

# Lei Cheng

## 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.

179 papers	5,540 citations	37 h-index	69 g-index
201 ext. papers	7,268 ext. citations	6.2 avg, IF	6.24 L-index

#	Paper	IF	Citations
179	Effect of pH-sensitive nanoparticles on inhibiting oral biofilms.. <i>Drug Delivery</i> , <b>2022</b> , 29, 561-573	7	0
178	Oral microbiota in human systematic diseases.. <i>International Journal of Oral Science</i> , <b>2022</b> , 14, 14	27.9	9
177	Expert consensus on dental caries management.. <i>International Journal of Oral Science</i> , <b>2022</b> , 14, 17	27.9	4
176	Novel Giomers Incorporated with Antibacterial Quaternary Ammonium Monomers to Inhibit Secondary Caries. <i>Pathogens</i> , <b>2022</b> , 11, 578	4.5	1
175	Novel dual-functional implants via oxygen non-thermal plasma and quaternary ammonium to promote osteogenesis and combat infections.. <i>Dental Materials</i> , <b>2021</b> ,	5.7	2
174	Wireless Epidural Electrical Stimulation in Combination With Serotonin Agonists Improves Intraspinal Metabolism in Spinal Cord Injury Rats. <i>Neuromodulation</i> , <b>2021</b> , 24, 416-426	3.1	0
173	Clinicoradiological characteristics of primary spinal cord H3 K27M-mutant diffuse midline glioma. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-12	2.8	2
172	The Oral Complications of COVID-19.. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 803785	5.6	1
171	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
170	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
169	Core Microbiota Promotes the Development of Dental Caries. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 3638	2.6	1
168	The virulence factor GroEL directs the osteogenic and adipogenic differentiation of human periodontal ligament stem cells through the involvement of JNK/MAPK and NF- $\kappa$ B signaling. <i>Journal of Periodontology</i> , <b>2021</b> , 92, 103-115	4.6	3
167	The effect of local intraoperative corticosteroid application on postoperative dysphagia following anterior cervical spine surgery. <i>Neurosurgical Review</i> , <b>2021</b> , 1	3.9	0
166	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
165	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
164	Effect of Antibacterial Root Canal Sealer on Persistent Apical Periodontitis. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	3
163	The Interactions Between and Mucosal Immunity. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 652725	5.7	5

162	Manipulation of Saliva-Derived Microcosm Biofilms To Resemble Dysbiotic Subgingival Microbiota. <i>Applied and Environmental Microbiology</i> , <b>2021</b> , 87,	4.8	2
161	The virulence factor GroEL promotes gelatinase secretion from cells in the osteoblast lineage: Implication for direct crosstalk between bacteria and adult cells. <i>Archives of Oral Biology</i> , <b>2021</b> , 122, 104991	2.8	2
160	Starvation Survival and Biofilm Formation under Subminimum Inhibitory Concentration of QAMs. <i>BioMed Research International</i> , <b>2021</b> , 2021, 8461245	3	2
159	The two-component signal transduction system and its regulation in. <i>Virulence</i> , <b>2021</b> , 12, 1884-1899	4.7	2
158	Candida albicans CHK1 gene from two-component system is essential for its pathogenicity in oral candidiasis. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 2485-2496	5.7	3
157	A novel classification and its clinical significance in Chiari I malformation with syringomyelia based on high-resolution MRI. <i>European Spine Journal</i> , <b>2021</b> , 30, 1623-1634	2.7	1
156	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
155	Effects of Cold-Light Bleaching on Enamel Surface and Adhesion of. <i>BioMed Research International</i> , <b>2021</b> , 2021, 3766641	3	0
154	Prognostic factors and nomogram prediction of survival probability in primary spinal cord astrocytoma patients. <i>Journal of Neurosurgery: Spine</i> , <b>2021</b> , 1-12	2.8	2
153	Synergized with to Increase the Pathogenesis and Drug Resistance in Cutaneous Abscess and Peritonitis Murine Models. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	2
152	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
151	Artemisinin elevates ergosterol levels of Candida albicans to synergise with amphotericin B against oral candidiasis. <i>International Journal of Antimicrobial Agents</i> , <b>2021</b> , 58, 106394	14.3	2
150	The Synergistic Effect of Nicotine and on Peri-Implant Infections. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 658380	5.8	1
149	d-Alanine metabolic pathway, a potential target for antibacterial drug designing in Enterococcus faecalis. <i>Microbial Pathogenesis</i> , <b>2021</b> , 158, 105078	3.8	0
148	Anti-bacterial and anti-microbial aging effects of resin-based sealant modified by quaternary ammonium monomers. <i>Journal of Dentistry</i> , <b>2021</b> , 112, 103767	4.8	1
147	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
146	Intelligent pH-responsive dental sealants to prevent long-term microleakage. <i>Dental Materials</i> , <b>2021</b> , 37, 1529-1541	5.7	0
145	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

144	Casein phosphopeptide-amorphous calcium phosphate modified glass ionomer cement attenuates demineralization and modulates biofilm composition in dental caries. <i>Dental Materials Journal</i> , <b>2021</b> , 40, 84-93	2.5	6
143	Comparative analysis of oral microbiome from Zang and Han populations living at different altitudes. <i>Archives of Oral Biology</i> , <b>2021</b> , 121, 104986	2.8	3
142	Stimuli-responsive drug delivery systems for head and neck cancer therapy. <i>Drug Delivery</i> , <b>2021</b> , 28, 272-284	15	
141	Anti-carries effect of resin infiltrant modified by quaternary ammonium monomers. <i>Journal of Dentistry</i> , <b>2020</b> , 97, 103355	4.8	13
140	Promotes Immune evasion of Oral Cancer by Protecting Cancer from Macrophage Attack. <i>Journal of Immunology</i> , <b>2020</b> , 205, 282-289	5.3	17
139	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
138	Novel Bioactive and Therapeutic Root Canal Sealers with Antibacterial and Remineralization Properties. <i>Materials</i> , <b>2020</b> , 13,	3.5	13
137	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
136	Predictors of mortality in patients with primary spinal cord glioblastoma. <i>European Spine Journal</i> , <b>2020</b> , 29, 3203-3213	2.7	3
135	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
134	Repeat Craniocervical Decompression in Patients with a Persistent or Worsening Syrinx: A Preliminary Report and Early Results. <i>World Neurosurgery</i> , <b>2020</b> , 138, e95-e105	2.1	4
133	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
132	Application of Antibiotics/Antimicrobial Agents on Dental Caries. <i>BioMed Research International</i> , <b>2020</b> , 2020, 5658212	3	21
131	Emerging Applications of Drug Delivery Systems in Oral Infectious Diseases Prevention and Treatment. <i>Molecules</i> , <b>2020</b> , 25,	4.8	34
130	The regulation of hyphae growth in. <i>Virulence</i> , <b>2020</b> , 11, 337-348	4.7	37
129	Invasion of Oral Microbiota into the Gut <b>2020</b> , 301-313		
128	Advances in the Development of Antibacterial Composites <b>2020</b> , 143-164		
127	The Antibacterial Effects of Quaternary Ammonium Salts in the Simulated Presence of Inhibitors in Root Canals: A Preliminary In-Vitro Study. <i>Coatings</i> , <b>2020</b> , 10, 181	2.9	3

126	Antibiotic-induced dysbiosis of the rat oral and gut microbiota and resistance to Salmonella. <i>Archives of Oral Biology</i> , <b>2020</b> , 114, 104730	2.8	9
125	The effect of disaggregated nano-hydroxyapatite on oral biofilm in vitro. <i>Dental Materials</i> , <b>2020</b> , 36, e207-e216	5.7	7
124	Role of Oral Bacteria in the Development of Oral Squamous Cell Carcinoma. <i>Cancers</i> , <b>2020</b> , 12,	6.6	7
123	Advances of Anti-Caries Nanomaterials. <i>Molecules</i> , <b>2020</b> , 25,	4.8	8
122	Chronic extradural compression of spinal cord leads to syringomyelia in rat model. <i>Fluids and Barriers of the CNS</i> , <b>2020</b> , 17, 50	7	3
121	The microbial coinfection in COVID-19. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 7777-7785	5.7	98
120	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
119	Intradural Pathology Causing Cerebrospinal Fluid Obstruction in Syringomyelia and Effectiveness of Foramen Magnum and Foramen of Magendie Dredging Treatment. <i>World Neurosurgery</i> , <b>2020</b> , 144, e178-e188	2.1	1
118	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
117	Effect of Veillonella parvula on the physiological activity of Streptococcus mutans. <i>Archives of Oral Biology</i> , <b>2020</b> , 109, 104578	2.8	14
116	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
115	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
114	Targeting tumor-associated macrophages in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , <b>2020</b> , 106, 104723	4.4	12
113	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
112	The inhibitory effect of quaternary ammonium salt on bacteria in root canal. <i>Scientific Reports</i> , <b>2019</b> , 9, 12463	4.9	8
111	Biomineralization of dentin. <i>Journal of Structural Biology</i> , <b>2019</b> , 207, 115-122	3.4	24
110	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
109	Accuracy of Raman spectroscopy in discrimination of nasopharyngeal carcinoma from normal samples: a systematic review and meta-analysis. <i>Journal of Cancer Research and Clinical Oncology</i> , <b>2019</b> , 145, 1811-1821	4.9	3

108	Nanostructured dental composites and adhesives with antibacterial and remineralizing capabilities for caries inhibition <b>2019</b> , 139-161		3
107	Fish Collagen and Hydroxyapatite Reinforced Poly(lactide- co-glycolide) Fibrous Membrane for Guided Bone Regeneration. <i>Biomacromolecules</i> , <b>2019</b> , 20, 2058-2067	6.9	44
106	Effect of D-cysteine on dual-species biofilms of Streptococcus mutans and Streptococcus sanguinis. <i>Scientific Reports</i> , <b>2019</b> , 9, 6689	4.9	10
105	Oral bacteria colonize and compete with gut microbiota in gnotobiotic mice. <i>International Journal of Oral Science</i> , <b>2019</b> , 11, 10	27.9	29
104	Quaternary Ammonium Salt-Based Cross-Linked Micelles to Combat Biofilm. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 541-546	6.3	14
103	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
102	Modifying Adhesive Materials to Improve the Longevity of Resinous Restorations. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	32
101	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
100	induces COX-2-dependent proliferation and malignant transformation in oral keratinocytes. <i>Journal of Oral Microbiology</i> , <b>2019</b> , 11, 1643205	6.3	8
99	A novel antibacterial resin-based root canal sealer modified by Dimethylaminododecyl Methacrylate. <i>Scientific Reports</i> , <b>2019</b> , 9, 10632	4.9	6
98	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
97	Effect of Novel Micro-Arc Oxidation Implant Material on Preventing Peri-Implantitis. <i>Coatings</i> , <b>2019</b> , 9, 691	2.9	5
96	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
95	The Adhesion and Invasion Mechanisms of Streptococci. <i>Current Issues in Molecular Biology</i> , <b>2019</b> , 32, 521-560	2.9	5
94	Application of Omics and Bioinformatics Tools in Research. <i>Current Issues in Molecular Biology</i> , <b>2019</b> , 32, 327-376	2.9	2
93	Influence of bio-aging on corrosion behavior of different implant materials. <i>Clinical Implant Dentistry and Related Research</i> , <b>2019</b> , 21, 1225-1234	3.9	7
92	TO THE EDITOR. <i>Spine</i> , <b>2019</b> , 44, E194	3.3	
91	Regrowth of Microcosm Biofilms on Titanium Surfaces After Various Antimicrobial Treatments. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2693	5.7	10

90	Novel metformin-containing resin promotes odontogenic differentiation and mineral synthesis of dental pulp stem cells. <i>Drug Delivery and Translational Research</i> , <b>2019</b> , 9, 85-96	6.2	9
89	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
88	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
87	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
86	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
85	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
84	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
83	Drug resistance of oral bacteria to new antibacterial dental monomer dimethylaminohexadecyl methacrylate. <i>Scientific Reports</i> , <b>2018</b> , 8, 5509	4.9	20
82	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
81	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
80	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
79	Novel rechargeable calcium phosphate nanocomposite with antibacterial activity to suppress biofilm acids and dental caries. <i>Journal of Dentistry</i> , <b>2018</b> , 72, 44-52	4.8	48
78	Control of Biofilm at the Tooth-Restoration Bonding Interface: A Question for Antibacterial Monomers? A Critical Review <b>2018</b> , 287-305		1
77	Research on oral microbiota of monozygotic twins with discordant caries experience - in vitro and in vivo study. <i>Scientific Reports</i> , <b>2018</b> , 8, 7267	4.9	12
76	Programmed cell removal by calreticulin in tissue homeostasis and cancer. <i>Nature Communications</i> , <b>2018</b> , 9, 3194	17.4	67
75	Evaluation of Novel Anticaries Adhesive in a Secondary Caries Animal Model. <i>Caries Research</i> , <b>2018</b> , 52, 14-21	4.2	13
74	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
73	Advanced smart biomaterials and constructs for hard tissue engineering and regeneration. <i>Bone Research</i> , <b>2018</b> , 6, 31	13.3	135



72	Influence of Dental Prosthesis and Restorative Materials Interface on Oral Biofilms. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	57
71	Antibacterial Polymers for Dental Adhesives and Composites <b>2017</b> , 299-330		1
70	Biomaterials in Caries Prevention and Treatment <b>2017</b> , 101-110		1
69	Formation of persisters in <i>Streptococcus mutans</i> biofilms induced by antibacterial dental monomer. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2017</b> , 28, 178	4.5	15
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	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
65	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
64	Ecological Effect of Arginine on Oral Microbiota. <i>Scientific Reports</i> , <b>2017</b> , 7, 7206	4.9	27
63	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
62	Effect of arginine on the growth and biofilm formation of oral bacteria. <i>Archives of Oral Biology</i> , <b>2017</b> , 82, 256-262	2.8	54
61	Effects of different substrates/growth media on microbial community of saliva-derived biofilm. <i>FEMS Microbiology Letters</i> , <b>2017</b> , 364,	2.9	18
60	Anti-Caries Effects of Dental Adhesives Containing Quaternary Ammonium Methacrylates with Different Chain Lengths. <i>Materials</i> , <b>2017</b> , 10,	3.5	24
59	Novel Dental Adhesive with Biofilm-Regulating and Remineralization Capabilities. <i>Materials</i> , <b>2017</b> , 10,	3.5	21
58	Combining Bioactive Multifunctional Dental Composite with PAMAM for Root Dentin Remineralization. <i>Materials</i> , <b>2017</b> , 10,	3.5	16
57	Heat-Polymerized Resin Containing Dimethylaminododecyl Methacrylate Inhibits <i>Candida albicans</i> Biofilm. <i>Materials</i> , <b>2017</b> , 10,	3.5	14
56	Anti-Bacteria and Microecosystem-Regulating Effects of Dental Implant Coated with Dimethylaminododecyl Methacrylate. <i>Molecules</i> , <b>2017</b> , 22,	4.8	14
55	Growth and adherence of <i>Staphylococcus aureus</i> were enhanced through the PGE2 produced by the activated COX-2/PGE2 pathway of infected oral epithelial cells. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177166	3.7	18



54	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
53	Quaternary ammonium-induced multidrug tolerant <i>Streptococcus mutans</i> persists elevate cariogenic virulence in vitro. <i>International Journal of Oral Science</i> , <b>2017</b> , 9, e7	27.9	13
52	Alanine racemase is essential for the growth and interspecies competitiveness of <i>Streptococcus mutans</i> . <i>International Journal of Oral Science</i> , <b>2016</b> , 8, 231-238	27.9	11
51	Primer containing dimethylaminododecyl methacrylate kills bacteria impregnated in human dentin blocks. <i>International Journal of Oral Science</i> , <b>2016</b> , 8, 239-245	27.9	9
50	One-year water-ageing of calcium phosphate composite containing nano-silver and quaternary ammonium to inhibit biofilms. <i>International Journal of Oral Science</i> , <b>2016</b> , 8, 172-81	27.9	57
49	Effect of anti-biofilm glass-ionomer cement on <i>Streptococcus mutans</i> biofilms. <i>International Journal of Oral Science</i> , <b>2016</b> , 8, 76-83	27.9	47
48	Effects of quaternary ammonium chain length on the antibacterial and remineralizing effects of a calcium phosphate nanocomposite. <i>International Journal of Oral Science</i> , <b>2016</b> , 8, 45-53	27.9	59
47	Molecule Targeting Glucosyltransferase Inhibits <i>Streptococcus mutans</i> Biofilm Formation and Virulence. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 126-35	5.9	75
46	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
45	Novel Cavity Disinfectants Containing Quaternary Ammonium Monomer Dimethylaminododecyl Methacrylate. <i>Materials</i> , <b>2016</b> , 9,	3.5	11
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	Risk factors associated with in-hospital serious adverse events after stenting of severe symptomatic intracranial stenosis. <i>Clinical Neurology and Neurosurgery</i> , <b>2016</b> , 147, 59-63	2	7
42	A Novel Nanosilver/Nanosilica Hydrogel for Bone Regeneration in Infected Bone Defects. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 13242-50	9.5	46
41	Nanotechnology strategies for antibacterial and remineralizing composites and adhesives to tackle dental caries. <i>Nanomedicine</i> , <b>2015</b> , 10, 627-41	5.6	101
40	A novel protein-repellent dental composite containing 2-methacryloyloxyethyl phosphorylcholine. <i>International Journal of Oral Science</i> , <b>2015</b> , 7, 103-9	27.9	45
39	In situ antibiofilm effect of glass-ionomer cement containing dimethylaminododecyl methacrylate. <i>Dental Materials</i> , <b>2015</b> , 31, 992-1002	5.7	17
38	Natural products and caries prevention. <i>Caries Research</i> , <b>2015</b> , 49 Suppl 1, 38-45	4.2	31
37	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

36	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
35	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
34	Oral cavity contains distinct niches with dynamic microbial communities. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 699-710	5.2	177
33	Control of hydroxyapatite crystal growth by gallic acid. <i>Dental Materials Journal</i> , <b>2015</b> , 34, 108-13	2.5	4
32	The Use of Quaternary Ammonium to Combat Dental Caries. <i>Materials</i> , <b>2015</b> , 8, 3532-3549	3.5	39
31	8DSS-promoted remineralization of demineralized dentin in vitro. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 6763-6772	7.3	26
30	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
29	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
28	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
27	Esthetic comparison of white-spot lesion treatment modalities using spectrometry and fluorescence. <i>Angle Orthodontist</i> , <b>2014</b> , 84, 343-9	2.6	35
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25	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
24	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
23	Effects of dual antibacterial agents MDPB and nano-silver in primer on microcosm biofilm, cytotoxicity and dentine bond properties. <i>Journal of Dentistry</i> , <b>2013</b> , 41, 464-74	4.8	115
22	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
21	Effect of water-ageing on dentine bond strength and anti-biofilm activity of bonding agent containing new monomer dimethylaminododecyl methacrylate. <i>Journal of Dentistry</i> , <b>2013</b> , 41, 504-13	4.8	83
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19	Effects of antibacterial primers with quaternary ammonium and nano-silver on <i>Streptococcus mutans</i> impregnated in human dentin blocks. <i>Dental Materials</i> , <b>2013</b> , 29, 462-72	5.7	86

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17	Novel dental adhesive containing antibacterial agents and calcium phosphate nanoparticles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2013</b> , 101, 620-9	3.5	96
16	Synthesis of new antibacterial quaternary ammonium monomer for incorporation into CaP nanocomposite. <i>Dental Materials</i> , <b>2013</b> , 29, 859-70	5.7	93
15	Nanostructured Dental Composites and Adhesives with Antibacterial and Remineralizing Capabilities for Caries Inhibition <b>2013</b> , 109-129		2
14	Novel dental adhesives containing nanoparticles of silver and amorphous calcium phosphate. <i>Dental Materials</i> , <b>2013</b> , 29, 199-210	5.7	143
13	Antibacterial amorphous calcium phosphate nanocomposites with a quaternary ammonium dimethacrylate and silver nanoparticles. <i>Dental Materials</i> , <b>2012</b> , 28, 561-72	5.7	238
12	Antibacterial and physical properties of calcium-phosphate and calcium-fluoride nanocomposites with chlorhexidine. <i>Dental Materials</i> , <b>2012</b> , 28, 573-83	5.7	117
11	Tetracalcium phosphate composite containing quaternary ammonium dimethacrylate with antibacterial properties. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2012</b> , 100, 726-34	3.5	27
10	Effect of pH on Galla chinensis extract's stability and anti-carries properties in vitro. <i>Archives of Oral Biology</i> , <b>2012</b> , 57, 1093-9	2.8	21
9	Dental plaque microcosm biofilm behavior on calcium phosphate nanocomposite with quaternary ammonium. <i>Dental Materials</i> , <b>2012</b> , 28, 853-62	5.7	61
8	Effect of quaternary ammonium and silver nanoparticle-containing adhesives on dentin bond strength and dental plaque microcosm biofilms. <i>Dental Materials</i> , <b>2012</b> , 28, 842-52	5.7	118
7	Effect of amorphous calcium phosphate and silver nanocomposites on dental plaque microcosm biofilms. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2012</b> , 100, 1378-86	3.5	87
6	Effect of Galla chinensis on the in vitro remineralization of advanced enamel lesions. <i>International Journal of Oral Science</i> , <b>2010</b> , 2, 15-20	27.9	24
5	Combined effects of nano-hydroxyapatite and Galla chinensis on remineralisation of initial enamel lesion in vitro. <i>Journal of Dentistry</i> , <b>2010</b> , 38, 811-9	4.8	80
4	Effect of compounds of Galla chinensis on remineralization of enamel surface in vitro. <i>Archives of Oral Biology</i> , <b>2010</b> , 55, 435-40	2.8	23
3	Effect of Galla chinensis on enhancing remineralization of enamel crystals. <i>Biomedical Materials (Bristol)</i> , <b>2009</b> , 4, 034103	3.5	11
2	Effect of compounds of Galla chinensis and their combined effects with fluoride on remineralization of initial enamel lesion in vitro. <i>Journal of Dentistry</i> , <b>2008</b> , 36, 369-73	4.8	36
1	Effect of Galla chinensis extract and chemical fractions on demineralization of bovine enamel in vitro. <i>Journal of Dentistry</i> , <b>2008</b> , 36, 999-1004	4.8	30

