

Gang Liu

List of Publications by Year in descending order

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papers

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citations

236612

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3691
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#	ARTICLE	IF	CITATIONS
1	Lysine $\hat{2}$ -Hydroxybutyrylation Improves Stability of COVID-19 Antibody. <i>Biomacromolecules</i> , 2022, 23, 454-463.	2.6	10
2	Genetic Diversity of Hard Ticks (Acari: Ixodidae) in the South and East Regions of Kazakhstan and Northwestern China. <i>Korean Journal of Parasitology</i> , 2021, 59, 103-108.	0.5	4
3	In Vitro Ubiquitination Platform Identifies Methyl Ellipticiniums as Ubiquitin Ligase Inhibitors. <i>SLAS Discovery</i> , 2021, 26, 870-884.	1.4	5
4	Rickettsiae in red fox (<i>Vulpes vulpes</i>), marbled polecat (<i>Vormela peregusna</i>) and their ticks in northwestern China. <i>Parasites and Vectors</i> , 2021, 14, 204.	1.0	15
5	Divergent Regulation of Alveolar Type 2 Cell and Fibroblast Apoptosis by Plasminogen Activator Inhibitor 1 in Lung Fibrosis. <i>American Journal of Pathology</i> , 2021, 191, 1227-1239.	1.9	13
6	Theileria, Hepatozoon and Taenia infection in great gerbils (<i>Rhombomys opimus</i>) in northwestern China. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2021, 15, 79-86.	0.6	12
7	Taenia laticollis and a potentially novel Taenia species from the Eurasian lynx (<i>Lynx</i>) in Northwestern China. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2021, 16, 183-186.	0.6	2
8	Morphological and molecular analyses of Taenia and Mesocestoides species from red foxes (<i>Vulpes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 16, 270-274.	0.6	1
9	Detecting <i>Mycobacterium Tuberculosis</i> using a nitrofuranyl calanolide-trehalose probe based on nitroreductase Rv2466c. <i>Chemical Communications</i> , 2021, 57, 13174-13177.	2.2	7
10	Nonpeptidic quinazolinone derivatives as dual nucleotide-binding oligomerization domain-like receptor 1/2 antagonists for adjuvant cancer chemotherapy. <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112723.	2.6	4
11	Copper-Catalyzed Direct C(sp ³)-H Alkoxylation to Access Quaternary $\hat{\pm}$ -Alkoxyated Amino Acid Derivatives. <i>Organic Letters</i> , 2020, 22, 5796-5800.	2.4	10
12	Identification of benzofused five-membered sultams, potent dual NOD1/NOD2 antagonists in vitro and in vivo. <i>European Journal of Medicinal Chemistry</i> , 2020, 204, 112575.	2.6	7
13	Discovery of (1 <i>H</i> -Pyrazolo[3,4- <i>c</i>]pyridin-5-yl)sulfonamide Analogues as Hepatitis B Virus Capsid Assembly Modulators by Conformation Constraint. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6066-6089.	2.9	19
14	Cell senescence and fibrotic lung diseases. <i>Experimental Gerontology</i> , 2020, 132, 110836.	1.2	71
15	Rickettsiae in the common pipistrelle <i>Pipistrellus pipistrellus</i> (Chiroptera: Vespertilionidae) and the bat soft tick <i>Argas vespertilionis</i> (Ixodida: Argasidae). <i>Parasites and Vectors</i> , 2020, 13, 10.	1.0	21
16	Ruthenium-Catalyzed Selectively Oxidative C-H Alkenylation of <i>N</i> -Acylated Aryl Sulfonamides by Using Molecular Oxygen as an Oxidant. <i>Journal of Organic Chemistry</i> , 2020, 85, 5916-5926.	1.7	19
17	Discovery of Potent Inhibitors against P-Glycoprotein-Mediated Multidrug Resistance Aided by Late-Stage Functionalization of a 2-(4-(Pyridin-2-yl)phenoxy)pyridine Analogue. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5458-5476.	2.9	27
18	Depth-Resolved Enhanced Spectral-Domain OCT Imaging of Live Mammalian Embryos Using Gold Nanoparticles as Contrast Agent. <i>Small</i> , 2019, 15, e1902346.	5.2	16

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19	Scalable total synthesis of a mycobactin T analogue utilizing a novel synthetic and protection strategy. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2467-2470.	2.3	2
20	Derivatives of Natural Product Agrimophol as Disruptors of Intrabacterial pH Homeostasis in <i>Mycobacterium tuberculosis</i> . <i>ACS Infectious Diseases</i> , 2019, 5, 1087-1104.	1.8	10
21	Assessment of a Highly Multiplexed RNA Sequencing Platform and Comparison to Existing High-Throughput Gene Expression Profiling Techniques. <i>Frontiers in Genetics</i> , 2019, 10, 150.	1.1	4
22	Nitrooxidoreductase Rv2466c-Dependent Fluorescent Probe for <i>Mycobacterium tuberculosis</i> Diagnosis and Drug Susceptibility Testing. <i>ACS Infectious Diseases</i> , 2019, 5, 949-961.	1.8	9
23	Discovery of New Hepatitis B Virus Capsid Assembly Modulators by an Optimal High-Throughput Cell-Based Assay. <i>ACS Infectious Diseases</i> , 2019, 5, 778-787.	1.8	15
24	Cp*Co ^{III} -catalyzed formal [4+2] cycloaddition of benzamides to afford quinazolinone derivatives. <i>Chemical Communications</i> , 2019, 55, 13840-13843.	2.2	30
25	Identification of a Mycothiol-Dependent Nitroreductase from <i>Mycobacterium tuberculosis</i> . <i>ACS Infectious Diseases</i> , 2018, 4, 771-787.	1.8	19
26	Salutaxel, a Conjugate of Docetaxel and a Muramyl Dipeptide (MDP) Analogue, Acts as Multifunctional Prodrug That Inhibits Tumor Growth and Metastasis. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1519-1540.	2.9	13
27	Palladium-Catalyzed Regioselective C-H Functionalization of Arenes Substituted by Two N-Heterocycles and Application in Late-Stage Functionalization. <i>Journal of Organic Chemistry</i> , 2018, 83, 3987-4001.	1.7	23
28	Rare Copy Number Variants Identify Novel Genes in Sporadic Total Anomalous Pulmonary Vein Connection. <i>Frontiers in Genetics</i> , 2018, 9, 559.	1.1	23
29	Synthesis of Quaternary β -Fluorinated β -Amino Acid Derivatives via Coordinating Cu(II) Catalytic β -C(sp ³) ⁺ H Direct Fluorination. <i>Organic Letters</i> , 2018, 20, 7100-7103.	2.4	21
30	Antagonizing NOD2 Signaling with Conjugates of Paclitaxel and Muramyl Dipeptide Derivatives Sensitizes Paclitaxel Therapy and Significantly Prevents Tumor Metastasis. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1219-1224.	2.9	28
31	Auxiliary-Assisted Palladium-Catalyzed Direct C(sp ³) ⁺ H Sulfonamidation To Afford 1,2-Amino Alcohol Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 3864-3872.	1.7	25
32	A Natural Lipotrisaccharide and Its Derivatives Selectively Lyse <i>Streptococcus pneumoniae</i> via Interaction with Cell Membrane. <i>ACS Infectious Diseases</i> , 2017, 3, 438-453.	1.8	4
33	Discovery of 1,4-Benzodiazepine-2,5-dione (BZD) Derivatives as Dual Nucleotide Binding Oligomerization Domain Containing 1/2 (NOD1/NOD2) Antagonists Sensitizing Paclitaxel (PTX) To Suppress Lewis Lung Carcinoma (LLC) Growth in Vivo. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 5162-5192.	2.9	18
34	Past, Current, and Future Developments of Therapeutic Agents for Treatment of Chronic Hepatitis B Virus Infection. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6461-6479.	2.9	72
35	Serpine 1 induces alveolar type II cell senescence through activating p53 \rightarrow p21 ^{Rb} pathway in fibrotic lung disease. <i>Aging Cell</i> , 2017, 16, 1114-1124.	3.0	146
36	Ferredoxin reductase is critical for p53-dependent tumor suppression via iron regulatory protein 2. <i>Genes and Development</i> , 2017, 31, 1243-1256.	2.7	97

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37	Sinomenine attenuates chronic inflammatory pain in mice. <i>Metabolic Brain Disease</i> , 2017, 32, 211-219.	1.4	32
38	Biological and Mechanistic Characterization of Novel Prodrugs of Green Tea Polyphenol Epigallocatechin Gallate Analogs in Human Leiomyoma Cell Lines. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2357-2369.	1.2	27
39	Immunodominant SARS Coronavirus Epitopes in Humans Elicited both Enhancing and Neutralizing Effects on Infection in Non-human Primates. <i>ACS Infectious Diseases</i> , 2016, 2, 361-376.	1.8	265
40	Discovery and Characterization of a Biologically Active Non-ATP-Competitive p38 MAP Kinase Inhibitor. <i>Journal of Biomolecular Screening</i> , 2016, 21, 277-289.	2.6	6
41	Effects of skeletal muscle denervation on the potency of succinylcholine. <i>Molecular Medicine Reports</i> , 2015, 12, 7796-7800.	1.1	1
42	Identification of Rv3852 as an Agrimophol-Binding Protein in <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2015, 10, e0126211.	1.1	13
43	Identification of 3,5,6-substituted indolin-2-one™s inhibitors of Aurora B by development of a luminescent kinase assay. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2937-2942.	1.0	7
44	Copper-catalyzed ligand-free amidation of aryl iodides and amino acid amides to synthesize C3-(Z)-1H-benzo[e][1,4]diazepin-2(3H)-ones. <i>Molecular Diversity</i> , 2015, 19, 695-701.	2.1	7
45	Modified calanolides incorporated with furan-2-nitro mimics against <i>Mycobacterium tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1297-1300.	1.0	13
46	Monocyte Chemotactic Protein-induced Protein 1 and 4 Form a Complex but Act Independently in Regulation of Interleukin-6 mRNA Degradation. <i>Journal of Biological Chemistry</i> , 2015, 290, 20782-20792.	1.6	25
47	Osteoprotective effects of estrogen membrane receptor GPR30 in ovariectomized rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 154, 237-244.	1.2	17
48	Synthesis of Benzofused Five-Ring Sultams via Rh-Catalyzed C-H Olefination Directed by an <i>N</i> -Ac-Substituted Sulfonamide Group. <i>Journal of Organic Chemistry</i> , 2015, 80, 790-798.	1.7	37
49	Benzothiazoles exhibit broad-spectrum antitumor activity: Their potency, structure-activity and structure-metabolism relationships. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 67-78.	2.6	36
50	Benzimidazole-based compounds kill <i>Mycobacterium tuberculosis</i> . <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 336-353.	2.6	43
51	Synthetic Calanolides with Bactericidal Activity against Replicating and Nonreplicating <i>Mycobacterium tuberculosis</i> . <i>Journal of Medicinal Chemistry</i> , 2014, 57, 3755-3772.	2.9	69
52	High sodium augments angiotensin II-induced vascular smooth muscle cell proliferation through the ERK 1/2-dependent pathway. <i>Hypertension Research</i> , 2014, 37, 13-18.	1.5	28
53	IMM-H004, a novel coumarin derivative, protects against oxygen- and glucose-deprivation/restoration-induced apoptosis in PC12 cells. <i>European Journal of Pharmacology</i> , 2014, 723, 259-266.	1.7	27
54	Abnormal P-wave terminal force in lead V1 is associated with cardiac death or hospitalization for heart failure in prior myocardial infarction. <i>Heart and Vessels</i> , 2013, 28, 690-695.	0.5	40

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55	Whole Cell Screen for Inhibitors of pH Homeostasis in Mycobacterium tuberculosis. PLoS ONE, 2013, 8, e68942.	1.1	60
56	Effects of Fiber Type and Size on the Heterogeneity of Oxygen Distribution in Exercising Skeletal Muscle. PLoS ONE, 2012, 7, e44375.	1.1	37
57	Conjugate (MTC-220) of Muramyl Dipeptide Analogue and Paclitaxel Prevents Both Tumor Growth and Metastasis in Mice. Journal of Medicinal Chemistry, 2011, 54, 2767-2777.	2.9	32
58	Prorenin induces vascular smooth muscle cell proliferation and hypertrophy via epidermal growth factor receptor-mediated extracellular signal-regulated kinase and Akt activation pathway. Journal of Hypertension, 2011, 29, 696-705.	0.3	43
59	Mechanical stretch augments insulin-induced vascular smooth muscle cell proliferation by insulin-like growth factor-1 receptor. Experimental Cell Research, 2011, 317, 2420-2428.	1.2	33
60	Solution-phase synthesis of a muramyl dipeptide analogue MDA. Chinese Chemical Letters, 2011, 22, 1443-1446.	4.8	1
61	Module-based multiscale simulation of angiogenesis in skeletal muscle. Theoretical Biology and Medical Modelling, 2011, 8, 6.	2.1	60
62	New muramyl dipeptide (MDP) mimics without the carbohydrate moiety as potential adjuvant candidates for a therapeutic hepatitis B vaccine (HBV). Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4292-4295.	1.0	13
63	Mechanical stretch potentiates angiotensin II-induced proliferation in spontaneously hypertensive rat vascular smooth muscle cells. Hypertension Research, 2010, 33, 1250-1257.	1.5	20
64	Fibroblast Growth Factor 2 Promotes Endothelial Differentiation of Adipose Tissue-Derived Stem Cells. Journal of Sexual Medicine, 2009, 6, 967-979.	0.3	108
65	Chemical conjugation of muramyl dipeptide and paclitaxel to explore the combination of immunotherapy and chemotherapy for cancer. Glycoconjugate Journal, 2008, 25, 415-425.	1.4	23
66	Therapeutic Effects of an Oral Chelator Targeting Skeletal Tissue Damage in Experimental Postmenopausal Osteoporosis in Rats. Hemoglobin, 2008, 32, 181-190.	0.4	21
67	Solution-Phase Parallel Synthesis of 2,3-Dihydro-1,5-benzothiazepin-4(5 <i>H</i>)-ones. ACS Combinatorial Science, 2007, 9, 756-772.	3.3	18
68	Solution-Phase Parallel Synthesis of Diverse 1,5-Benzodiazepin-2-ones. ACS Combinatorial Science, 2007, 9, 1164-1176.	3.3	25
69	Age-associated Iron Accumulation in Bone: Implications for Postmenopausal Osteoporosis and a New Target for Prevention and Treatment by Chelation. BioMetals, 2006, 19, 245-251.	1.8	42
70	A Novel Immunostimulator, N2-[1±-O-Benzyl-N-(acetylmuramyl)-l-alanyl-d-isoglutaminy]-N6-trans-(m-nitrocinnamoyl)-l-lysine, and Its Adjuvancy on the Hepatitis B Surface Antigen. Journal of Medicinal Chemistry, 2005, 48, 5112-5122.	2.9	20
71	Meshed-Bag Gathered-Bunch Method for Solid-Phase Synthesis of Small Molecular Diverse Compounds. ACS Combinatorial Science, 2002, 4, 131-137.	3.3	8
72	Solid-phase synthesis of muramyl dipeptide (mdp) derivatives using a multipin method. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1361-1363.	1.0	18

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73	Kinetics and mechanisms of Fe(III) complexation by lipophilic 3-hydroxy-2-methyl-1(β -stearoamidopropyl)-4-pyridinone (HMSP). <i>Journal of Biological Inorganic Chemistry</i> , 1997, 2, 728-743.	1.1	5
74	Synthesis of 2-Alkyl-3-hydroxy-4-pyridinone-ribonucleosides, Potential Oral Iron Chelators. <i>Nucleosides & Nucleotides</i> , 1995, 14, 1901-1904.	0.5	10