

Lei Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/238515/publications.pdf>

Version: 2024-02-01

142
papers

7,977
citations

44069

48
h-index

58581

82
g-index

144
all docs

144
docs citations

144
times ranked

9112
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel dual-functional implants via oxygen non-thermal plasma and quaternary ammonium to promote osteogenesis and combat infections. <i>Dental Materials</i> , 2022, 38, 169-182.	3.5	5
2	Effect of pH-sensitive nanoparticles on inhibiting oral biofilms. <i>Drug Delivery</i> , 2022, 29, 561-573.	5.7	21
3	Expert consensus on dental caries management. <i>International Journal of Oral Science</i> , 2022, 14, 17.	8.6	71
4	Applications of CRISPR/Cas gene-editing technology in yeast and fungi. <i>Archives of Microbiology</i> , 2022, 204, 79.	2.2	11
5	Correlating the morphological changes to electrochemical performance during carbon corrosion in polymer electrolyte fuel cells. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12551-12562.	10.3	10
6	Starvation Survival and Biofilm Formation under Subminimum Inhibitory Concentration of QAMs. <i>BioMed Research International</i> , 2021, 2021, 1-10.	1.9	6
7	The two-component signal transduction system and its regulation in <i>Candida albicans</i> . <i>Virulence</i> , 2021, 12, 1884-1899.	4.4	13
8	The cross-kingdom interaction between <i>Helicobacter pylori</i> and <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009515.	4.7	11
9	Effect of Antibacterial Root Canal Sealer on Persistent Apical Periodontitis. <i>Antibiotics</i> , 2021, 10, 741.	3.7	11
10	Probing Heterogeneous Degradation of Catalyst in PEM Fuel Cells under Realistic Automotive Conditions with Multi-Modal Techniques. <i>Advanced Energy Materials</i> , 2021, 11, 2101794.	19.5	25
11	<i>Staphylococcus aureus</i> Synergized with <i>Candida albicans</i> to Increase the Pathogenesis and Drug Resistance in Cutaneous Abscess and Peritonitis Murine Models. <i>Pathogens</i> , 2021, 10, 1036.	2.8	21
12	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.	2.5	31
13	The Synergistic Effect of Nicotine and <i>Staphylococcus aureus</i> on Peri-Implant Infections. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 658380.	4.1	2
14	Anti-bacterial and anti-microbial aging effects of resin-based sealant modified by quaternary ammonium monomers. <i>Journal of Dentistry</i> , 2021, 112, 103767.	4.1	6
15	<i>Thermosynergistes pyruvatorans</i> gen. nov., sp. nov., an anaerobic, pyruvate-degrading bacterium from Shengli oilfield, and proposal of <i>Thermosynergistaceae</i> fam. nov. in the phylum <i>Synergistetes</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	15
16	Mining the Gut Microbiota for Microbial-Based Therapeutic Strategies in Cancer Immunotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 721249.	2.8	3
17	Intelligent pH-responsive dental sealants to prevent long-term microleakage. <i>Dental Materials</i> , 2021, 37, 1529-1541.	3.5	11
18	Molecular fingerprints in shales from the Sanhu biogenic gas fields in eastern Qaidam Basin, NW China: Evidence of biodegradation of shale organic matter. <i>Marine and Petroleum Geology</i> , 2021, 133, 105289.	3.3	6

#	ARTICLE	IF	CITATIONS
19	Novel dental implant modifications with two-staged double benefits for preventing infection and promoting osseointegration in vivo and in vitro. <i>Bioactive Materials</i> , 2021, 6, 4568-4579.	15.6	8
20	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.	1.8	10
21	Comparative analysis of oral microbiome from Zang and Han populations living at different altitudes. <i>Archives of Oral Biology</i> , 2021, 121, 104986.	1.8	7
22	Stimuli-responsive drug delivery systems for head and neck cancer therapy. <i>Drug Delivery</i> , 2021, 28, 272-284.	5.7	36
23	ANGPTL4-Mediated Promotion of Glycolysis Facilitates the Colonization of <i>Fusobacterium nucleatum</i> in Colorectal Cancer. <i>Cancer Research</i> , 2021, 81, 6157-6170.	0.9	40
24	The Oral Complications of COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 803785.	3.5	3
25	Role of Oral Bacteria in the Development of Oral Squamous Cell Carcinoma. <i>Cancers</i> , 2020, 12, 2797.	3.7	26
26	Advances of Anti-Caries Nanomaterials. <i>Molecules</i> , 2020, 25, 5047.	3.8	30
27	The microbial coinfection in COVID-19. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 7777-7785.	3.6	206
28	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, 6369.	4.1	15
29	<i>Porphyromonas gingivalis</i> Promotes Immuno-evasion of Oral Cancer by Protecting Cancer from Macrophage Attack. <i>Journal of Immunology</i> , 2020, 205, 282-289.	0.8	38
30	Mapping of Heterogeneous Catalyst Degradation in Polymer Electrolyte Fuel Cells. <i>Advanced Energy Materials</i> , 2020, 10, 2000623.	19.5	24
31	Novel Bioactive and Therapeutic Root Canal Sealers with Antibacterial and Remineralization Properties. <i>Materials</i> , 2020, 13, 1096.	2.9	27
32	Application of Antibiotics/Antimicrobial Agents on Dental Caries. <i>BioMed Research International</i> , 2020, 2020, 1-11.	1.9	54
33	Targeting tumor-associated macrophages in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2020, 106, 104723.	1.5	41
34	<i>Gudongella oleilytica</i> gen. nov., sp. nov., an aerotolerant bacterium isolated from Shengli oilfield and validation of family Tissierellaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 951-957.	1.7	24
35	<i>Zhaonella formicivorans</i> gen. nov., sp. nov., an anaerobic formate-utilizing bacterium isolated from Shengli oilfield, and proposal of four novel families and Moorellales ord. nov. in the phylum Firmicutes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 3361-3373.	1.7	27
36	Oriented porous LLZO 3D structures obtained by freeze casting for battery applications. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20861-20870.	10.3	65

#	ARTICLE	IF	CITATIONS
37	Development and status of resin composite as dental restorative materials. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48180.	2.6	81
38	Biom mineralization of dentin. <i>Journal of Structural Biology</i> , 2019, 207, 115-122.	2.8	64
39	Dental remineralization via poly(amido amine) and restorative materials containing calcium phosphate nanoparticles. <i>International Journal of Oral Science</i> , 2019, 11, 15.	8.6	52
40	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.	2.5	7
41	Effect of D-cysteine on dual-species biofilms of <i>Streptococcus mutans</i> and <i>Streptococcus sanguinis</i> . <i>Scientific Reports</i> , 2019, 9, 6689.	3.3	15
42	Solid-state electrolyte considerations for electric vehicle batteries. <i>Sustainable Energy and Fuels</i> , 2019, 3, 1647-1659.	4.9	32
43	Oral bacteria colonize and compete with gut microbiota in gnotobiotic mice. <i>International Journal of Oral Science</i> , 2019, 11, 10.	8.6	69
44	Quaternary Ammonium Salt-Based Cross-Linked Micelles to Combat Biofilm. <i>Bioconjugate Chemistry</i> , 2019, 30, 541-546.	3.6	28
45	Short-Time Antibacterial Effects of Dimethylaminododecyl Methacrylate on Oral Multispecies Biofilm In Vitro. <i>BioMed Research International</i> , 2019, 2019, 1-10.	1.9	17
46	Modifying Adhesive Materials to Improve the Longevity of Resinous Restorations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 723.	4.1	73
47	Influence of bioaging on corrosion behavior of different implant materials. <i>Clinical Implant Dentistry and Related Research</i> , 2019, 21, 1225-1234.	3.7	13
48	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.	5.8	19
49	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.	3.5	10
50	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.	7.3	54
51	Signal Transduction of Streptococci by Cyclic Dinucleotide Second Messengers. <i>Current Issues in Molecular Biology</i> , 2019, 32, 87-122.	2.4	3
52	The Adhesion and Invasion Mechanisms of Streptococci. <i>Current Issues in Molecular Biology</i> , 2019, 32, 521-560.	2.4	8
53	Application of Omics and Bioinformatics Tools in <i>Streptococcus</i> Research. <i>Current Issues in Molecular Biology</i> , 2019, 32, 327-376.	2.4	3
54	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.	3.1	33

#	ARTICLE	IF	CITATIONS
55	Nicotine is a risk factor for dental caries: AnÂinÂvivo study. Journal of Dental Sciences, 2018, 13, 30-36.	2.5	26
56	Lovastatin synergizes with itraconazole against planktonic cells and biofilms of Candida albicans through the regulation on ergosterol biosynthesis pathway. Applied Microbiology and Biotechnology, 2018, 102, 5255-5264.	3.6	35
57	Function of alanine racemase in the physiological activity and cariogenicity of Streptococcus mutans. Scientific Reports, 2018, 8, 5984.	3.3	14
58	Drug resistance of oral bacteria to new antibacterial dental monomer dimethylaminohexadecyl methacrylate. Scientific Reports, 2018, 8, 5509.	3.3	31
59	ERG3 and ERG11 genes are critical for the pathogenesis of Candida albicans during the oral mucosal infection. International Journal of Oral Science, 2018, 10, 9.	8.6	34
60	Long-term dentin remineralization by poly(amido amine) and rechargeable calcium phosphate nanocomposite after fluid challenges. Dental Materials, 2018, 34, 607-618.	3.5	30
61	Interface Instability of Fe-Stabilized Li ₇ La ₃ Zr ₂ O ₁₂ versus Li Metal. Journal of Physical Chemistry C, 2018, 122, 3780-3785.	3.1	83
62	The anti-carries effects of dental adhesive resin influenced by the position of functional groups in quaternary ammonium monomers. Dental Materials, 2018, 34, 400-411.	3.5	40
63	Novel rechargeable calcium phosphate nanocomposite with antibacterial activity to suppress biofilm acids and dental caries. Journal of Dentistry, 2018, 72, 44-52.	4.1	64
64	Evaluation of Novel Anticaries Adhesive in a Secondary Caries Animal Model. Caries Research, 2018, 52, 14-21.	2.0	25
65	Poly (amido amine) dendrimer and dental adhesive with calcium phosphate nanoparticles remineralized dentin in lactic acid. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2414-2424.	3.4	30
66	Garnet Electrolyte Surface Degradation and Recovery. ACS Applied Energy Materials, 2018, 1, 7244-7252.	5.1	81
67	Advanced smart biomaterials and constructs for hard tissue engineering and regeneration. Bone Research, 2018, 6, 31.	11.4	206
68	Influence of Dental Prosthesis and Restorative Materials Interface on Oral Biofilms. International Journal of Molecular Sciences, 2018, 19, 3157.	4.1	108
69	Research on oral microbiota of monozygotic twins with discordant caries experience - in vitro and in vivo study. Scientific Reports, 2018, 8, 7267.	3.3	15
70	Programmed cell removal by calreticulin in tissue homeostasis and cancer. Nature Communications, 2018, 9, 3194.	12.8	114
71	Investigating the Intercalation Chemistry of Alkali Ions in Fluoride Perovskites. Chemistry of Materials, 2017, 29, 1561-1568.	6.7	44
72	Enhanced lithium ion transport in garnet-type solid state electrolytes. Journal of Electroceramics, 2017, 38, 168-175.	2.0	22

#	ARTICLE	IF	CITATIONS
73	Synchrotron X-ray Analytical Techniques for Studying Materials Electrochemistry in Rechargeable Batteries. <i>Chemical Reviews</i> , 2017, 117, 13123-13186.	47.7	390
74	Formation of persisters in <i>Streptococcus mutans</i> biofilms induced by antibacterial dental monomer. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 178.	3.6	27
75	Effect of toothpaste containing arginine on dental plaque—A randomized controlled in situ study. <i>Journal of Dentistry</i> , 2017, 67, 88-93.	4.1	20
76	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.	3.4	25
77	Crystal Chemistry and Electrochemistry of $\text{Li}_x\text{Mn}_{1.5}\text{Ni}_{0.5}\text{O}_4$ Solid Solution Cathode Materials. <i>Chemistry of Materials</i> , 2017, 29, 6818-6828.	6.7	24
78	Do quaternary ammonium monomers induce drug resistance in cariogenic, endodontic and periodontal bacterial species?. <i>Dental Materials</i> , 2017, 33, 1127-1138.	3.5	58
79	Ecological Effect of Arginine on Oral Microbiota. <i>Scientific Reports</i> , 2017, 7, 7206.	3.3	46
80	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.	1.8	30
81	Effect of arginine on the growth and biofilm formation of oral bacteria. <i>Archives of Oral Biology</i> , 2017, 82, 256-262.	1.8	90
82	Effects of different substrates/growth media on microbial community of saliva-derived biofilm. <i>FEMS Microbiology Letters</i> , 2017, 364, .	1.8	23
83	Anti-Caries Effects of Dental Adhesives Containing Quaternary Ammonium Methacrylates with Different Chain Lengths. <i>Materials</i> , 2017, 10, 643.	2.9	40
84	Novel Dental Adhesive with Biofilm-Regulating and Remineralization Capabilities. <i>Materials</i> , 2017, 10, 26.	2.9	31
85	Combining Bioactive Multifunctional Dental Composite with PAMAM for Root Dentin Remineralization. <i>Materials</i> , 2017, 10, 89.	2.9	24
86	Heat-Polymerized Resin Containing Dimethylaminododecyl Methacrylate Inhibits <i>Candida albicans</i> Biofilm. <i>Materials</i> , 2017, 10, 431.	2.9	20
87	Anti-Bacterial and Microecosystem-Regulating Effects of Dental Implant Coated with Dimethylaminododecyl Methacrylate. <i>Molecules</i> , 2017, 22, 2013.	3.8	24
88	Nicotine Enhances Interspecies Relationship between <i>Streptococcus mutans</i> and <i>Candida albicans</i> . <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	23
89	Coexistence and competition of sulfate-reducing and methanogenic populations in an anaerobic hexadecane-degrading culture. <i>Biotechnology for Biofuels</i> , 2017, 10, 207.	6.2	36
90	Quaternary ammonium-induced multidrug tolerant <i>Streptococcus mutans</i> persisters elevate cariogenic virulence in vitro. <i>International Journal of Oral Science</i> , 2017, 9, e7-e7.	8.6	22

#	ARTICLE	IF	CITATIONS
91	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> , 2017, 12, e0177166.	2.5	24
92	Intermittent Contact Alternating Current Scanning Electrochemical Microscopy: A Method for Mapping Conductivities in Solid Li Ion Conducting Electrolyte Samples. <i>Frontiers in Energy Research</i> , 2016, 4, .	2.3	15
93	Effect of Antimicrobial Denture Base Resin on Multi-Species Biofilm Formation. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1033.	4.1	35
94	Novel Cavity Disinfectants Containing Quaternary Ammonium Monomer Dimethylaminododecyl Methacrylate. <i>Materials</i> , 2016, 9, 674.	2.9	14
95	Regulation of oxidative response and extracellular polysaccharide synthesis by a diadenylate cyclase in <i>Streptococcus mutans</i> . <i>Environmental Microbiology</i> , 2016, 18, 904-922.	3.8	72
96	A Novel Nanosilver/Nanosilica Hydrogel for Bone Regeneration in Infected Bone Defects. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13242-13250.	8.0	59
97	Alanine racemase is essential for the growth and interspecies competitiveness of <i>Streptococcus mutans</i> . <i>International Journal of Oral Science</i> , 2016, 8, 231-238.	8.6	22
98	Primer containing dimethylaminododecyl methacrylate kills bacteria impregnated in human dentin blocks. <i>International Journal of Oral Science</i> , 2016, 8, 239-245.	8.6	14
99	Metal segregation in hierarchically structured cathode materials for high-energy lithium batteries. <i>Nature Energy</i> , 2016, 1, .	39.5	209
100	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, 172-181.	8.6	76
101	Effect of anti-biofilm glass-ionomer cement on <i>Streptococcus mutans</i> biofilms. <i>International Journal of Oral Science</i> , 2016, 8, 76-83.	8.6	58
102	Structural and Electrochemical Consequences of Al and Ga Cosubstitution in $\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}$ Solid Electrolytes. <i>Chemistry of Materials</i> , 2016, 28, 2384-2392.	6.7	258
103	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.	8.6	75
104	Molecule Targeting Glucosyltransferase Inhibits <i>Streptococcus mutans</i> Biofilm Formation and Virulence. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 126-135.	3.2	117
105	Control of hydroxyapatite crystal growth by gallic acid. <i>Dental Materials Journal</i> , 2015, 34, 108-113.	1.8	6
106	The Use of Quaternary Ammonium to Combat Dental Caries. <i>Materials</i> , 2015, 8, 3532-3549.	2.9	50
107	8DSS-promoted remineralization of demineralized dentin in vitro. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6763-6772.	5.8	39
108	Effect of Surface Microstructure on Electrochemical Performance of Garnet Solid Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2073-2081.	8.0	347

#	ARTICLE	IF	CITATIONS
109	Remineralization of Demineralized Dentin Induced by Amine-terminated PAMAM Dendrimer. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 107-117.	3.6	44
110	A novel protein-repellent dental composite containing 2-methacryloyloxyethyl phosphorylcholine. <i>International Journal of Oral Science</i> , 2015, 7, 103-109.	8.6	53
111	Three-dimensional elemental imaging of Li-ion solid-state electrolytes using fs-laser induced breakdown spectroscopy (LIBS). <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 2295-2302.	3.0	73
112	Interrelationships among Grain Size, Surface Composition, Air Stability, and Interfacial Resistance of Al-Substituted $\text{Li}_{0.7}\text{La}_{0.3}\text{Zr}_{0.2}\text{O}_{12}$ Solid Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17649-17655.	8.0	220
113	In situ antibiofilm effect of glass-ionomer cement containing dimethylaminododecyl methacrylate. <i>Dental Materials</i> , 2015, 31, 992-1002.	3.5	22
114	Natural Products and Caries Prevention. <i>Caries Research</i> , 2015, 49, 38-45.	2.0	45
115	MicroRNA 224 Regulates Ion Transporter Expression in Ameloblasts To Coordinate Enamel Mineralization. <i>Molecular and Cellular Biology</i> , 2015, 35, 2875-2890.	2.3	21
116	Synthesis, Crystal Chemistry, and Electrochemical Properties of $\text{Li}_{0.7}\text{La}_{0.3}\text{Zr}_{0.2}\text{Mo}_x\text{O}_{12}$ ($x = 0.1-0.4$): Stabilization of the Cubic Garnet Polymorph via Substitution of Zr^{4+} by Mo^{6+} . <i>Inorganic Chemistry</i> , 2015, 54, 10440-10449.	4.0	95
117	Novel tea polyphenol-modified calcium phosphate nanoparticle and its remineralization potential. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 1525-1531.	3.4	24
118	Effects of crystallinity and impurities on the electrical conductivity of Li-La-Zr-O thin films. <i>Thin Solid Films</i> , 2015, 576, 55-60.	1.8	61
119	Oral cavity contains distinct niches with dynamic microbial communities. <i>Environmental Microbiology</i> , 2015, 17, 699-710.	3.8	271
120	Oral Microbiota Distinguishes Acute Lymphoblastic Leukemia Pediatric Hosts from Healthy Populations. <i>PLoS ONE</i> , 2014, 9, e102116.	2.5	61
121	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, 12791-12806.	4.1	58
122	Effects of simulated microgravity on <i>Streptococcus mutans</i> physiology and biofilm structure. <i>FEMS Microbiology Letters</i> , 2014, 359, 94-101.	1.8	19
123	Effective dentinal tubule occlusion induced by polyhydroxy-terminated PAMAM dendrimer in vitro. <i>RSC Advances</i> , 2014, 4, 43496-43503.	3.6	30
124	Effect of microstructure and surface impurity segregation on the electrical and electrochemical properties of dense Al-substituted $\text{Li}_{0.7}\text{La}_{0.3}\text{Zr}_{0.2}\text{O}_{12}$. <i>Journal of Materials Chemistry A</i> , 2014, 2, 172-181.	10.3	170
125	Antibacterial activity and ion release of bonding agent containing amorphous calcium phosphate nanoparticles. <i>Dental Materials</i> , 2014, 30, 891-901.	3.5	106
126	The origin of high electrolyte-electrode interfacial resistances in lithium cells containing garnet type solid electrolytes. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18294-18300.	2.8	431

#	ARTICLE	IF	CITATIONS
127	Esthetic comparison of white-spot lesion treatment modalities using spectrometry and fluorescence. <i>Angle Orthodontist</i> , 2014, 84, 343-349.	2.4	46
128	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, 464-474.	4.1	138
129	Hyperosmotic response of streptococcus mutans: from microscopic physiology to transcriptomic profile. <i>BMC Microbiology</i> , 2013, 13, 275.	3.3	16
130	Inorganic binder-containing composite cathode contact materials for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2013, 224, 174-179.	7.8	23
131	Dental primer and adhesive containing a new antibacterial quaternary ammonium monomer dimethylaminododecyl methacrylate. <i>Journal of Dentistry</i> , 2013, 41, 345-355.	4.1	138
132	Effects of antibacterial primers with quaternary ammonium and nano-silver on <i>Streptococcus mutans</i> impregnated in human dentin blocks. <i>Dental Materials</i> , 2013, 29, 462-472.	3.5	99
133	Effect of lithium borate addition on the physical and electrochemical properties of the lithium ion conductor $\text{Li}_3.4\text{Si}_0.4\text{P}_0.6\text{O}_4$. <i>Solid State Ionics</i> , 2013, 231, 109-115.	2.7	24
134	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, 101B, 929-938.	3.4	80
135	Novel dental adhesive containing antibacterial agents and calcium phosphate nanoparticles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 620-629.	3.4	127
136	Novel dental adhesives containing nanoparticles of silver and amorphous calcium phosphate. <i>Dental Materials</i> , 2013, 29, 199-210.	3.5	192
137	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, 1093-1099.	1.8	29
138	Effect of quaternary ammonium and silver nanoparticle-containing adhesives on dentin bond strength and dental plaque microcosm biofilms. <i>Dental Materials</i> , 2012, 28, 842-852.	3.5	142
139	Glass-containing composite cathode contact materials for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2011, 196, 8435-8443.	7.8	28
140	Selection of cathode contact materials for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2011, 196, 8313-8322.	7.8	75
141	Integrated thermal management strategy and materials for solid oxide fuel cells. <i>Journal of Power Sources</i> , 2011, 196, 10074-10078.	7.8	7
142	Cathode Contact Materials for Solid Oxide Fuel Cells. <i>ECS Transactions</i> , 2011, 35, 2625-2630.	0.5	3