

Kui 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.

43
papers

1,442
citations

19
h-index

37
g-index

47
ext. papers

1,839
ext. citations

6.7
avg, IF

4.71
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 43 | A highly selective and sensitive chemiluminescent probe for leucine aminopeptidase detection , and in human liver cancer tissue.. <i>Chemical Science</i> , 2022 , 13, 2324-2330 | 9.4 | 5 |
| 42 | The Protective Effects of Hydrogen Sulfide New Donor Methyl -(4-Fluorobenzyl)--(3,4,5-Trimethoxybenzoyl)-l-Cysteinate on the Ischemic Stroke.. <i>Molecules</i> , 2022 , 27, | 4.8 | 2 |
| 41 | Recent Research on Flavonoids and their Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2021 , 28, 1042-1066 | 4.3 | 29 |
| 40 | Design, Synthesis, and Structure-Activity Relationship of -Aryl-V(thiophen-2-yl)thiourea Derivatives as Novel and Specific Human TLR1/2 Agonists for Potential Cancer Immunotherapy. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 7371-7389 | 8.3 | 5 |
| 39 | Optimization of CAR-T Cell-Based Therapies Using Small-Molecule-Based Safety Switches. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 9577-9591 | 8.3 | 5 |
| 38 | TLR1/2 Agonist Enhances Reversal of HIV-1 Latency and Promotes NK Cell-Induced Suppression of HIV-1-Infected Autologous CD4 T Cells. <i>Journal of Virology</i> , 2021 , 95, e0081621 | 6.6 | 0 |
| 37 | Discovery of isoliquiritigenin analogues that reverse acute hepatitis by inhibiting macrophage polarization. <i>Bioorganic Chemistry</i> , 2021 , 114, 105043 | 5.1 | 1 |
| 36 | Advances of biological-camouflaged nanoparticles delivery system. <i>Nano Research</i> , 2020 , 13, 2617-2624 | 10 | 5 |
| 35 | Design and pharmaceutical applications of proteolysis-targeting chimeric molecules. <i>Biochemical Pharmacology</i> , 2020 , 182, 114211 | 6 | 5 |
| 34 | Potential treatment methods targeting 2019-nCoV infection. <i>European Journal of Medicinal Chemistry</i> , 2020 , 205, 112687 | 6.8 | 20 |
| 33 | Immunotherapy for treating methamphetamine, heroin and cocaine use disorders. <i>Drug Discovery Today</i> , 2020 , 25, 610-619 | 8.8 | 8 |
| 32 | Structure-activity relationship study and biological evaluation of SAC-Garlic acid conjugates as novel anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2019 , 179, 233-245 | 6.8 | 6 |
| 31 | Autophagy induced by STING, an unnoticed and primordial function of cGAS. <i>Cellular and Molecular Immunology</i> , 2019 , 16, 683-684 | 15.4 | 9 |
| 30 | TLR1/2 Specific Small-Molecule Agonist Suppresses Leukemia Cancer Cell Growth by Stimulating Cytotoxic T Lymphocytes. <i>Advanced Science</i> , 2019 , 6, 1802042 | 13.6 | 23 |
| 29 | Semi-preparative separation of dihydromyricetin enantiomers by supercritical fluid chromatography and determination of anti-inflammatory activities. <i>Journal of Chromatography A</i> , 2019 , 1606, 460386 | 4.5 | 10 |
| 28 | Synthesis of urea analogues bearing N-alkyl-NV(thiophen-2-yl) scaffold and evaluation of their innate immune response to toll-like receptors. <i>European Journal of Medicinal Chemistry</i> , 2019 , 169, 42-52 | 6.8 | 5 |
| 27 | Targeting pattern-recognition receptors to discover new small molecule immune modulators. <i>European Journal of Medicinal Chemistry</i> , 2018 , 144, 82-92 | 6.8 | 35 |

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| 26 | Synthesis, structure-activity relationships and preliminary mechanism study of N-benzylideneaniline derivatives as potential TLR2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 2041-2050 | 3.4 | 9 |
| 25 | Ter-cell, A New Target for Hepatocellular Carcinoma Therapy. <i>ChemBioChem</i> , 2018 , 19, 2254-2256 | 3.8 | 1 |
| 24 | The Role of Toll-Like Receptor in Inflammation and Tumor Immunity. <i>Frontiers in Pharmacology</i> , 2018 , 9, 878 | 5.6 | 74 |
| 23 | TLR4-dependent fibroblast activation drives persistent organ fibrosis in skin and lung. <i>JCI Insight</i> , 2018 , 3, | 9.9 | 48 |
| 22 | Structure-based discovery of a specific TLR1-TLR2 small molecule agonist from the ZINC drug library database. <i>Chemical Communications</i> , 2018 , 54, 11411-11414 | 5.8 | 15 |
| 21 | Discovery of novel small molecule TLR4 inhibitors as potent anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2018 , 154, 253-266 | 6.8 | 19 |
| 20 | Development of Antibacterial Drugs by Targeting Toll-Like Receptors. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 270-277 | 3 | 2 |
| 19 | Pyrimidine Triazole Thioether Derivatives as Toll-Like Receptor 5 (TLR5)/Flagellin Complex Inhibitors. <i>ChemMedChem</i> , 2016 , 11, 822-6 | 3.7 | 19 |
| 18 | Targeting protein-protein interfaces using macrocyclic peptides. <i>Biopolymers</i> , 2015 , 104, 310-6 | 2.2 | 43 |
| 17 | Activation of MyD88-dependent TLR1/2 signaling by misfolded β synuclein, a protein linked to neurodegenerative disorders. <i>Science Signaling</i> , 2015 , 8, ra45 | 8.8 | 151 |
| 16 | Curvature sensing MARCKS-ED peptides bind to membranes in a stereo-independent manner. <i>Journal of Peptide Science</i> , 2015 , 21, 577-585 | 2.1 | 7 |
| 15 | Specific activation of the TLR1-TLR2 heterodimer by small-molecule agonists. <i>Science Advances</i> , 2015 , 1, | 14.3 | 44 |
| 14 | Rationally Designed Macrocyclic Peptides as Synergistic Agonists of LPS-Induced Inflammatory Response. <i>Tetrahedron</i> , 2014 , 70, 7664-7668 | 2.4 | 13 |
| 13 | Rifampin inhibits Toll-like receptor 4 signaling by targeting myeloid differentiation protein 2 and attenuates neuropathic pain. <i>FASEB Journal</i> , 2013 , 27, 2713-22 | 0.9 | 46 |
| 12 | Design, synthesis and antibacterial activity studies of thiazole derivatives as potent eCKAS III inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 4235-8 | 2.9 | 16 |
| 11 | Innenrücktitelbild: Discovery of Small-Molecule Inhibitors of the TLR1/TLR2 Complex (Angew. Chem. 49/2012). <i>Angewandte Chemie</i> , 2012 , 124, 12543-12543 | 3.6 | |
| 10 | Discovery of Small-Molecule Inhibitors of the TLR1/TLR2 Complex. <i>Angewandte Chemie</i> , 2012 , 124, 12413-12415 | 3.1 | 15 |
| 9 | Discovery of small-molecule inhibitors of the TLR1/TLR2 complex. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12246-9 | 16.4 | 95 |

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| 8 | Morphine activates neuroinflammation in a manner parallel to endotoxin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 6325-30 | 11.5 | 311 |
| 7 | Development of amino alcohol derivatives that inhibit Toll-like receptor 4 mediated inflammatory response as potential antiseptics. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 4659-69 | 8.3 | 28 |
| 6 | Small-molecule inhibitors of the TLR3/dsRNA complex. <i>Journal of the American Chemical Society</i> , 2011 , 133, 3764-7 | 16.4 | 84 |
| 5 | Synthesis, structure and structure-activity relationship analysis of caffeic acid amides as potential antimicrobials. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 2638-43 | 6.8 | 83 |
| 4 | Synthesis, molecular modeling and biological evaluation of PSB as targeted antibiotics. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 2447-55 | 3.4 | 10 |
| 3 | Synthesis of some N-alkyl substituted urea derivatives as antibacterial and antifungal agents. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 3207-12 | 6.8 | 29 |
| 2 | Design and synthesis of potent inhibitors of beta-ketoacyl-acyl carrier protein synthase III (FabH) as potential antibacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 4358-64 | 6.8 | 33 |
| 1 | Synthesis, antibacterial activities and molecular docking studies of peptide and Schiff bases as targeted antibiotics. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7861-71 | 3.4 | 74 |