 61, 505-512	12.8	21
48	Alanine racemase is essential for the growth and interspecies competitiveness of Streptococcus mutans. <i>International Journal of Oral Science</i> , <b>2016</b> , 8, 231-238	27.9	11
47	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
46	Novel Cavity Disinfectants Containing Quaternary Ammonium Monomer Dimethylaminododecyl Methacrylate. <i>Materials</i> , <b>2016</b> , 9,	3.5	11
45	Estrogen Deficiency Leads to Further Bone Loss in the Mandible of CKD Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148804	3.9	12



44	Regulation of oxidative response and extracellular polysaccharide synthesis by a diadenylate cyclase in <i>Streptococcus mutans</i> . <i>Environmental Microbiology</i> , <b>2016</b> , 18, 904-22	5.2	50
43	d-Alanine metabolism is essential for growth and biofilm formation of <i>Streptococcus mutans</i> . <i>Molecular Oral Microbiology</i> , <b>2016</b> , 31, 435-44	4.6	31
42	Sclerostin is essential for alveolar bone loss in occlusal hypofunction. <i>Experimental and Therapeutic Medicine</i> , <b>2016</b> , 11, 1812-1818	2.1	8
41	Combinatorial effects of arginine and fluoride on oral bacteria. <i>Journal of Dental Research</i> , <b>2015</b> , 94, 344-53	8.1	58
40	Effect of antibacterial dental adhesive on multispecies biofilms formation. <i>Journal of Dental Research</i> , <b>2015</b> , 94, 622-9	8.1	81
39	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
38	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
37	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
36	Oral cavity contains distinct niches with dynamic microbial communities. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 699-710	5.2	177
35	Decreased osteogenesis of adult mesenchymal stem cells by reactive oxygen species under cyclic stretch: a possible mechanism of age related osteoporosis. <i>Bone Research</i> , <b>2015</b> , 3, 15003	13.3	62
34	<i>Streptococcus mutans</i> 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
33	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
32	Arginine promotes fluoride uptake into artificial carious lesions in vitro. <i>Australian Dental Journal</i> , <b>2015</b> , 60, 104-11	2.3	20
31	Effects of TGF- $\beta$ on OPG/RANKL expression of cementoblasts and osteoblasts are similar without stress but different with mechanical compressive stress. <i>Scientific World Journal, The</i> , <b>2015</b> , 2015, 718180 <sup>2</sup>	2.2	12
30	8DSS-promoted remineralization of demineralized dentin in vitro. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 6763-6772	7.3	26
29	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
28	Dental Stem Cell in Tooth Development and Advances of Adult Dental Stem Cell in Regenerative Therapies. <i>Current Stem Cell Research and Therapy</i> , <b>2015</b> , 10, 375-83	3.6	6
27	Stem Cell-based Tooth Engineering and their Potential in Dental Medicine. <i>Current Stem Cell Research and Therapy</i> , <b>2015</b> , 10, 443-9	3.6	2



26	Histone Modification in Osteogenic Differentiation of Skeletal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , <b>2015</b> , 10, 457-64	3.6	1
25	Functional and Molecular Changes of MSCs in Aging. <i>Current Stem Cell Research and Therapy</i> , <b>2015</b> , 10, 384-91	3.6	6
24	Enamel Regeneration in Making a Bioengineered Tooth. <i>Current Stem Cell Research and Therapy</i> , <b>2015</b> , 10, 434-42	3.6	6
23	Epigenetic Control of Gene Function in Enamel Development. <i>Current Stem Cell Research and Therapy</i> , <b>2015</b> , 10, 405-11	3.6	7
22	Dental Mesenchymal Stem Cells in Inflamed Microenvironment: Potentials and Challenges for Regeneration. <i>Current Stem Cell Research and Therapy</i> , <b>2015</b> , 10, 412-21	3.6	8
21	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
20	Modulation of Wnt/ $\beta$ -catenin signaling attenuates periapical bone lesions. <i>Journal of Dental Research</i> , <b>2014</b> , 93, 175-82	8.1	35
19	Effects of Nicotine on <i>Streptococcus gordonii</i> Growth, Biofilm Formation, and Cell Aggregation. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 7212-8	4.8	43
18	Oral microbiota distinguishes acute lymphoblastic leukemia pediatric hosts from healthy populations. <i>PLoS ONE</i> , <b>2014</b> , 9, e102116	3.7	44
17	Bivalent histone modifications during tooth development. <i>International Journal of Oral Science</i> , <b>2014</b> , 6, 205-11	27.9	23
16	Antibacterial effect of dental adhesive containing dimethylaminododecyl methacrylate on the development of <i>Streptococcus mutans</i> biofilm. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 12791-806	6.3	46
15	Effects of simulated microgravity on <i>Streptococcus mutans</i> physiology and biofilm structure. <i>FEMS Microbiology Letters</i> , <b>2014</b> , 359, 94-101	2.9	12
14	Bilateral mandibular canines with single root and multiple canals. <i>Journal of Dental Sciences</i> , <b>2014</b> , 9, 199-201	2.5	
13	Crosstalk between miR-34a and Notch Signaling Promotes Differentiation in Apical Papilla Stem Cells (SCAPs). <i>Journal of Dental Research</i> , <b>2014</b> , 93, 589-95	8.1	50
12	Effects of ginkgoneolic acid on the growth, acidogenicity, adherence, and biofilm of <i>Streptococcus mutans</i> in vitro. <i>Folia Microbiologica</i> , <b>2013</b> , 58, 147-53	2.8	25
11	Hyperosmotic response of <i>streptococcus mutans</i> : from microscopic physiology to transcriptomic profile. <i>BMC Microbiology</i> , <b>2013</b> , 13, 275	4.5	13
10	Characterization of dentin matrix biomodified by <i>Galla chinensis</i> extract. <i>Journal of Endodontics</i> , <b>2013</b> , 39, 542-7	4.7	10
9	Involvement of gshAB in the interspecies competition within oral biofilm. <i>Journal of Dental Research</i> , <b>2013</b> , 92, 819-24	8.1	51

8	Effects of 45S5 bioglass on surface properties of dental enamel subjected to 35% hydrogen peroxide. <i>International Journal of Oral Science</i> , <b>2013</b> , 5, 103-10	27.9	35
7	The effects of light on bleaching and tooth sensitivity during in-office vital bleaching: a systematic review and meta-analysis. <i>Journal of Dentistry</i> , <b>2012</b> , 40, 644-53	4.8	81
6	Tea catechin epigallocatechin gallate inhibits <i>Streptococcus mutans</i> biofilm formation by suppressing <i>gtf</i> genes. <i>Archives of Oral Biology</i> , <b>2012</b> , 57, 678-83	2.8	110
5	The tea catechin epigallocatechin gallate suppresses cariogenic virulence factors of <i>Streptococcus mutans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2011</b> , 55, 1229-36	5.9	201
4	In vitro synergism between berberine and miconazole against planktonic and biofilm <i>Candida</i> cultures. <i>Archives of Oral Biology</i> , <b>2011</b> , 56, 565-72	2.8	60
3	Tea catechin EGCg suppresses the <i>mgl</i> gene associated with halitosis. <i>Journal of Dental Research</i> , <b>2010</b> , 89, 1304-8	8.1	27
2	The prevalence of tooth discolouration and the self-satisfaction with tooth colour in a Chinese urban population. <i>Journal of Oral Rehabilitation</i> , <b>2007</b> , 34, 351-60	3.4	57
1	Expression of the <i>Neisseria gonorrhoeae</i> major outer membrane protein PI in <i>Escherichia coli</i> . <i>World Journal of Microbiology and Biotechnology</i> , <b>2006</b> , 22, 693-700	4.4	