

Lei Cheng

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.

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	Transmission routes of 2019-nCoV and controls in dental practice. <i>International Journal of Oral Science</i> , 2020 , 12, 9	27.9	960
178	Antibacterial amorphous calcium phosphate nanocomposites with a quaternary ammonium dimethacrylate and silver nanoparticles. <i>Dental Materials</i> , 2012 , 28, 561-72	5.7	238
177	Oral cavity contains distinct niches with dynamic microbial communities. <i>Environmental Microbiology</i> , 2015 , 17, 699-710	5.2	177
176	Novel dental adhesives containing nanoparticles of silver and amorphous calcium phosphate. <i>Dental Materials</i> , 2013 , 29, 199-210	5.7	143
175	Advanced smart biomaterials and constructs for hard tissue engineering and regeneration. <i>Bone Research</i> , 2018 , 6, 31	13.3	135
174	Effect of quaternary ammonium and silver nanoparticle-containing adhesives on dentin bond strength and dental plaque microcosm biofilms. <i>Dental Materials</i> , 2012 , 28, 842-52	5.7	118
173	Antibacterial and physical properties of calcium-phosphate and calcium-fluoride nanocomposites with chlorhexidine. <i>Dental Materials</i> , 2012 , 28, 573-83	5.7	117
172	Effects of dual antibacterial agents MDPB and nano-silver in primer on microcosm biofilm, cytotoxicity and dentine bond properties. <i>Journal of Dentistry</i> , 2013 , 41, 464-74	4.8	115
171	Dental primer and adhesive containing a new antibacterial quaternary ammonium monomer dimethylaminododecyl methacrylate. <i>Journal of Dentistry</i> , 2013 , 41, 345-55	4.8	115
170	Nanotechnology strategies for antibacterial and remineralizing composites and adhesives to tackle dental caries. <i>Nanomedicine</i> , 2015 , 10, 627-41	5.6	101
169	The microbial coinfection in COVID-19. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 7777-7785	5.7	98
168	Novel dental adhesive containing antibacterial agents and calcium phosphate nanoparticles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013 , 101, 620-9	3.5	96
167	Synthesis of new antibacterial quaternary ammonium monomer for incorporation into CaP nanocomposite. <i>Dental Materials</i> , 2013 , 29, 859-70	5.7	93
166	Antibacterial activity and ion release of bonding agent containing amorphous calcium phosphate nanoparticles. <i>Dental Materials</i> , 2014 , 30, 891-901	5.7	87
165	Effect of amorphous calcium phosphate and silver nanocomposites on dental plaque microcosm biofilms. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 1378-86	3.5	87
164	Effects of antibacterial primers with quaternary ammonium and nano-silver on Streptococcus mutans impregnated in human dentin blocks. <i>Dental Materials</i> , 2013 , 29, 462-72	5.7	86
163	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> , 2013 , 41, 504-13	4.8	83

162	Combined effects of nano-hydroxyapatite and <i>Galla chinensis</i> on remineralisation of initial enamel lesion in vitro. <i>Journal of Dentistry</i> , 2010 , 38, 811-9	4.8	80
161	Molecule Targeting Glucosyltransferase Inhibits <i>Streptococcus mutans</i> Biofilm Formation and Virulence. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 126-35	5.9	75
160	Dual antibacterial agents of nano-silver and 12-methacryloyloxydodecylpyridinium bromide in dental adhesive to inhibit caries. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013 , 101, 929-38	3.5	71
159	Programmed cell removal by calreticulin in tissue homeostasis and cancer. <i>Nature Communications</i> , 2018 , 9, 3194	17.4	67
158	Dental plaque microcosm biofilm behavior on calcium phosphate nanocomposite with quaternary ammonium. <i>Dental Materials</i> , 2012 , 28, 853-62	5.7	61
157	Effects of quaternary ammonium chain length on the antibacterial and remineralizing effects of a calcium phosphate nanocomposite. <i>International Journal of Oral Science</i> , 2016 , 8, 45-53	27.9	59
156	One-year water-ageing of calcium phosphate composite containing nano-silver and quaternary ammonium to inhibit biofilms. <i>International Journal of Oral Science</i> , 2016 , 8, 172-81	27.9	57
155	Influence of Dental Prosthesis and Restorative Materials Interface on Oral Biofilms. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	57
154	Effect of arginine on the growth and biofilm formation of oral bacteria. <i>Archives of Oral Biology</i> , 2017 , 82, 256-262	2.8	54
153	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
152	Novel rechargeable calcium phosphate nanocomposite with antibacterial activity to suppress biofilm acids and dental caries. <i>Journal of Dentistry</i> , 2018 , 72, 44-52	4.8	48
151	Effect of anti-biofilm glass-ionomer cement on <i>Streptococcus mutans</i> biofilms. <i>International Journal of Oral Science</i> , 2016 , 8, 76-83	27.9	47
150	Antibacterial effect of dental adhesive containing dimethylaminododecyl methacrylate on the development of <i>Streptococcus mutans</i> biofilm. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 12791-806	6.3	46
149	A Novel Nanosilver/Nanosilica Hydrogel for Bone Regeneration in Infected Bone Defects. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13242-50	9.5	46
148	A novel protein-repellent dental composite containing 2-methacryloyloxyethyl phosphorylcholine. <i>International Journal of Oral Science</i> , 2015 , 7, 103-9	27.9	45
147	Fish Collagen and Hydroxyapatite Reinforced Poly(lactide- co-glycolide) Fibrous Membrane for Guided Bone Regeneration. <i>Biomacromolecules</i> , 2019 , 20, 2058-2067	6.9	44
146	Oral microbiota distinguishes acute lymphoblastic leukemia pediatric hosts from healthy populations. <i>PLoS ONE</i> , 2014 , 9, e102116	3.7	44
145	The Use of Quaternary Ammonium to Combat Dental Caries. <i>Materials</i> , 2015 , 8, 3532-3549	3.5	39

144	Remineralization of Demineralized Dentin Induced by Amine-Terminated PAMAM Dendrimer. <i>Macromolecular Materials and Engineering</i> , 2015 , 300, 107-117	3.9	38
143	The regulation of hyphae growth in. <i>Virulence</i> , 2020 , 11, 337-348	4.7	37
142	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
141	Effect of compounds of <i>Galla chinensis</i> and their combined effects with fluoride on remineralization of initial enamel lesion in vitro. <i>Journal of Dentistry</i> , 2008 , 36, 369-73	4.8	36
140	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
139	Esthetic comparison of white-spot lesion treatment modalities using spectrometry and fluorescence. <i>Angle Orthodontist</i> , 2014 , 84, 343-9	2.6	35
138	Emerging Applications of Drug Delivery Systems in Oral Infectious Diseases Prevention and Treatment. <i>Molecules</i> , 2020 , 25,	4.8	34
137	Modifying Adhesive Materials to Improve the Longevity of Resinous Restorations. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	32
136	Natural products and caries prevention. <i>Caries Research</i> , 2015 , 49 Suppl 1, 38-45	4.2	31
135	Effect of <i>Galla chinensis</i> extract and chemical fractions on demineralization of bovine enamel in vitro. <i>Journal of Dentistry</i> , 2008 , 36, 999-1004	4.8	30
134	Oral bacteria colonize and compete with gut microbiota in gnotobiotic mice. <i>International Journal of Oral Science</i> , 2019 , 11, 10	27.9	29
133	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
132	Development and status of resin composite as dental restorative materials. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 48180	2.9	28
131	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
130	Tetracalcium phosphate composite containing quaternary ammonium dimethacrylate with antibacterial properties. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 726-34	3.5	27
129	Ecological Effect of Arginine on Oral Microbiota. <i>Scientific Reports</i> , 2017 , 7, 7206	4.9	27
128	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
127	Effective dentinal tubule occlusion induced by polyhydroxy-terminated PAMAM dendrimer in vitro. <i>RSC Advances</i> , 2014 , 4, 43496-43503	3.7	26

126	8DSS-promoted remineralization of demineralized dentin in vitro. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6763-6772	7.3	26
125	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
124	The Impact of Smoking on Subgingival Microflora: From Periodontal Health to Disease. <i>Frontiers in Microbiology</i> , 2020 , 11, 66	5.7	25
123	Biomineralization of dentin. <i>Journal of Structural Biology</i> , 2019 , 207, 115-122	3.4	24
122	Anti-Caries Effects of Dental Adhesives Containing Quaternary Ammonium Methacrylates with Different Chain Lengths. <i>Materials</i> , 2017 , 10,	3.5	24
121	Effect of <i>Galla chinensis</i> on the in vitro remineralization of advanced enamel lesions. <i>International Journal of Oral Science</i> , 2010 , 2, 15-20	27.9	24
120	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
119	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
118	Effect of compounds of <i>Galla chinensis</i> on remineralization of enamel surface in vitro. <i>Archives of Oral Biology</i> , 2010 , 55, 435-40	2.8	23
117	Effect of Antimicrobial Denture Base Resin on Multi-Species Biofilm Formation. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	23
116	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
115	Application of Antibiotics/Antimicrobial Agents on Dental Caries. <i>BioMed Research International</i> , 2020 , 2020, 5658212	3	21
114	Novel Dental Adhesive with Biofilm-Regulating and Remineralization Capabilities. <i>Materials</i> , 2017 , 10,	3.5	21
113	Effect of pH on <i>Galla chinensis</i> extract's stability and anti-caries properties in vitro. <i>Archives of Oral Biology</i> , 2012 , 57, 1093-9	2.8	21
112	Drug resistance of oral bacteria to new antibacterial dental monomer dimethylaminohexadecyl methacrylate. <i>Scientific Reports</i> , 2018 , 8, 5509	4.9	20
111	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
110	Two-staged time-dependent materials for the prevention of implant-related infections. <i>Acta Biomaterialia</i> , 2020 , 101, 128-140	10.8	20
109	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

108	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
107	Effects of different substrates/growth media on microbial community of saliva-derived biofilm. <i>FEMS Microbiology Letters</i> , 2017 , 364,	2.9	18
106	Growth and adherence of Staphylococcus aureus were enhanced through the PGE2 produced by the activated COX-2/PGE2 pathway of infected oral epithelial cells. <i>PLoS ONE</i> , 2017 , 12, e0177166	3.7	18
105	In situ antibiofilm effect of glass-ionomer cement containing dimethylaminododecyl methacrylate. <i>Dental Materials</i> , 2015 , 31, 992-1002	5.7	17
104	Promotes Immuno evasion of Oral Cancer by Protecting Cancer from Macrophage Attack. <i>Journal of Immunology</i> , 2020 , 205, 282-289	5.3	17
103	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
102	Combining Bioactive Multifunctional Dental Composite with PAMAM for Root Dentin Remineralization. <i>Materials</i> , 2017 , 10,	3.5	16
101	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
100	Formation of persisters in Streptococcus mutans biofilms induced by antibacterial dental monomer. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 178	4.5	15
99	Nicotine is a risk factor for dental caries: An study. <i>Journal of Dental Sciences</i> , 2018 , 13, 30-36	2.5	15
98	Stimuli-responsive drug delivery systems for head and neck cancer therapy. <i>Drug Delivery</i> , 2021 , 28, 272-284		15
97	Quaternary Ammonium Salt-Based Cross-Linked Micelles to Combat Biofilm. <i>Bioconjugate Chemistry</i> , 2019 , 30, 541-546	6.3	14
96	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
95	Heat-Polymerized Resin Containing Dimethylaminododecyl Methacrylate Inhibits Candida albicans Biofilm. <i>Materials</i> , 2017 , 10,	3.5	14
94	Anti-Bacteria and Microecosystem-Regulating Effects of Dental Implant Coated with Dimethylaminododecyl Methacrylate. <i>Molecules</i> , 2017 , 22,	4.8	14
93	Effect of Veillonella parvula on the physiological activity of Streptococcus mutans. <i>Archives of Oral Biology</i> , 2020 , 109, 104578	2.8	14
92	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
91	Anti-caries effect of resin infiltrant modified by quaternary ammonium monomers. <i>Journal of Dentistry</i> , 2020 , 97, 103355	4.8	13

90	Novel Bioactive and Therapeutic Root Canal Sealers with Antibacterial and Remineralization Properties. <i>Materials</i> , 2020 , 13,	3.5	13
89	Nicotine Enhances Interspecies Relationship between and. <i>BioMed Research International</i> , 2017 , 2017, 7953920	3	13
88	Hyperosmotic response of streptococcus mutans: from microscopic physiology to transcriptomic profile. <i>BMC Microbiology</i> , 2013 , 13, 275	4.5	13
87	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
86	Quaternary ammonium-induced multidrug tolerant Streptococcus mutans persists elevate cariogenic virulence in vitro. <i>International Journal of Oral Science</i> , 2017 , 9, e7	27.9	13
85	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
84	Evaluation of Novel Anticaries Adhesive in a Secondary Caries Animal Model. <i>Caries Research</i> , 2018 , 52, 14-21	4.2	13
83	Research on oral microbiota of monozygotic twins with discordant caries experience - in vitro and in vivo study. <i>Scientific Reports</i> , 2018 , 8, 7267	4.9	12
82	Effects of simulated microgravity on Streptococcus mutans physiology and biofilm structure. <i>FEMS Microbiology Letters</i> , 2014 , 359, 94-101	2.9	12
81	Targeting tumor-associated macrophages in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2020 , 106, 104723	4.4	12
80	Function of alanine racemase in the physiological activity and cariogenicity of Streptococcus mutans. <i>Scientific Reports</i> , 2018 , 8, 5984	4.9	11
79	Alanine racemase is essential for the growth and interspecies competitiveness of Streptococcus mutans. <i>International Journal of Oral Science</i> , 2016 , 8, 231-238	27.9	11
78	Effect of Galla chinensis on enhancing remineralization of enamel crystals. <i>Biomedical Materials (Bristol)</i> , 2009 , 4, 034103	3.5	11
77	Novel Cavity Disinfectants Containing Quaternary Ammonium Monomer Dimethylaminododecyl Methacrylate. <i>Materials</i> , 2016 , 9,	3.5	11
76	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
75	Effect of D-cysteine on dual-species biofilms of Streptococcus mutans and Streptococcus sanguinis. <i>Scientific Reports</i> , 2019 , 9, 6689	4.9	10
74	Regrowth of Microcosm Biofilms on Titanium Surfaces After Various Antimicrobial Treatments. <i>Frontiers in Microbiology</i> , 2019 , 10, 2693	5.7	10
73	Short-Time Antibacterial Effects of Dimethylaminododecyl Methacrylate on Oral Multispecies Biofilm In Vitro. <i>BioMed Research International</i> , 2019 , 2019, 6393470	3	9

72	Primer containing dimethylaminododecyl methacrylate kills bacteria impregnated in human dentin blocks. <i>International Journal of Oral Science</i> , 2016 , 8, 239-245	27.9	9
71	Antibiotic-induced dysbiosis of the rat oral and gut microbiota and resistance to Salmonella. <i>Archives of Oral Biology</i> , 2020 , 114, 104730	2.8	9
70	Novel metformin-containing resin promotes odontogenic differentiation and mineral synthesis of dental pulp stem cells. <i>Drug Delivery and Translational Research</i> , 2019 , 9, 85-96	6.2	9
69	Oral microbiota in human systematic diseases.. <i>International Journal of Oral Science</i> , 2022 , 14, 14	27.9	9
68	The inhibitory effect of quaternary ammonium salt on bacteria in root canal. <i>Scientific Reports</i> , 2019 , 9, 12463	4.9	8
67	induces COX-2-dependent proliferation and malignant transformation in oral keratinocytes. <i>Journal of Oral Microbiology</i> , 2019 , 11, 1643205	6.3	8
66	Comparison of Composition and Anticaries Effect of Extracts with Different Isolation Methods. <i>Open Dentistry Journal</i> , 2017 , 11, 447-459	0.8	8
65	Advances of Anti-Caries Nanomaterials. <i>Molecules</i> , 2020 , 25,	4.8	8
64	The effect of disaggregated nano-hydroxyapatite on oral biofilm in vitro. <i>Dental Materials</i> , 2020 , 36, e207-e216	5.7	7
63	Role of Oral Bacteria in the Development of Oral Squamous Cell Carcinoma. <i>Cancers</i> , 2020 , 12,	6.6	7
62	Risk factors associated with in-hospital serious adverse events after stenting of severe symptomatic intracranial stenosis. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 147, 59-63	2	7
61	Influence of bio-aging on corrosion behavior of different implant materials. <i>Clinical Implant Dentistry and Related Research</i> , 2019 , 21, 1225-1234	3.9	7
60	A novel antibacterial resin-based root canal sealer modified by Dimethylaminododecyl Methacrylate. <i>Scientific Reports</i> , 2019 , 9, 10632	4.9	6
59	ANGPTL4-mediated promotion of glycolysis facilitates the colonization of <i>Fusobacterium nucleatum</i> in colorectal cancer. <i>Cancer Research</i> , 2021 ,	10.1	6
58	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> , 2020 , 21,	6.3	6
57	Casein phosphopeptide-amorphous calcium phosphate modified glass ionomer cement attenuates demineralization and modulates biofilm composition in dental caries. <i>Dental Materials Journal</i> , 2021 , 40, 84-93	2.5	6
56	Dimethylaminododecyl methacrylate inhibits <i>Candida albicans</i> and oropharyngeal candidiasis in a pH-dependent manner. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 3585-3595	5.7	5
55	Effect of Novel Micro-Arc Oxidation Implant Material on Preventing Peri-Implantitis. <i>Coatings</i> , 2019 , 9, 691	2.9	5

54	The Adhesion and Invasion Mechanisms of Streptococci. <i>Current Issues in Molecular Biology</i> , 2019 , 32, 521-560	2.9	5
53	The Interactions Between and Mucosal Immunity. <i>Frontiers in Microbiology</i> , 2021 , 12, 652725	5.7	5
52	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> , 2019 , 10, 3102	5.7	4
51	Repeat Craniocervical Decompression in Patients with a Persistent or Worsening Syrinx: A Preliminary Report and Early Results. <i>World Neurosurgery</i> , 2020 , 138, e95-e105	2.1	4
50	Control of hydroxyapatite crystal growth by gallic acid. <i>Dental Materials Journal</i> , 2015 , 34, 108-13	2.5	4
49	Interactions Between Neutrophils and Periodontal Pathogens in Late-Onset Periodontitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 627328	5.9	4
48	Expert consensus on dental caries management.. <i>International Journal of Oral Science</i> , 2022 , 14, 17	27.9	4
47	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> , 2019 , 145, 1811-1821	4.9	3
46	Nanostructured dental composites and adhesives with antibacterial and remineralizing capabilities for caries inhibition 2019 , 139-161		3
45	Predictors of mortality in patients with primary spinal cord glioblastoma. <i>European Spine Journal</i> , 2020 , 29, 3203-3213	2.7	3
44	The Antibacterial Effects of Quaternary Ammonium Salts in the Simulated Presence of Inhibitors in Root Canals: A Preliminary In-Vitro Study. <i>Coatings</i> , 2020 , 10, 181	2.9	3
43	Chronic extradural compression of spinal cord leads to syringomyelia in rat model. <i>Fluids and Barriers of the CNS</i> , 2020 , 17, 50	7	3
42	The virulence factor GroEL directs the osteogenic and adipogenic differentiation of human periodontal ligament stem cells through the involvement of JNK/MAPK and NF- κ B signaling. <i>Journal of Periodontology</i> , 2021 , 92, 103-115	4.6	3
41	Effect of Antibacterial Root Canal Sealer on Persistent Apical Periodontitis. <i>Antibiotics</i> , 2021 , 10,	4.9	3
40	Effects of water aging on the mechanical and anti-biofilm properties of glass-ionomer cement containing dimethylaminododecyl methacrylate. <i>Dental Materials</i> , 2019 , 35, 434-443	5.7	3
39	Candida albicans CHK1 gene from two-component system is essential for its pathogenicity in oral candidiasis. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 2485-2496	5.7	3
38	The Clinical Potential of Oral Microbiota as a Screening Tool for Oral Squamous Cell Carcinomas. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 728933	5.9	3
37	Comparative analysis of oral microbiome from Zang and Han populations living at different altitudes. <i>Archives of Oral Biology</i> , 2021 , 121, 104986	2.8	3

36	Nanostructured Dental Composites and Adhesives with Antibacterial and Remineralizing Capabilities for Caries Inhibition 2013 , 109-129		2
35	Novel dual-functional implants via oxygen non-thermal plasma and quaternary ammonium to promote osteogenesis and combat infections.. <i>Dental Materials</i> , 2021 ,	5.7	2
34	Clinicoradiological characteristics of primary spinal cord H3 K27M-mutant diffuse midline glioma. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-12	2.8	2
33	Comparison of Red-Complex Bacteria Between Saliva and Subgingival Plaque of Periodontitis Patients: A Systematic Review and Meta-Analysis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 727732	5.9	2
32	Application of Omics and Bioinformatics Tools in Research. <i>Current Issues in Molecular Biology</i> , 2019 , 32, 327-376	2.9	2
31	Manipulation of Saliva-Derived Microcosm Biofilms To Resemble Dysbiotic Subgingival Microbiota. <i>Applied and Environmental Microbiology</i> , 2021 , 87,	4.8	2
30	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> , 2021 , 122, 104991	2.8	2
29	Starvation Survival and Biofilm Formation under Subminimum Inhibitory Concentration of QAMs. <i>BioMed Research International</i> , 2021 , 2021, 8461245	3	2
28	The two-component signal transduction system and its regulation in. <i>Virulence</i> , 2021 , 12, 1884-1899	4.7	2
27	Prognostic factors and nomogram prediction of survival probability in primary spinal cord astrocytoma patients. <i>Journal of Neurosurgery: Spine</i> , 2021 , 1-12	2.8	2
26	Synergized with to Increase the Pathogenesis and Drug Resistance in Cutaneous Abscess and Peritonitis Murine Models. <i>Pathogens</i> , 2021 , 10,	4.5	2
25	Artemisinin elevates ergosterol levels of <i>Candida albicans</i> to synergise with amphotericin B against oral candidiasis. <i>International Journal of Antimicrobial Agents</i> , 2021 , 58, 106394	14.3	2
24	Antibacterial Polymers for Dental Adhesives and Composites 2017 , 299-330		1
23	Biomaterials in Caries Prevention and Treatment 2017 , 101-110		1
22	Control of Biofilm at the Tooth-Restoration Bonding Interface: A Question for Antibacterial Monomers? A Critical Review 2018 , 287-305		1
21	The Oral Complications of COVID-19.. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 803785	5.6	1
20	Intradural Pathology Causing Cerebrospinal Fluid Obstruction in Syringomyelia and Effectiveness of Foramen Magnum and Foramen of Magendie Dredging Treatment. <i>World Neurosurgery</i> , 2020 , 144, e178-e188	2.1	1
19	Core Microbiota Promotes the Development of Dental Caries. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3638	2.6	1

18	The cross-kingdom interaction between <i>Helicobacter pylori</i> and <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1009515	7.6	1
17	A novel classification and its clinical significance in Chiari I malformation with syringomyelia based on high-resolution MRI. <i>European Spine Journal</i> , 2021 , 30, 1623-1634	2.7	1
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