

# Lei Lei

## List of Publications by Year in descending order

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72  
papers

1,717  
citations

430874

18  
h-index

330143

37  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2748  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sucrose selectively regulates <i>Streptococcus mutans</i> polysaccharide by GcrR.	3.8	6
2	Drug delivery systems for oral disease applications. <i>Journal of Applied Oral Science</i> , 2022, 30, e20210349.	1.8	10
3	Antisense vicR-Loaded Dendritic Mesoporous Silica Nanoparticles Regulate the Biofilm Organization and Cariogenicity of <i>Streptococcus mutans</i> . <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1255-1272.	6.7	7
4	Flexible Wearable Pressure Sensor Based on Collagen Fiber Material. <i>Micromachines</i> , 2022, 13, 694.	2.9	13
5	Science Popularization Education regarding Oral Health-General Health for Nonmedical Undergraduates Applying a SPOC Teaching Model. <i>Disease Markers</i> , 2022, 2022, 1-9.	1.3	1
6	An injectable and antibacterial calcium phosphate scaffold inhibiting <i>Staphylococcus aureus</i> and supporting stem cells for bone regeneration. <i>Materials Science and Engineering C</i> , 2021, 120, 111688.	7.3	19
7	Quantitative acetylome analysis reveals involvement of glucosyltransferase acetylation in <i>Streptococcus mutans</i> biofilm formation. <i>Environmental Microbiology Reports</i> , 2021, 13, 86-97.	2.4	18
8	Implementation of the "awakening and breathing trials, choice of drugs, delirium management, and early exercise/mobility" bundle in the pediatric intensive care unit of tertiary hospitals in southwestern China: a cross-sectional survey. <i>Journal of International Medical Research</i> , 2021, 49, 030006052098777.	1.0	4
9	The effects of oral health education regarding periodontal health on non-dental undergraduates in southwestern China—exploring the feasibility of an e-learning course for oral health promotion. <i>BMC Oral Health</i> , 2021, 21, 119.	2.3	6
10	Correlation of pathogenic effects of laryngopharyngeal reflux and bacterial infection in COME of children. <i>Acta Oto-Laryngologica</i> , 2021, 141, 454-458.	0.9	3
11	Antisense yycG modulates the susceptibility of <i>Staphylococcus aureus</i> to hydrogen peroxide via the sarA. <i>BMC Microbiology</i> , 2021, 21, 160.	3.3	7
12	An Antisense yycF RNA Modulates Biofilm Organization of Methicillin-Resistant <i>Staphylococcus aureus</i> and Pathogenicity in a Rat Model of Osteomyelitis. <i>Antibiotics</i> , 2021, 10, 603.	3.7	7
13	Design, Synthesis, and Bioactivity Evaluation of Dual-Target Inhibitors of Tubulin and Src Kinase Guided by Crystal Structure. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8127-8141.	6.4	19
14	A predictive nomogram: a cross-sectional study on a simple-to-use model for screening 12-year-old children for severe caries in middle schools. <i>BMC Oral Health</i> , 2021, 21, 457.	2.3	7
15	Novel nanographene oxide-calcium phosphate cement inhibits <i>Enterococcus faecalis</i> biofilm and supports dental pulp stem cells. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 580.	2.3	8
16	Prevalence of post-traumatic stress disorders and associated factors one month after the outbreak of the COVID-19 among the public in southwestern China: a cross-sectional study. <i>BMC Psychiatry</i> , 2021, 21, 545.	2.6	7
17	The <i>vicK</i> Gene Regulates the Microstructure of Exopolysaccharide in the Biofilm of <i>Streptococcus mutans</i> through the Î²-Monosaccharides. <i>Caries Research</i> , 2021, 55, 534-545.	2.0	3
18	The <i>vicK</i> gene of <i>Streptococcus mutans</i> mediates its cariogenicity via exopolysaccharides metabolism. <i>International Journal of Oral Science</i> , 2021, 13, 45.	8.6	16

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19	The Role of <i>Staphylococcus aureus</i> YycFG in Gene Regulation, Biofilm Organization and Drug Resistance. <i>Antibiotics</i> , 2021, 10, 1555.	3.7	16
20	Synthesis and Biological Evaluation of Novel Substituted 4-Anilinoquinazolines as Antitumor Agents. <i>Chemical Biology and Drug Design</i> , 2020, 96, 1084-1094.	3.2	1
21	Nano-graphene oxide with antisense <i>walR</i> RNA inhibits the pathogenicity of <i>Enterococcus faecalis</i> in periapical periodontitis. <i>Journal of Dental Sciences</i> , 2020, 15, 65-74.	2.5	19
22	Nano-graphene oxide with antisense <i>vicR</i> RNA reduced exopolysaccharide synthesis and biofilm aggregation for <i>Streptococcus mutans</i> . <i>Dental Materials Journal</i> , 2020, 39, 278-286.	1.8	18
23	Effects of <i>S. mutans</i> gene-modification and antibacterial monomer dimethylaminohexadecyl methacrylate on biofilm growth and acid production. <i>Dental Materials</i> , 2020, 36, 296-309.	3.5	17
24	Carbohydrate Metabolism Regulated by Antisense <i>vicR</i> RNA in Cariogenicity. <i>Journal of Dental Research</i> , 2020, 99, 204-213.	5.2	15
25	Oncological outcomes of early stage glottic squamous cell carcinoma treated with transoral laser microsurgery. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2020, 41, 102364.	1.3	3
26	Nanographene oxide-calcium phosphate to inhibit <i>Staphylococcus aureus</i> infection and support stem cells for bone tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1779-1791.	2.7	8
27	Nanographene oxides carrying antisense <i>walR</i> RNA regulates the <i>Enterococcus faecalis</i> biofilm formation and its susceptibility to chlorhexidine. <i>Letters in Applied Microbiology</i> , 2020, 71, 451-458.	2.2	7
28	Regulating Oral Biofilm from Cariogenic State to Non-Cariogenic State via Novel Combination of Bioactive Therapeutic Composite and Gene-Knockout. <i>Microorganisms</i> , 2020, 8, 1410.	3.6	3
29	Comparison of oral health behaviour between dental and non-dental undergraduates in a university in southwestern China—exploring the future priority for oral health education. <i>BMC Oral Health</i> , 2020, 20, 249.	2.3	5
30	<i>S. mutans</i> gene-modification and antibacterial resin composite as dual strategy to suppress biofilm acid production and inhibit caries. <i>Journal of Dentistry</i> , 2020, 93, 103278.	4.1	23
31	Comparison of Prevalence and Associated Factors of Anxiety and Depression Among People Affected by versus People Unaffected by Quarantine During the COVID-19 Epidemic in Southwestern China. <i>Medical Science Monitor</i> , 2020, 26, e924609.	1.1	552
32	Two-component signaling pathways modulate drug resistance of. <i>Biomedical Reports</i> , 2020, 13, 5.	2.0	16
33	Endogenous antisense <i>walR</i> RNA modulates biofilm organization and pathogenicity of <i>Enterococcus faecalis</i> . <i>Experimental and Therapeutic Medicine</i> , 2020, 21, 69.	1.8	8
34	The Pathogenicity and Transcriptome Analysis of Methicillin-Resistant <i>Staphylococcus aureus</i> in Response to Water Extract of <i>Galla chinensis</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	1.2	20
35	<i>Staphylococcus aureus</i> biofilm organization modulated by YycFG two-component regulatory pathway. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 10.	2.3	18
36	A new transformation method with nanographene oxides of antisense carrying <i>yycG</i> RNA improved antibacterial properties on methicillin-resistant <i>Staphylococcus aureus</i> biofilm. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1540-1546.	0.9	8

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37	Nano-graphene oxide improved the antibacterial property of antisense <i>yycG</i> RNA on <i>Staphylococcus aureus</i> . <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 305.	2.3	10
38	Mechanisms by Which Small RNAs Affect Bacterial Activity. <i>Journal of Dental Research</i> , 2019, 98, 1315-1323.	5.2	6
39	Regulation of water-soluble glucan synthesis by the <i>Streptococcus mutans dexA</i> gene effects biofilm aggregation and cariogenic pathogenicity. <i>Molecular Oral Microbiology</i> , 2019, 34, 51-63.	2.7	29
40	Effect of fixed orthodontic treatment on oral microbiota and salivary proteins. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 4237-4243.	1.8	12
41	Antisense <i>yycG</i> Regulation of Antibiotic Sensitivity of Methicillin-Resistant <i>Staphylococcus aureus</i> in Chronic Osteomyelitis. <i>Surgical Infections</i> , 2019, 20, 472-479.	1.4	11
42	The Efficacy and Safety of a Herbal Toothpaste in Reducing Gingivitis: A Double-Blind, Randomized, Placebo-Controlled, Parallel Allocation Clinical Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	1.2	5
43	The Susceptibility to Calcium Hydroxide Modulated by the Essential <i>walR</i> Gene Reveals the Role for <i>Enterococcus faecalis</i> Biofilm Aggregation. <i>Journal of Endodontics</i> , 2019, 45, 295-301.e2.	3.1	20
44	Clinical analysis of audiology in two hundred seventy-seven patients with myringosclerosis. <i>Clinical Otolaryngology</i> , 2019, 44, 465-470.	1.2	3
45	Virulence of methicillin-resistant <i>Staphylococcus aureus</i> modulated by the <i>YycFG</i> two-component pathway in a rat model of osteomyelitis. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 433.	2.3	7
46	Effects of <i>S. mutans</i> gene-modification and antibacterial calcium phosphate nanocomposite on secondary caries and marginal enamel hardness. <i>RSC Advances</i> , 2019, 9, 41672-41683.	3.6	9
47	Heat shock protein 70 is induced by pepsin via MAPK signaling in human nasal epithelial cells. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 767-774.	1.6	11
48	The <i>VicRK</i> Two-Component System Regulates <i>Streptococcus mutans</i> Virulence. <i>Current Issues in Molecular Biology</i> , 2019, 32, 167-200.	2.4	13
49	The Regulator Gene <i>rnc</i> Is Closely Involved in Biofilm Formation in <i>Streptococcus mutans</i> . <i>Caries Research</i> , 2018, 52, 347-358.	2.0	22
50	The extent of pyroptosis varies in different stages of apical periodontitis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 226-237.	3.8	54
51	Genome editing in <i>Streptococcus mutans</i> through self-targeting CRISPR arrays. <i>Molecular Oral Microbiology</i> , 2018, 33, 440-449.	2.7	39
52	Activity of <i>Streptococcus mutans</i> <i>VicR</i> Is Modulated by Antisense RNA. <i>Journal of Dental Research</i> , 2018, 97, 1477-1484.	5.2	54
53	Inhibition of <i>Enterococcus faecalis</i> Growth and Biofilm Formation by Molecule Targeting Cyclic di-AMP Synthetase Activity. <i>Journal of Endodontics</i> , 2018, 44, 1381-1388.e2.	3.1	26
54	An integrated analysis identifies STAT4 as a key regulator of ovarian cancer metastasis. <i>Oncogene</i> , 2017, 36, 3384-3396.	5.9	69

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55	Epicanthoplasty with Epicanthal Dermatic Tension-Releasing Incision Based on Skin Projection of Inner Canthal Ligament. <i>Aesthetic Plastic Surgery</i> , 2017, 41, 863-871.	0.9	8
56	Effects of pepsin A on heat shock protein 70 response in laryngopharyngeal reflux patients with chronic rhinosinusitis. <i>Acta Oto-Laryngologica</i> , 2017, 137, 1253-1259.	0.9	22
57	Comparison of the effects of esomeprazole plus mosapride citrate and botulinum toxin A on vocal process granuloma. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2017, 38, 593-597.	1.3	11
58	Advances in the Diagnosis and Treatment of Acute Kidney Injury in Cirrhosis Patients. <i>BioMed Research International</i> , 2017, 2017, 1-7.	1.9	7
59	The rnc Gene Promotes Exopolysaccharide Synthesis and Represses the vicRKX Gene Expressions via MicroRNA-Size Small RNAs in <i>Streptococcus mutans</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 687.	3.5	37
60	Exopolysaccharide dispelled by calcium hydroxide with volatile vehicles related to bactericidal effect for root canal medication. <i>Journal of Applied Oral Science</i> , 2016, 24, 487-495.	1.8	16
61	A proposal for using contralateral teeth to provide well-balanced experimental groups for endodontic studies. <i>International Endodontic Journal</i> , 2016, 49, 1001-1008.	5.0	17
62	Development of Purine-Based Hydroxamic Acid Derivatives: Potent Histone Deacetylase Inhibitors with Marked in Vitro and in Vivo Antitumor Activities. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5488-5504.	6.4	53
63	Design, Synthesis, and Evaluation of in Vitro and in Vivo Anticancer Activity of 4-Substituted Coumarins: A Novel Class of Potent Tubulin Polymerization Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5721-5739.	6.4	85
64	Synthesis, in vitro and in vivo evaluation of novel substituted N-(4-(2-(4-benzylpiperazin-1-yl)ethoxy)phenyl)-N-methyl-quinazolin-4-amines as potent antitumor agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1931-1935.	2.2	3
65	Modulation of Biofilm Exopolysaccharides by the <i>Streptococcus mutans</i> vicX Gene. <i>Frontiers in Microbiology</i> , 2015, 6, 1432.	3.5	40
66	Structural exploration, synthesis and pharmacological evaluation of novel 5-benzylidenethiazolidine-2,4-dione derivatives as iNOS inhibitors against inflammatory diseases. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 178-190.	5.5	36
67	MTAD combined with endosonic irrigation as a new approach for the disinfection of <i>Enterococcus faecalis</i> biofilm. <i>Journal of Dental Sciences</i> , 2015, 10, 437-443.	2.5	4
68	Synthesis and biological evaluation of novel pyrazoline derivatives as potent anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2429-2433.	2.2	31
69	Pharmacological Effects of the Water Fraction of Key Components in the Traditional Chinese Prescription Mai Tong Fang on 3T3-L1 Adipocytes and ob/ob Diabetic Mice. <i>Molecules</i> , 2014, 19, 14687-14698.	3.8	7
70	Synthesis and lipid-lowering evaluation of 3-methyl-1H-purine-2,6-dione derivatives as potent and orally available anti-obesity agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 595-610.	5.5	8
71	Mini Review Therapeutic Strategies Targeting for Biofilm and Bone Infections. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	7
72	Factors associated with venous thromboembolism in the paediatric intensive care unit: A systematic review and meta-analysis. <i>Nursing in Critical Care</i> , 0, , .	2.3	1