# Lei Lei

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2454372/publications.pdf

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| 72 | 1,717 | 430874 | 330143 |
|---|---|---|---|
| papers | citations | 18 h-index | 37 g-index |

| 79 | 79 | 79 | 2748 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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. Medical Science Monitor, 2020, 26, e924609. | 1.1 | 552 |
| 2 | Design, Synthesis, and Evaluation of in Vitro and in Vivo Anticancer Activity of 4-Substituted Coumarins: A Novel Class of Potent Tubulin Polymerization Inhibitors. Journal of Medicinal Chemistry, 2016, 59, 5721-5739. | 6.4 | 85 |
| 3 | An integrated analysis identifies STAT4 as a key regulator of ovarian cancer metastasis. Oncogene, 2017, 36, 3384-3396. | 5.9 | 69 |
| 4 | The extent of pyroptosis varies in different stages of apical periodontitis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 226-237. | 3.8 | 54 |
| 5 | Activity of Streptococcus mutans VicR Is Modulated by Antisense RNA. Journal of Dental Research, 2018, 97, 1477-1484. | 5.2 | 54 |
| 6 | Development of Purine-Based Hydroxamic Acid Derivatives: Potent Histone Deacetylase Inhibitors with Marked in Vitro and in Vivo Antitumor Activities. Journal of Medicinal Chemistry, 2016, 59, 5488-5504. | 6.4 | 53 |
| 7 | Modulation of Biofilm Exopolysaccharides by the Streptococcus mutans vicX Gene. Frontiers in Microbiology, 2015, 6, 1432. | 3.5 | 40 |
| 8 | Genome editing in Streptococcus mutans through selfâ€targeting CRISPR arrays. Molecular Oral Microbiology, 2018, 33, 440-449. | 2.7 | 39 |
| 9 | The rnc Gene Promotes Exopolysaccharide Synthesis and Represses the vicRKX Gene Expressions via MicroRNA-Size Small RNAs in Streptococcus mutans. Frontiers in Microbiology, 2016, 7, 687. | 3.5 | 37 |
| 10 | Structural exploration, synthesis and pharmacological evaluation of novel 5-benzylidenethiazolidine-2,4-dione derivatives as iNOS inhibitors against inflammatory diseases. European Journal of Medicinal Chemistry, 2015, 92, 178-190. | 5.5 | 36 |
| 11 | Synthesis and biological evaluation of novel pyrazoline derivatives as potent anti-inflammatory agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2429-2433. | 2.2 | 31 |
| 12 | Regulation of waterâ€soluble glucan synthesis by the Streptococcus mutans dexA gene effects biofilm aggregation and cariogenic pathogenicity. Molecular Oral Microbiology, 2019, 34, 51-63. | 2.7 | 29 |
| 13 | Inhibition of Enterococcus faecalis Growth and Biofilm Formation by Molecule Targeting Cyclic di-AMP Synthetase Activity. Journal of Endodontics, 2018, 44, 1381-1388.e2. | 3.1 | 26 |
| 14 | S. mutans gene-modification and antibacterial resin composite as dual strategy to suppress biofilm acid production and inhibit caries. Journal of Dentistry, 2020, 93, 103278. | 4.1 | 23 |
| 15 | Effects of pepsin A on heat shock protein 70 response in laryngopharyngeal reflux patients with chronic rhinosinusitis. Acta Oto-Laryngologica, 2017, 137, 1253-1259. | 0.9 | 22 |
| 16 | The Regulator Gene <b><i>rnc</i></b> Is Closely Involved in Biofilm Formation in <b><i>Streptococcus mutans</i></b>. Caries Research, 2018, 52, 347-358. | 2.0 | 22 |
| 17 | The Pathogenicity and Transcriptome Analysis of Methicillin-Resistant Staphylococcus aureus in Response to Water Extract of Galla chinensis. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-10. | 1.2 | 20 |
| 18 | The Susceptibility to Calcium Hydroxide Modulated by the Essential walR Gene Reveals the Role for Enterococcus faecalis Biofilm Aggregation. Journal of Endodontics, 2019, 45, 295-301.e2. | 3.1 | 20 |

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|---|---|---|---|
| 19 | Nano-graphene oxide with antisense walR RNA inhibits the pathogenicity of Enterococcus faecalis in periapical periodontitis. Journal of Dental Sciences, 2020, 15, 65-74. | 2.5 | 19 |
| 20 | An injectable and antibacterial calcium phosphate scaffold inhibiting Staphylococcus aureus and supporting stem cells for bone regeneration. Materials Science and Engineering C, 2021, 120, 111688. | 7.3 | 19 |
| 21 | Design, Synthesis, and Bioactivity Evaluation of Dual-Target Inhibitors of Tubulin and Src Kinase Guided by Crystal Structure. Journal of Medicinal Chemistry, 2021, 64, 8127-8141. | 6.4 | 19 |
| 22 | Staphylococcus aureus biofilm organization modulated by YycFG two-component regulatory pathway. Journal of Orthopaedic Surgery and Research, 2019, 14, 10. | 2.3 | 18 |
| 23 | Nano-graphene oxide with antisense vicR RNA reduced exopolysaccharide synthesis and biofilm aggregation for Streptococcus mutans . Dental Materials Journal, 2020, 39, 278-286. | 1.8 | 18 |
| 24 | Quantitative acetylome analysis reveals involvement of glucosyltransferase acetylation in Streptococcus mutans biofilm formation. Environmental Microbiology Reports, 2021, 13, 86-97. | 2.4 | 18 |
| 25 | A proposal for using contralateral teeth to provide wellâ€balanced experimental groups for endodontic studies. International Endodontic Journal, 2016, 49, 1001-1008. | 5.0 | 17 |
| 26 | Effects of S. mutans gene-modification and antibacterial monomer dimethylaminohexadecyl methacrylate on biofilm growth and acid production. Dental Materials, 2020, 36, 296-309. | 3.5 | 17 |
| 27 | Exopolysaccharide dispelled by calcium hydroxide with volatile vehicles related to bactericidal effect for root canal medication. Journal of Applied Oral Science, 2016, 24, 487-495. | 1.8 | 16 |
| 28 | Two-component signaling pathways modulate drug resistance of. Biomedical Reports, 2020, 13, 5. | 2.0 | 16 |
| 29 | The vicK gene of Streptococcus mutans mediates its cariogenicity via exopolysaccharides metabolism. International Journal of Oral Science, 2021, 13, 45. | 8.6 | 16 |
| 30 | The Role of Staphylococcus aureus YycFG in Gene Regulation, Biofilm Organization and Drug Resistance. Antibiotics, 2021, 10, 1555. | 3.7 | 16 |
| 31 | Carbohydrate Metabolism Regulated by Antisense vicR RNA in Cariogenicity. Journal of Dental Research, 2020, 99, 204-213. | 5.2 | 15 |
| 32 | The VicRK Two-Component System Regulates Streptococcus mutans Virulence. Current Issues in Molecular Biology, 2019, 32, 167-200. | 2.4 | 13 |
| 33 | Flexible Wearable Pressure Sensor Based on Collagen Fiber Material. Micromachines, 2022, 13, 694. | 2.9 | 13 |
| 34 | Effect of fixed orthodontic treatment on oral microbiota and salivary proteins. Experimental and Therapeutic Medicine, 2019, 17, 4237-4243. | 1.8 | 12 |
| 35 | Comparison of the effects of esomeprazole plus mosapride citrate and botulinum toxin A on vocal process granuloma. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2017, 38, 593-597. | 1.3 | 11 |
| 36 | AntisenseyycGRegulation of Antibiotic Sensitivity of Methicillin-ResistantStaphylococcus aureusin Chronic Osteomyelitis. Surgical Infections, 2019, 20, 472-479. | 1.4 | 11 |

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|---|---|---|---|
| 37 | Heat shock protein 70 is induced by pepsin via MAPK signaling in human nasal epithelial cells. European Archives of Oto-Rhino-Laryngology, 2019, 276, 767-774. | 1.6 | 11 |
| 38 | Nano-graphene oxide improved the antibacterial property of antisense yycG RNA on Staphylococcus aureus. Journal of Orthopaedic Surgery and Research, 2019, 14, 305. | 2.3 | 10 |
| 39 | Drug delivery systems for oral disease applications. Journal of Applied Oral Science, 2022, 30, e20210349. | 1.8 | 10 |
| 40 | Effects of S. mutans gene-modification and antibacterial calcium phosphate nanocomposite on secondary caries and marginal enamel hardness. RSC Advances, 2019, 9, 41672-41683. | 3.6 | 9 |
| 41 | Synthesis and lipid-lowering evaluation of 3-methyl-1H-purine-2,6-dione derivatives as potent and orally available anti-obesity agents. European Journal of Medicinal Chemistry, 2014, 87, 595-610. | 5.5 | 8 |
| 42 | Epicanthoplasty with Epicanthal Dermatic Tension-Releasing Incision Based on Skin Projection of Inner Canthal Ligament. Aesthetic Plastic Surgery, 2017, 41, 863-871. | 0.9 | 8 |
| 43 | 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. Journal of Veterinary Medical Science, 2019, 81, 1540-1546. | 0.9 | 8 |
| 44 | Nanographene oxideâ€calcium phosphate to inhibit <scp> Staphylococcus aureus </scp> infection and support stem cells for bone tissue engineering. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1779-1791. | 2.7 | 8 |
| 45 | Endogenous antisense walR RNA modulates biofilm organization and pathogenicity of EnterococcusÂfaecalis. Experimental and Therapeutic Medicine, 2020, 21, 69. | 1.8 | 8 |
| 46 | Novel nanographene oxide-calcium phosphate cement inhibits Enterococcus faecalis biofilm and supports dental pulp stem cells. Journal of Orthopaedic Surgery and Research, 2021, 16, 580. | 2.3 | 8 |
| 47 | 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. Molecules, 2014, 19, 14687-14698. | 3.8 | 7 |
| 48 | Advances in the Diagnosis and Treatment of Acute Kidney Injury in Cirrhosis Patients. BioMed Research International, 2017, 2017, 1-7. | 1.9 | 7 |
| 49 | Virulence of methicillin-resistant Staphylococcus aureus modulated by the YycFG two-component pathway in a rat model of osteomyelitis. Journal of Orthopaedic Surgery and Research, 2019, 14, 433. | 2.3 | 7 |
| 50 | Nanographene oxides carrying antisense walR RNA regulates the Enterococcus faecalis biofilm formation and its susceptibility to chlorhexidine. Letters in Applied Microbiology, 2020, 71, 451-458. | 2.2 | 7 |
| 51 | Antisense yycG modulates the susceptibility of Staphylococcus aureus to hydrogen peroxide via the sarA. BMC Microbiology, 2021, 21, 160. | 3.3 | 7 |
| 52 | An Antisense yycF RNA Modulates Biofilm Organization of Methicillin-Resistant Staphylococcus aureus and Pathogenicity in a Rat Model of Osteomyelitis. Antibiotics, 2021, 10, 603. | 3.7 | 7 |
| 53 | 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. BMC Oral Health, 2021, 21, 457. | 2.3 | 7 |
| 54 | 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. BMC Psychiatry, 2021, 21, 545. | 2.6 | 7 |

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|---|---|---|---|
| 55 | Antisense vicR-Loaded Dendritic Mesoporous Silica Nanoparticles Regulate the Biofilm Organization and Cariogenicity of Streptococcus mutans. International Journal of Nanomedicine, 2022, Volume 17, 1255-1272. | 6.7 | 7 |
| 56 | Mini Review Therapeutic Strategies Targeting for Biofilm and Bone Infections. Frontiers in Microbiology, 0, 13, . | 3.5 | 7 |
| 57 | Mechanisms by Which Small RNAs Affect Bacterial Activity. Journal of Dental Research, 2019, 98, 1315-1323. | 5.2 | 6 |
| 58 | The effects of oral health education regarding periodontal health on non-dental undergraduates in southwestern Chinaâ€"exploring the feasibility of an e-learning course for oral health promotion. BMC Oral Health, 2021, 21, 119. | 2.3 | 6 |
| 59 | Sucrose selectively regulates Streptococcus mutans polysaccharide by <scp>GcrR</scp>. Environmental Microbiology, 2022, 24, 1395-1410. | 3.8 | 6 |
| 60 | The Efficacy and Safety of a Herbal Toothpaste in Reducing Gingivitis: A Double-Blind, Randomized, Placebo-Controlled, Parallel Allocation Clinical Trial. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-10. | 1.2 | 5 |
| 61 | Comparison of oral health behaviour between dental and non-dental undergraduates in a university in southwestern Chinaâ€"â€"exploring the future priority for oral health education. BMC Oral Health, 2020, 20, 249. | 2.3 | 5 |
| 62 | MTAD combined with endosonic irrigation as a new approach for the disinfection of Enterococcus faecalis biofilm. Journal of Dental Sciences, 2015, 10, 437-443. | 2.5 | 4 |
| 63 | Implementation of the â€œawakening and breathing trials, choice of drugs, delirium management, and early exercise/mobilityâ€•bundle in the pediatric intensive care unit of tertiary hospitals in southwestern China: a cross-sectional survey. Journal of International Medical Research, 2021, 49, 030006052098777. | 1.0 | 4 |
| 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. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1931-1935. | 2.2 | 3 |
| 65 | Clinical analysis of audiology in two hundred seventyâ€seven patients with myringosclerosis. Clinical Otolaryngology, 2019, 44, 465-470. | 1.2 | 3 |
| 66 | Oncological outcomes of early stage glottic squamous cell carcinoma treated with transoral laser microsurgery. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2020, 41, 102364. | 1.3 | 3 |
| 67 | Regulating Oral Biofilm from Cariogenic State to Non-Cariogenic State via Novel Combination of Bioactive Therapeutic Composite and Gene-Knockout. Microorganisms, 2020, 8, 1410. | 3.6 | 3 |
| 68 | Correlation of pathogenic effects of laryngopharyngeal reflux and bacterial infection in COME of children. Acta Oto-Laryngologica, 2021, 141, 454-458. | 0.9 | 3 |
| 69 | The <b><i>rnc</i></b> Gene Regulates the Microstructure of Exopolysaccharide in the Biofilm of <b><i>Streptococcus mutans</i></b> through the Î²-Monosaccharides. Caries Research, 2021, 55, 534-545. | 2.0 | 3 |
| 70 | Synthesis and Biological Evaluation of Novel Substituted 4â€Anilinoquinazolines as Antitumor Agents. Chemical Biology and Drug Design, 2020, 96, 1084-1094. | 3.2 | 1 |
| 71 | Factors associated with venous thromboembolism in the paediatric intensive care unit: A systematic review and metaâ€analysis. Nursing in Critical Care, 0, , . | 2.3 | 1 |
| 72 | Science Popularization Education regarding Oral Health-General Health for Nonmedical Undergraduates Applying a SPOC Teaching Model. Disease Markers, 2022, 2022, 1-9. | 1.3 | 1 |