

Xuedong Zhou

List of Publications by Citations

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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	Transmission routes of 2019-nCoV and controls in dental practice. <i>International Journal of Oral Science</i> , 2020 , 12, 9	27.9	960
271	Bone tissue engineering via nanostructured calcium phosphate biomaterials and stem cells. <i>Bone Research</i> , 2014 , 2, 14017	13.3	232
270	Parathyroid Hormone Directs Bone Marrow Mesenchymal Cell Fate. <i>Cell Metabolism</i> , 2017 , 25, 661-672	24.6	208
269	Saliva: potential diagnostic value and transmission of 2019-nCoV. <i>International Journal of Oral Science</i> , 2020 , 12, 11	27.9	183
268	Oral cavity contains distinct niches with dynamic microbial communities. <i>Environmental Microbiology</i> , 2015 , 17, 699-710	5.2	177
267	Calcium phosphate cements for bone engineering and their biological properties. <i>Bone Research</i> , 2017 , 5, 17056	13.3	155
266	Mettl3-mediated mA RNA methylation regulates the fate of bone marrow mesenchymal stem cells and osteoporosis. <i>Nature Communications</i> , 2018 , 9, 4772	17.4	153
265	Transforming growth factor- β in stem cells and tissue homeostasis. <i>Bone Research</i> , 2018 , 6, 2	13.3	143
264	Phylogenetic and functional gene structure shifts of the oral microbiomes in periodontitis patients. <i>ISME Journal</i> , 2014 , 8, 1879-91	11.9	114
263	Antibacterial activity and ion release of bonding agent containing amorphous calcium phosphate nanoparticles. <i>Dental Materials</i> , 2014 , 30, 891-901	5.7	87
262	Saliva is a non-negligible factor in the spread of COVID-19. <i>Molecular Oral Microbiology</i> , 2020 , 35, 141-145	4.6	85
261	Intestinal microbiota: a potential target for the treatment of postmenopausal osteoporosis. <i>Bone Research</i> , 2017 , 5, 17046	13.3	76
260	Molecule Targeting Glucosyltransferase Inhibits Streptococcus mutans Biofilm Formation and Virulence. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 126-35	5.9	75
259	The Role of Reactive Oxygen Species and Autophagy in Periodontitis and Their Potential Linkage. <i>Frontiers in Physiology</i> , 2017 , 8, 439	4.6	75
258	Preliminary analysis of salivary microbiome and their potential roles in oral lichen planus. <i>Scientific Reports</i> , 2016 , 6, 22943	4.9	69
257	l-Arginine Modifies the Exopolysaccharide Matrix and Thwarts Streptococcus mutans Outgrowth within Mixed-Species Oral Biofilms. <i>Journal of Bacteriology</i> , 2016 , 198, 2651-61	3.5	66
256	Overexpression of MiR-335-5p Promotes Bone Formation and Regeneration in Mice. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 2466-2475	6.3	58

255	Parathyroid hormone 1 receptor is essential to induce FGF23 production and maintain systemic mineral ion homeostasis. <i>FASEB Journal</i> , 2016 , 30, 428-40	0.9	51
254	Regulation of oxidative response and extracellular polysaccharide synthesis by a diadenylate cyclase in <i>Streptococcus mutans</i> . <i>Environmental Microbiology</i> , 2016 , 18, 904-22	5.2	50
253	Substrate elasticity regulates adipose-derived stromal cell differentiation towards osteogenesis and adipogenesis through E-catenin transduction. <i>Acta Biomaterialia</i> , 2018 , 79, 83-95	10.8	47
252	Oral health in China: from vision to action. <i>International Journal of Oral Science</i> , 2018 , 10, 1	27.9	46
251	Common dental diseases in children and malocclusion. <i>International Journal of Oral Science</i> , 2018 , 10, 7	27.9	46
250	Oral microbiota distinguishes acute lymphoblastic leukemia pediatric hosts from healthy populations. <i>PLoS ONE</i> , 2014 , 9, e102116	3.7	44
249	EZH2, a potential regulator of dental pulp inflammation and regeneration. <i>Journal of Endodontics</i> , 2014 , 40, 1132-8	4.7	42
248	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	4.9	41
247	Antimicrobial peptide GH12 suppresses cariogenic virulence factors of. <i>Journal of Oral Microbiology</i> , 2018 , 10, 1442089	6.3	40
246	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, 857-67	5.7	39
245	The Use of Quaternary Ammonium to Combat Dental Caries. <i>Materials</i> , 2015 , 8, 3532-3549	3.5	39
244	De novo synthetic short antimicrobial peptides against cariogenic bacteria. <i>Archives of Oral Biology</i> , 2017 , 80, 41-50	2.8	38
243	Remineralization of Demineralized Dentin Induced by Amine-Terminated PAMAM Dendrimer. <i>Macromolecular Materials and Engineering</i> , 2015 , 300, 107-117	3.9	38
242	Do quaternary ammonium monomers induce drug resistance in cariogenic, endodontic and periodontal bacterial species?. <i>Dental Materials</i> , 2017 , 33, 1127-1138	5.7	37
241	Potential of an amelogenin based peptide in promoting remineralization of initial enamel caries. <i>Archives of Oral Biology</i> , 2015 , 60, 1482-7	2.8	36
240	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	8.3	36
239	Heterotopic ossification: Mechanistic insights and clinical challenges. <i>Bone</i> , 2018 , 109, 134-142	4.7	35
238	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, 1875-9	4.7	33

237	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	6.8	33
236	HGF enhanced proliferation and differentiation of dental pulp cells. <i>Journal of Endodontics</i> , 2006 , 32, 736-41	4.7	32
235	Potential implications of SARS-CoV-2 oral infection in the host microbiota. <i>Journal of Oral Microbiology</i> , 2020 , 13, 1853451	6.3	32
234	Dental Follicle Cells: Roles in Development and Beyond. <i>Stem Cells International</i> , 2019 , 2019, 9159605	5	31
233	Ciliary parathyroid hormone signaling activates transforming growth factor- β to maintain intervertebral disc homeostasis during aging. <i>Bone Research</i> , 2018 , 6, 21	13.3	31
232	Regenerative Endodontics for Adult Patients. <i>Journal of Endodontics</i> , 2017 , 43, S57-S64	4.7	31
231	Bivalent Histone Modifications and Development. <i>Current Stem Cell Research and Therapy</i> , 2018 , 13, 83-90	3.6	31
230	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	2.8	30
229	Gingival solitary chemosensory cells are immune sentinels for periodontitis. <i>Nature Communications</i> , 2019 , 10, 4496	17.4	28
228	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	4.1	28
227	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	11.5	28
226	Development and status of resin composite as dental restorative materials. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 48180	2.9	28
225	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	8.3	28
224	A comparative study on root canal repair materials: a cytocompatibility assessment in L929 and MG63 cells. <i>Scientific World Journal, The</i> , 2014 , 2014, 463826	2.2	28
223	Parenchymal and stromal tissue regeneration of tooth organ by pivotal signals reinstated in decellularized matrix. <i>Nature Materials</i> , 2019 , 18, 627-637	27	27
222	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	5.7	27
221	Ecological Effect of Arginine on Oral Microbiota. <i>Scientific Reports</i> , 2017 , 7, 7206	4.9	27
220	Aberrant Activation of TGF- β in Subchondral Bone at the Onset of Rheumatoid Arthritis Joint Destruction. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 2033-43	6.3	27

219	Adiponectin ameliorates experimental periodontitis in diet-induced obesity mice. <i>PLoS ONE</i> , 2014 , 9, e97824	3.7	27
218	Dental remineralization via poly(amido amine) and restorative materials containing calcium phosphate nanoparticles. <i>International Journal of Oral Science</i> , 2019 , 11, 15	27.9	26
217	Ecological Shifts of Supragingival Microbiota in Association with Pregnancy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 24	5.9	26
216	Effective dentinal tubule occlusion induced by polyhydroxy-terminated PAMAM dendrimer in vitro. <i>RSC Advances</i> , 2014 , 4, 43496-43503	3.7	26
215	Salivary protease spectrum biomarkers of oral cancer. <i>International Journal of Oral Science</i> , 2019 , 11, 7	27.9	26
214	<i>Candida albicans</i> promotes tooth decay by inducing oral microbial dysbiosis. <i>ISME Journal</i> , 2021 , 15, 894-908	27.9	26
213	Wnt signaling controls intramembranous ossification during cranial bone development by regulating both Hedgehog and Wnt/ β -catenin signaling. <i>Bone Research</i> , 2018 , 6, 33	13.3	26
212	New small-molecule inhibitors of dihydrofolate reductase inhibit <i>Streptococcus mutans</i> . <i>International Journal of Antimicrobial Agents</i> , 2015 , 46, 174-82	14.3	25
211	Faecal microbiota transplantation from metabolically compromised human donors accelerates osteoarthritis in mice. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 646-656	2.4	25
210	The Impact of Smoking on Subgingival Microflora: From Periodontal Health to Disease. <i>Frontiers in Microbiology</i> , 2020 , 11, 66	5.7	25
209	<i>Streptococcus mutans</i> copes with heat stress by multiple transcriptional regulons modulating virulence and energy metabolism. <i>Scientific Reports</i> , 2015 , 5, 12929	4.9	25
208	Anti-Caries Effects of Dental Adhesives Containing Quaternary Ammonium Methacrylates with Different Chain Lengths. <i>Materials</i> , 2017 , 10,	3.5	24
207	Mesenchymal Stem Cells for Cartilage Regeneration of TMJ Osteoarthritis. <i>Stem Cells International</i> , 2017 , 2017, 5979741	5	24
206	Cell cycle control, DNA damage repair, and apoptosis-related pathways control pre-ameloblasts differentiation during tooth development. <i>BMC Genomics</i> , 2015 , 16, 592	4.5	23
205	Sucrose promotes caries progression by disrupting the microecological balance in oral biofilms: an in vitro study. <i>Scientific Reports</i> , 2020 , 10, 2961	4.9	23
204	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	5.7	23
203	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	27.9	23
202	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	2.8	23

201	Effect of Antimicrobial Denture Base Resin on Multi-Species Biofilm Formation. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	23
200	Long-term dentin remineralization by poly(amido amine) and rechargeable calcium phosphate nanocomposite after fluid challenges. <i>Dental Materials</i> , 2018 , 34, 607-618	5.7	22
199	Plasticity of the Pyruvate Node Modulates Hydrogen Peroxide Production and Acid Tolerance in Multiple Oral Streptococci. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	21
198	Effect of nicotine on cariogenic virulence of <i>Streptococcus mutans</i> . <i>Folia Microbiologica</i> , 2016 , 61, 505-512	4.8	21
197	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	8.5	21
196	Minimal invasive microscopic tooth preparation in esthetic restoration: a specialist consensus. <i>International Journal of Oral Science</i> , 2019 , 11, 31	27.9	20
195	Drug resistance of oral bacteria to new antibacterial dental monomer dimethylaminohexadecyl methacrylate. <i>Scientific Reports</i> , 2018 , 8, 5509	4.9	20
194	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	27.9	20
193	Evaluation of Chitosan Hydrogel for Sustained Delivery of VEGF for Odontogenic Differentiation of Dental Pulp Stem Cells. <i>Stem Cells International</i> , 2019 , 2019, 1515040	5	20
192	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	3.1	20
191	Two-staged time-dependent materials for the prevention of implant-related infections. <i>Acta Biomaterialia</i> , 2020 , 101, 128-140	10.8	20
190	Genome editing in <i>Streptococcus mutans</i> through self-targeting CRISPR arrays. <i>Molecular Oral Microbiology</i> , 2018 , 33, 440-449	4.6	20
189	Effects of Antimicrobial Peptide GH12 on the Cariogenic Properties and Composition of a Cariogenic Multispecies Biofilm. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	20
188	Treatment of Necrotic Teeth by Apical Revascularization: Meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 13941	4.9	19
187	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	5.3	19
186	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	2.9	19
185	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	3.5	19
184	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, 931-6	4.7	18

183	MicroRNA 224 Regulates Ion Transporter Expression in Ameloblasts To Coordinate Enamel Mineralization. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2875-90	4.8	18
182	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	2.8	18
181	The remineralization effectiveness of PAMAM dendrimer with different terminal groups on demineralized dentin in vitro. <i>RSC Advances</i> , 2017 , 7, 54947-54955	3.7	18
180	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	3.7	18
179	Poly(amido amine) and calcium phosphate nanocomposite remineralization of dentin in acidic solution without calcium phosphate ions. <i>Dental Materials</i> , 2017 , 33, 818-829	5.7	17
178	In situ antibiofilm effect of glass-ionomer cement containing dimethylaminododecyl methacrylate. <i>Dental Materials</i> , 2015 , 31, 992-1002	5.7	17
177	Transforming growth factor- β up-regulates connexin43 expression in osteocytes via canonical Smad-dependent signaling pathway. <i>Bioscience Reports</i> , 2018 , 38,	4.1	17
176	iTRAQ-based quantitative analysis of age-specific variations in salivary proteome of caries-susceptible individuals. <i>Journal of Translational Medicine</i> , 2018 , 16, 293	8.5	17
175	Dentin remineralization via adhesive containing amorphous calcium phosphate nanoparticles in a biofilm-challenged environment. <i>Journal of Dentistry</i> , 2019 , 89, 103193	4.8	16
174	Effects of gallic acid on the morphology and growth of hydroxyapatite crystals. <i>Archives of Oral Biology</i> , 2015 , 60, 167-73	2.8	16
173	Differential Utilization of Basic Proline-Rich Glycoproteins during Growth of Oral Bacteria in Saliva. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 5249-58	4.8	16
172	Combining Bioactive Multifunctional Dental Composite with PAMAM for Root Dentin Remineralization. <i>Materials</i> , 2017 , 10,	3.5	16
171	Bifunctional anticaries peptides with antibacterial and remineralizing effects. <i>Oral Diseases</i> , 2019 , 25, 488-496	3.5	16
170	Reactive Oxygen Species in Pathogen Clearance: The Killing Mechanisms, the Adaption Response, and the Side Effects. <i>Frontiers in Microbiology</i> , 2020 , 11, 622534	5.7	16
169	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	2.8	15
168	Dickkopf-1 may regulate bone coupling by attenuating wnt/ β catenin signaling in chronic apical periodontitis. <i>Archives of Oral Biology</i> , 2018 , 86, 94-100	2.8	15
167	Poly(amido amine) and rechargeable adhesive containing calcium phosphate nanoparticles for long-term dentin remineralization. <i>Journal of Dentistry</i> , 2019 , 85, 47-56	4.8	14
166	Novel tea polyphenol-modified calcium phosphate nanoparticle and its remineralization potential. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 1525-31	3.5	14

165	8DSS peptide induced effective dentinal tubule occlusion in vitro. <i>Dental Materials</i> , 2018 , 34, 629-640	5.7	14
164	Evidence for excessive osteoclast activation in SIRT6 null mice. <i>Scientific Reports</i> , 2018 , 8, 10992	4.9	14
163	Evaluation of Two Trepine Techniques for Removal of Fractured Rotary Nickel-titanium Instruments from Root Canals. <i>Journal of Endodontics</i> , 2017 , 43, 116-120	4.7	14
162	Anti-Bacteria and Microecosystem-Regulating Effects of Dental Implant Coated with Dimethylaminododecyl Methacrylate. <i>Molecules</i> , 2017 , 22,	4.8	14
161	Effect of toothpaste containing arginine on dental plaque-A randomized controlled in situ study. <i>Journal of Dentistry</i> , 2017 , 67, 88-93	4.8	13
160	Epiregulin enhances odontoblastic differentiation of dental pulp stem cells via activating MAPK signalling pathway. <i>Cell Proliferation</i> , 2019 , 52, e12680	7.9	13
159	Oral microbiota: an overlooked etiology for chemotherapy-induced oral mucositis?. <i>Journal of the Formosan Medical Association</i> , 2015 , 114, 297-9	3.2	13
158	Anti-caries effect of resin infiltrant modified by quaternary ammonium monomers. <i>Journal of Dentistry</i> , 2020 , 97, 103355	4.8	13
157	Nicotine Enhances Interspecies Relationship between and. <i>BioMed Research International</i> , 2017 , 2017, 7953920	3	13
156	Taxonomic and Functional Analyses of the Supragingival Microbiome from Caries-Affected and Caries-Free Hosts. <i>Microbial Ecology</i> , 2018 , 75, 543-554	4.4	13
155	Compliant Substratum Changes Osteocyte Functions: The Role of ITGB3/FAK/ECatenin Signaling Matters.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 792-801	4.1	13
154	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	4.6	13
153	Development of HuMiChip for functional profiling of human microbiomes. <i>PLoS ONE</i> , 2014 , 9, e90546	3.7	13
152	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	5.7	13
151	Aberrant activation of latent transforming growth factor- β initiates the onset of temporomandibular joint osteoarthritis. <i>Bone Research</i> , 2018 , 6, 26	13.3	13
150	A Novel Small Molecule, ZY354, Inhibits Dental Caries-Associated Oral Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	12
149	One-Carbon Metabolism Links Nutrition Intake to Embryonic Development via Epigenetic Mechanisms. <i>Stem Cells International</i> , 2019 , 2019, 3894101	5	12
148	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> , 2018 , 12, e550-e565	4.4	12

147	TGF- β facilitates cell-cell communication in osteocytes via connexin43- and pannexin1-dependent gap junctions. <i>Cell Death Discovery</i> , 2019 , 5, 141	6.9	12
146	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	5.7	12
145	Human salivary proteins and their peptidomimetics: Values of function, early diagnosis, and therapeutic potential in combating dental caries. <i>Archives of Oral Biology</i> , 2019 , 99, 31-42	2.8	12
144	Targeting tumor-associated macrophages in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2020 , 106, 104723	4.4	12
143	Influence of Endodontic Procedure on the Adherence of Enterococcus faecalis. <i>Journal of Endodontics</i> , 2019 , 45, 943-949	4.7	11
142	CRISPR-Cas systems in oral microbiome: From immune defense to physiological regulation. <i>Molecular Oral Microbiology</i> , 2020 , 35, 41-48	4.6	11
141	Function of alanine racemase in the physiological activity and cariogenicity of Streptococcus mutans. <i>Scientific Reports</i> , 2018 , 8, 5984	4.9	11
140	The Origin and Identification of Mesenchymal Stem Cells in Teeth: from Odontogenic to Non-odontogenic. <i>Current Stem Cell Research and Therapy</i> , 2018 , 13, 39-45	3.6	11
139	Antibacterial and remineralizing nanocomposite inhibit root caries biofilms and protect root dentin hardness at the margins. <i>Journal of Dentistry</i> , 2020 , 97, 103344	4.8	11
138	A comprehensive profiling of supragingival bacterial composition in Chinese twin children and their mothers. <i>Antonie Van Leeuwenhoek</i> , 2017 , 110, 615-627	2.1	10
137	Global analysis of lysine succinylome in the periodontal pathogen Porphyromonas gingivalis. <i>Molecular Oral Microbiology</i> , 2019 , 34, 74-83	4.6	10
136	Effect of D-cysteine on dual-species biofilms of Streptococcus mutans and Streptococcus sanguinis. <i>Scientific Reports</i> , 2019 , 9, 6689	4.9	10
135	Parathyroid hormone ameliorates temporomandibular joint osteoarthritic-like changes related to age. <i>Cell Proliferation</i> , 2020 , 53, e12755	7.9	10
134	Clotrimazole and econazole inhibit Streptococcus mutans biofilm and virulence in vitro. <i>Archives of Oral Biology</i> , 2017 , 73, 113-120	2.8	10
133	BMP7 and EREG Contribute to the Inductive Potential of Dental Mesenchyme. <i>Scientific Reports</i> , 2015 , 5, 9903	4.9	10
132	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,	11.5	10
131	Short-Time Antibacterial Effects of Dimethylaminododecyl Methacrylate on Oral Multispecies Biofilm In Vitro. <i>BioMed Research International</i> , 2019 , 2019, 6393470	3	9
130	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> , 2020 , 12, 18	27.9	9

129	Inhibition of Enterococcus faecalis Growth and Biofilm Formation by Molecule Targeting Cyclic di-AMP Synthetase Activity. <i>Journal of Endodontics</i> , 2018 , 44, 1381-1388.e2	4.7	9
128	The Sirt6 gene: Does it play a role in tooth development?. <i>PLoS ONE</i> , 2017 , 12, e0174255	3.7	9
127	Berberine/Ag nanoparticle embedded biomimetic calcium phosphate scaffolds for enhancing antibacterial function. <i>Nanotechnology Reviews</i> , 2020 , 9, 568-579	6.3	9
126	Epigenetic Regulations in the Pathogenesis of Periodontitis. <i>Current Stem Cell Research and Therapy</i> , 2018 , 13, 144-150	3.6	9
125	Role of the fibroblast growth factor 19 in the skeletal system. <i>Life Sciences</i> , 2021 , 265, 118804	6.8	9
124	Oral microbiota in human systematic diseases.. <i>International Journal of Oral Science</i> , 2022 , 14, 14	27.9	9
123	Palatal Radicular Groove Morphology of the Maxillary Incisors: A Case Series Report. <i>Journal of Endodontics</i> , 2017 , 43, 827-833	4.7	8
122	The inhibitory effect of quaternary ammonium salt on bacteria in root canal. <i>Scientific Reports</i> , 2019 , 9, 12463	4.9	8
121	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	4.7	8
120	Insight into the Role of Long Non-coding RNAs During Osteogenesis in Mesenchymal Stem Cells. <i>Current Stem Cell Research and Therapy</i> , 2018 , 13, 52-59	3.6	8
119	Epigenetic and therapeutic implications of dnmt3b in temporomandibular joint osteoarthritis. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 1736-1747	3	8
118	Comparison of Composition and Anticaries Effect of Extracts with Different Isolation Methods. <i>Open Dentistry Journal</i> , 2017 , 11, 447-459	0.8	8
117	Antagonistic interaction between Ezh2 and Arid1a coordinates root patterning and development via Cdkn2a in mouse molars. <i>ELife</i> , 2019 , 8,	8.9	8
116	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	5.5	8
115	The microbiota-gut-bone axis and bone health. <i>Journal of Leukocyte Biology</i> , 2021 , 110, 525-537	6.5	8
114	Inhibition of biofilm formation by strategies targeting the metabolism of exopolysaccharides. <i>Critical Reviews in Microbiology</i> , 2021 , 47, 667-677	7.8	8
113	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> , 2019 , 175, 576-585	6	8
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