

Kui 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.

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	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
42	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
41	Discovery of small-molecule inhibitors of the TLR1/TLR2 complex. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12246-9	16.4	95
40	Small-molecule inhibitors of the TLR3/dsRNA complex. <i>Journal of the American Chemical Society</i> , 2011 , 133, 3764-7	16.4	84
39	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
38	The Role of Toll-Like Receptor in Inflammation and Tumor Immunity. <i>Frontiers in Pharmacology</i> , 2018 , 9, 878	5.6	74
37	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
36	TLR4-dependent fibroblast activation drives persistent organ fibrosis in skin and lung. <i>JCI Insight</i> , 2018 , 3,	9.9	48
35	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
34	Specific activation of the TLR1-TLR2 heterodimer by small-molecule agonists. <i>Science Advances</i> , 2015 , 1,	14.3	44
33	Targeting protein-protein interfaces using macrocyclic peptides. <i>Biopolymers</i> , 2015 , 104, 310-6	2.2	43
32	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
31	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
30	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
29	Recent Research on Flavonoids and their Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2021 , 28, 1042-1066	4.3	29
28	Development of β 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
27	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

26	Potential treatment methods targeting 2019-nCoV infection. <i>European Journal of Medicinal Chemistry</i> , 2020 , 205, 112687	6.8	20
25	Pyrimidine Triazole Thioether Derivatives as Toll-Like Receptor 5 (TLR5)/Flagellin Complex Inhibitors. <i>ChemMedChem</i> , 2016 , 11, 822-6	3.7	19
24	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
23	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
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	Rationally Designed Macrocyclic Peptides as Synergistic Agonists of LPS-Induced Inflammatory Response. <i>Tetrahedron</i> , 2014 , 70, 7664-7668	2.4	13
20	Discovery of Small-Molecule Inhibitors of the TLR1/TLR2 Complex. <i>Angewandte Chemie</i> , 2012 , 124, 12413-12415	3.1	13
19	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
18	Synthesis, molecular modeling and biological evaluation of PSB as targeted antibiotics. <i>Bioorganic and Medicinal Chemistry</i> , 2010 , 18, 2447-55	3.4	10
17	Autophagy induced by STING, an unnoticed and primordial function of cGAS. <i>Cellular and Molecular Immunology</i> , 2019 , 16, 683-684	15.4	9
16	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
15	Immunotherapy for treating methamphetamine, heroin and cocaine use disorders. <i>Drug Discovery Today</i> , 2020 , 25, 610-619	8.8	8
14	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
13	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
12	Advances of biological-camouflaged nanoparticles delivery system. <i>Nano Research</i> , 2020 , 13, 2617-2624	10	5
11	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
10	Design and pharmaceutical applications of proteolysis-targeting chimeric molecules. <i>Biochemical Pharmacology</i> , 2020 , 182, 114211	6	5
9	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

8	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
7	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
6	Development of Antibacterial Drugs by Targeting Toll-Like Receptors. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 270-277	3	2
5	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
4	Ter-cell, A New Target for Hepatocellular Carcinoma Therapy. <i>ChemBioChem</i> , 2018 , 19, 2254-2256	3.8	1
3	Discovery of isoliquiritigenin analogues that reverse acute hepatitis by inhibiting macrophage polarization. <i>Bioorganic Chemistry</i> , 2021 , 114, 105043	5.1	1
2	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
1	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	