

# Guo-Yun Liu

## List of Publications by Year in descending order

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72  
papers

1,280  
citations

430754

18  
h-index

434063

31  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1738  
citing authors

#	ARTICLE	IF	CITATIONS
1	Betulin Targets Lipin1/2-Mediated P2X7 Receptor as a Therapeutic Approach to Attenuate Lipid Accumulation and Metaflammation. <i>Biomolecules and Therapeutics</i> , 2022, 30, 246-256.	1.1	5
2	Hippocampal MSK1 regulates the behavioral and biological responses of mice to chronic social defeat stress: Involving of the BDNF-CREB signaling and neurogenesis. <i>Biochemical Pharmacology</i> , 2022, 195, 114836.	2.0	11
3	Virus-mediated decrease of LKB1 activity in the mPFC diminishes stress-induced depressive-like behaviors in mice. <i>Biochemical Pharmacology</i> , 2022, 197, 114885.	2.0	5
4	Design, Synthesis, and Anticancer Activity of Cinnamoylated Barbituric Acid Derivatives. <i>Chemistry and Biodiversity</i> , 2022, 19, .	1.0	2
5	Discovery and reduction of tryptophan oxidation-induced IgG1 fragmentation in a polysorbate 80-dependent manner. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 173, 45-53.	2.0	2
6	Gandhi Capsule Improved Podocyte Lipid Metabolism of Diabetic Nephropathy Mice through SIRT1/AMPK/HNF4A Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	1.9	3
7	Hepatoprotective Effects of Albumin-Encapsulated Nanoparticles of a Curcumin Derivative COP-22 against Lipopolysaccharide/D-Galactosamine-Induced Acute Liver Injury in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4903.	1.8	7
8	Targeting Necroptosis as a Promising Therapy for Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1697-1713.	1.7	13
9	Antidepressant-like effects of 1-methylnicotinamide in a chronic unpredictable mild stress model of depression. <i>Neuroscience Letters</i> , 2021, 742, 135535.	1.0	9
10	Antidepressant-like activity of L-701324 in mice: A behavioral and neurobiological characterization. <i>Behavioural Brain Research</i> , 2021, 399, 113038.	1.2	4
11	Surface plasmon resonance biosensor combined with lentiviral particle stabilization strategy for rapid and specific screening of P-Glycoprotein ligands. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2021-2031.	1.9	6
12	Organocatalytic Enantioselective Synthesis of Tetrahydrofuran Spirooxindoles via [3+2] Annulations of 3-Hydroxyoxindoles and Cyclic Ketolactams. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2177-2182.	2.1	9
13	Optimization of pretreatment methods for cerebrospinal fluid metabolomics based on ultrahigh performance liquid chromatography/mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 197, 113938.	1.4	7
14	Metal-Free Direct C-H Functionalization of Quinoxalin-2(1H)-Ones to Produce 3-Vinylated Quinoxalin-2(1H)-Ones in the Presence of Alkenes. <i>Frontiers in Chemistry</i> , 2021, 9, 672051.	1.8	4
15	Piperlongumine Analogs Promote A549 Cell Apoptosis through Enhancing ROS Generation. <i>Molecules</i> , 2021, 26, 3243.	1.7	7
16	Anti-inflammatory activity of ortho-trifluoromethoxy-substituted 4-piperidone-containing mono-carbonyl curcumin derivatives in vitro and in vivo. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 160, 105756.	1.9	17
17	Comparative Studies on Volatile Oil Components Derived from Integrated Processing Technology of Origin and Traditional Cutting Processing Technology of Moslae Herba and Their Effects on Rats With Lung-Yin Deficiency. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-14.	0.5	1
18	Hippocampal PPAR $\alpha$ Plays a Role in the Pharmacological Mechanism of Vortioxetine, a Multimodal-Acting Antidepressant. <i>Frontiers in Pharmacology</i> , 2021, 12, 673221.	1.6	5

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19	Lewis Acid/Bronsted Base-Assisted Palladium Catalysis: Stereoselective Construction of Skeletally Diverse Spiro-Ketolactams from Vinyl ethylene Carbonates. <i>ACS Catalysis</i> , 2021, 11, 10148-10158.	5.5	26
20	Cinnamic acid/ $\beta^2$ -ionone hybrids: synthesis and in vitro anticancer activity evaluation. <i>Monatshefte für Chemie</i> , 2021, 152, 863-870.	0.9	4
21	Integrated metabolomics and network pharmacology approach to exploring the potential mechanism of tianxiang capsule for treating motion sickness. <i>Journal of Ethnopharmacology</i> , 2021, 275, 114107.	2.0	9
22	Development and application of novel electrophilic warheads in target identification and drug discovery. <i>Biochemical Pharmacology</i> , 2021, 190, 114636.	2.0	16
23	Construction of Indole-Fused Heterocycles Starting from $\alpha$ -Thioxindolines, Iminoindolines, and Their Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4497-4515.	2.1	16
24	Lonicerin targets EZH2 to alleviate ulcerative colitis by autophagy-mediated NLRP3 inflammasome inactivation. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2880-2899.	5.7	71
25	Two New Diterpenoids from <i>Biscogniauxia</i> sp. and Their Activities. <i>Frontiers in Chemistry</i> , 2021, 9, 749272.	1.8	3
26	Synthesis and evaluation of FAK inhibitors with a 5-fluoro-7H-pyrrolo[2,3-d]pyrimidine scaffold as anti-hepatocellular carcinoma agents. <i>European Journal of Medicinal Chemistry</i> , 2021, 223, 113670.	2.6	8
27	<i>Allium victorialis</i> L. Extracts Promote Activity of FXR to Ameliorate Alcoholic Liver Disease: Targeting Liver Lipid Deposition and Inflammation. <i>Frontiers in Pharmacology</i> , 2021, 12, 738689.	1.6	13
28	Hippocampal miR-206-3p participates in the pathogenesis of depression via regulating the expression of BDNF. <i>Pharmacological Research</i> , 2021, 174, 105932.	3.1	25
29	Meta-substituted piperlongumine derivatives attenuate inflammation in both RAW264.7 macrophages and a mouse model of colitis. <i>Bioorganic Chemistry</i> , 2021, 117, 105465.	2.0	3
30	Synthesis and biological evaluation of $\beta^2$ -ionone oriented proapoptosis agents by enhancing the ROS generation. <i>Bioorganic Chemistry</i> , 2020, 104, 104273.	2.0	11
31	Synthesis and evaluation of the anticancer activity of bischalcone analogs in human lung carcinoma (A549) cell line. <i>European Journal of Pharmacology</i> , 2020, 888, 173396.	1.7	13
32	A Novel Amphibian Antimicrobial Peptide, Phylloseptin-PV1, Exhibits Effective Anti-staphylococcal Activity Without Inducing Either Hepatic or Renal Toxicity in Mice. <i>Frontiers in Microbiology</i> , 2020, 11, 565158.	1.5	10
33	The potential role of the 5,6-dihydropyridin-2(1H)-one unit of piperlongumine on the anticancer activity. <i>RSC Advances</i> , 2020, 10, 42128-42136.	1.7	6
34	Enhanced Antimicrobial Activity of N-Terminal Derivatives of a Novel Brevinin-1 Peptide from The Skin Secretion of <i>Odorrana schmackeri</i> . <i>Toxins</i> , 2020, 12, 484.	1.5	17
35	Covalent Design of Cell Membrane Stationary Phase with Enhanced Stability for Fast Screening P-Glycoprotein Inhibitors. <i>ACS Applied Bio Materials</i> , 2020, 3, 5000-5006.	2.3	9
36	Development of 3-mercaptopropyltrimethoxysilane (MPTS)-modified bone marrow mononuclear cell membrane chromatography for screening anti-osteoporosis components from <i>Scutellariae Radix</i> . <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1856-1865.	5.7	27

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37	Surface Plasmon Resonance-Based Membrane Protein-Targeted Active Ingredients Recognition Strategy: Construction and Implementation in Ligand Screening from Herbal Medicines. <i>Analytical Chemistry</i> , 2020, 92, 3972-3980.	3.2	17
38	Nuclear magnetic resonance-based plasma metabolomics revealed the protective effect of tea polyphenols on sulfur mustard-induced injury in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113278.	1.4	6
39	The Selective SIK2 Inhibitor ARN-3236 Produces Strong Antidepressant-Like Efficacy in Mice via the Hippocampal CRT1-CREB-BDNF Pathway. <i>Frontiers in Pharmacology</i> , 2020, 11, 624429.	1.6	14
40	Design of N-Terminal Derivatives from a Novel Dermaseptin Exhibiting Broad-Spectrum Antimicrobial Activity against Isolates from Cystic Fibrosis Patients. <i>Biomolecules</i> , 2019, 9, 646.	1.8	12
41	Metabolomic study of the protective effect of Gandi capsule for diabetic nephropathy. <i>Chemico-Biological Interactions</i> , 2019, 314, 108815.	1.7	28
42	Pharmacokinetics and tissue distribution of Ebracteolatin A, a potential anti-cancer compound, as determined by an optimized ultra-performance liquid chromatography tandem mass spectrometry method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 169, 279-287.	1.4	9
43	Identification of eupatilin and ginkgolide B as p38 ligands from medicinal herbs by surface plasmon resonance biosensor-based active ingredients recognition system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 171, 35-42.	1.4	7
44	3,5-Bis(2-Trifluoromethoxybenzylidene)-4-Piperidone Induces Apoptosis in A549 Cells Through Reactive Oxygen Species-Mediated Pathways. <i>Pharmaceutical Chemistry Journal</i> , 2019, 53, 593-597.	0.3	1
45	UHPLC-QTOF/MS-based metabolomics investigation for the protective mechanism of Danshen in Alzheimer's disease cell model induced by A $\beta$ 1-42. <i>Metabolomics</i> , 2019, 15, 13.	1.4	21
46	A distinct glycerophospholipid metabolism signature of acute graft versus host disease with predictive value. <i>JCI Insight</i> , 2019, 4, .	2.3	14
47	Effects of glaucocalyxin A on human liver cancer cells as revealed by GC/MS- and LC/MS-based metabolic profiling. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3325-3335.	1.9	25
48	3,5-Bis(2-fluorobenzylidene)-4-piperidone induce reactive oxygen species-mediated apoptosis in A549 cells. <i>Medicinal Chemistry Research</i> , 2018, 27, 128-136.	1.1	14
49	Biosensor-Based Active Ingredients Recognition System for Screening STAT3 Ligands from Medical Herbs. <i>Analytical Chemistry</i> , 2018, 90, 8936-8945.	3.2	29
50	Rapid and Selective Determination of Folate Receptor $\hat{1}$ with Sensitive Resonance Rayleigh Scattering Signal. <i>International Journal of Analytical Chemistry</i> , 2017, 2017, 1-6.	0.4	2
51	Development of APTES-Decorated HepG2 Cancer Stem Cell Membrane Chromatography for Screening Active Components from <i>Salvia miltiorrhiza</i> . <i>Analytical Chemistry</i> , 2016, 88, 12081-12089.	3.2	56
52	Synthesis of chiral fluorescence silver nano-clusters and study on the aggregation-induced emission enhancement and chiral flip. <i>RSC Advances</i> , 2016, 6, 105288-105295.	1.7	6
53	2,2-Difluoro-fluorine mono-carbonyl curcumin induce reactive oxygen species-Mediated apoptosis in Human lung cancer NCI-H460 cells. <i>European Journal of Pharmacology</i> , 2016, 786, 161-168.	1.7	24
54	3,3-Dihydroxy-curcumin causes apoptosis in HepG2 cells through ROS-mediated pathway. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 157-163.	2.6	41

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55	Activity ranking of synthetic analogs targeting vascular endothelial growth factor receptor 2 by an integrated cell membrane chromatography system. <i>Journal of Separation Science</i> , 2015, 38, 4159-4165.	1.3	10
56	A UPLC-MS/MS method for simultaneous determination of danshensu, protocatechuic aldehyde, rosmarinic acid, and ligustrazine in rat plasma, and its application to pharmacokinetic studies of Shenxiong glucose injection in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 997, 210-217.	1.2	25
57	Insights into the importance for designing curcumin-inspired anticancer agents by a prooxidant strategy: The case of diarylpentanoids. <i>Free Radical Biology and Medicine</i> , 2015, 85, 127-137.	1.3	70
58	Visual detection of 8-OHdG based on the aggregation of gold nanoparticles capped with the anti-8-OHdG antibody. <i>Analytical Methods</i> , 2015, 7, 8360-8365.	1.3	1
59	NMR and LC/MS-based global metabolomics to identify serum biomarkers differentiating hepatocellular carcinoma from liver cirrhosis. <i>International Journal of Cancer</i> , 2014, 135, 658-668.	2.3	108
60	Evaluation of the impact of <i>Polygonum capitatum</i> , a traditional Chinese herbal medicine, on rat hepatic cytochrome P450 enzymes by using a cocktail of probe drugs. <i>Journal of Ethnopharmacology</i> , 2014, 158, 276-282.	2.0	23
61	Complex II of the Mitochondrial Respiratory Chain Is the Key Mediator of Divalent Manganese-Induced Hydrogen Peroxide Production in Microglia. <i>Toxicological Sciences</i> , 2013, 132, 298-306.	1.4	48
62	Simultaneous determination of human plasma protein binding of bioactive flavonoids in <i>Polygonum orientale</i> by equilibrium dialysis combined with UPLC-MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2013, 3, 376-381.	2.4	15
63	Metabonomic studies on potential plasma biomarkers in rats exposed to ionizing radiation and the protective effects of Hong Shan Capsule. <i>Metabolomics</i> , 2013, 9, 1082-1095.	1.4	12
64	Studies on pharmacokinetics and tissue distribution of bifendate nanosuspensions for intravenous delivery. <i>Journal of Microencapsulation</i> , 2012, 29, 194-203.	1.2	14
65	A mini review of nanosuspensions development. <i>Journal of Drug Targeting</i> , 2012, 20, 209-223.	2.1	38
66	Cu <sup>II</sup> Ions and the Stilbene-Chroman Hybrid with a Catechol Moiety Synergistically Induced DNA Damage, and Cell Cycle Arrest and Apoptosis of HepG2 Cells: An Interesting Acid/Base-Promoted Prooxidant Reaction. <i>Chemistry - A European Journal</i> , 2012, 18, 11100-11106.	1.7	14
67	Development and <i>In Vitro</i> Characterizations of Bifendate Nanosuspensions. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 621-631.	0.5	12
68	Hybrid-Increased Radical-Scavenging Activity of Resveratrol Derivatives by Incorporating a Chroman Moiety of Vitamin E. <i>Chemistry - A European Journal</i> , 2010, 16, 12808-12813.	1.7	36
69	Inhibition of Inflammation, Expression of Pro-inflammatory Cytokines, Formation of Leukotriene B <sub>4</sub> and Tumor Promotion in Mouse Skin by <i>Boswellia serrata</i> Extracts. <i>ACS Symposium Series</i> , 2008, , 304-314.	0.5	1
70	Antiinflammatory and Anticancer Activities of Garcinol. <i>ACS Symposium Series</i> , 2008, , 293-303.	0.5	4
71	Protective Effect of Dibenzoylmethane on Chemically- and UV Light-Induced Skin, Inflammation, Sunburn Lesions, and Skin Carcinogenesis in Mice. <i>ACS Symposium Series</i> , 2003, , 196-207.	0.5	0
72	Anti-tumor and anti-carcinogenic activities of triterpenoid, Î²-boswellic acid. <i>BioFactors</i> , 2000, 13, 225-230.	2.6	118