Zongliang Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/26541/publications.pdf

Version: 2024-02-01

123 papers 3,015 citations

172457 29 h-index 233421 45 g-index

127 all docs

127 docs citations

times ranked

127

4266 citing authors

#	Article	IF	CITATIONS
1	Integrated lipidomic and transcriptomic analysis reveals clarithromycin-induced alteration of glycerophospholipid metabolism in the cerebral cortex of mice. Cell Biology and Toxicology, 2023, 39, 771-793.	5.3	2
2	Neonatal exposure to sevoflurane induces adolescent neurobehavioral dysfunction by interfering with hippocampal glycerophoslipid metabolism in rats. Cerebral Cortex, 2023, 33, 1955-1971.	2.9	2
3	Advances in Anti-inflammatory Activity, Mechanism and Therapeutic Application of Ursolic Acid. Mini-Reviews in Medicinal Chemistry, 2022, 22, 422-436.	2.4	22
4	Synthesis, biological, and structural explorations of a series of $\hat{l}/4$ -opioid receptor (MOR) agonists with high G protein signaling bias. European Journal of Medicinal Chemistry, 2022, 228, 113986.	5. 5	14
5	The tyrosine kinase inhibitor LPM4870108 impairs learning and memory and induces transcriptomic and gene‑specific DNA methylation changes in rats. Archives of Toxicology, 2022, 96, 845-857.	4.2	1
6	Review: RNA-based diagnostic markers discovery and therapeutic targets development in cancer. , 2022, 234, 108123.		37
7	A small-molecule inhibitor of MDMX suppresses cervical cancer cells via the inhibition of E6-E6AP-p53 axis. Pharmacological Research, 2022, 177, 106128.	7.1	18
8	Electroacupuncture Alters BCI-Based Brain Network in Stroke Patients. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.7	4
9	Design, synthesis, and tumor drug resistance reversal activity of novel hederagenin derivatives modified by nitrogen-containing heterocycles. European Journal of Medicinal Chemistry, 2022, 232, 114207.	5.5	16
10	Epigenetic Mechanism of 5-HT/NE/DA Triple Reuptake Inhibitor on Adult Depression Susceptibility in Early Stress Mice. Frontiers in Pharmacology, 2022, 13, 848251.	3.5	10
11	Interaction of <scp><i>N</i></scp> â€methylformanilide with highâ€performance polyimide fibre and its effect on dyeing. Coloration Technology, 2022, 138, 407-416.	1.5	4
12	Evaluation of bamboo water-retting for fiber bundle extraction. Textile Reseach Journal, 2022, 92, 3289-3298.	2.2	2
13	LPM3770277, a Potent Novel CDK4/6 Degrader, Exerts Antitumor Effect Against Triple-Negative Breast Cancer. Frontiers in Pharmacology, 2022, 13, 853993.	3.5	4
14	Cell membrane-based biomimetic nanosystems for advanced drug delivery in cancer therapy: A comprehensive review. Colloids and Surfaces B: Biointerfaces, 2022, 215, 112503.	5.0	14
15	9-Cyclopropylmethoxy-dihydrotetrabenazine and its stereoisomers as vesicular monoamine transporter-2 inhibitors. Future Medicinal Chemistry, 2022, 14, 991-1003.	2.3	O
16	Total Synthesis of the Proposed Microcyclamides MZ602 and MZ568. Journal of Organic Chemistry, 2021, 86, 1065-1073.	3.2	2
17	STING, a promising target for small molecular immune modulator: A review. European Journal of Medicinal Chemistry, 2021, 211, 113113.	5.5	37
18	Multi-Target Drug Design of Anti-Alzheimer's Disease based on Tacrine. Mini-Reviews in Medicinal Chemistry, 2021, 21, 2039-2064.	2.4	9

#	Article	IF	CITATIONS
19	Nutrient Stimulation of Indigenous Microorganisms for Oil-in-Water Emulsion in a Medium Temperature Petroleum Reservoir with Ca2+-Rich Brine. Geofluids, 2021, 2021, 1-9.	0.7	1
20	Design, synthesis, and biological evaluation of hederagenin derivatives with improved aqueous solubility and tumor resistance reversal activity. European Journal of Medicinal Chemistry, 2021, 211, 113107.	5.5	10
21	Brain Computer Interface for the Hand Function Restoration. , 2021, , .		1
22	Discovery of a novel 53BP1 inhibitor through AlphaScreen-based high-throughput screening. Bioorganic and Medicinal Chemistry, 2021, 34, 116054.	3.0	7
23	Benzothiazole Amides as TRPC3/6 Inhibitors for Gastric Cancer Treatment. ACS Omega, 2021, 6, 9196-9203.	3.5	8
24	Pyxinol bearing amino acid residues: Easily achievable and promising modulators of P-glycoprotein-mediated multidrug resistance. European Journal of Medicinal Chemistry, 2021, 216, 113317.	5.5	11
25	4R Tau Modulates Cocaine-Associated Memory through Adult Dorsal Hippocampal Neurogenesis. Journal of Neuroscience, 2021, 41, 6753-6774.	3.6	6
26	Assessment of the toxicity and toxicokinetics of the novel potent tropomyosin receptor kinase (Trk) inhibitor LPM4870108 in rhesus monkeys. Regulatory Toxicology and Pharmacology, 2021, 122, 104886.	2.7	2
27	Zebularine suppressed gemcitabine-induced senescence and improved the cellular and plasma pharmacokinetics of gemcitabine, augmented by liposomal co-delivery. International Journal of Pharmaceutics, 2021, 602, 120659.	5.2	10
28	Discovery of the Next-Generation Pan-TRK Kinase Inhibitors for the Treatment of Cancer. Journal of Medicinal Chemistry, 2021, 64, 10286-10296.	6.4	19
29	Metabolomics, metabolic flux analysis and cancer pharmacology. , 2021, 224, 107827.		44
30	Pharmacological Characterization of Toludesvenlafaxine as a Triple Reuptake Inhibitor. Frontiers in Pharmacology, 2021, 12, 741794.	3.5	10
31	PCC-0105002, a novel small molecule inhibitor of PSD95-nNOS protein-protein interactions, attenuates neuropathic pain and corrects motor disorder associated with neuropathic pain model. Toxicology and Applied Pharmacology, 2021, 429, 115698.	2.8	4
32	VE-822, a novel DNA Holliday junction stabilizer, inhibits homologous recombination repair and triggers DNA damage response in osteogenic sarcomas. Biochemical Pharmacology, 2021, 193, 114767.	4.4	11
33	Synthesis and analysis of dihydrotetrabenazine derivatives as novel vesicular monoamine transporter 2 inhibitors. European Journal of Medicinal Chemistry, 2021, 224, 113718.	5.5	3
34	Lipidomics Reveals Dysregulated Glycerophospholipid Metabolism in the Corpus Striatum of Mice Treated with Cefepime. ACS Chemical Neuroscience, 2021, 12, 4449-4464.	3.5	3
35	NMNAT promotes glioma growth through regulating post-translational modifications of P53 to inhibit apoptosis. ELife, 2021, 10 , .	6.0	13
36	(+)-9-Trifluoroethoxy-α-Dihydrotetrabenazine as a Highly Potent Vesicular Monoamine Transporter 2 Inhibitor for Tardive Dyskinesia. Frontiers in Pharmacology, 2021, 12, 770377.	3.5	1

3

#	Article	IF	CITATIONS
37	Acute and repeated dose 26-week oral toxicity study of 20(S)-ginsenoside Rg3 in Kunming mice and Sprague–Dawley rats. Journal of Ginseng Research, 2020, 44, 222-228.	5.7	28
38	PCC0208017, a novel small-molecule inhibitor of MARK3/MARK4, suppresses glioma progression inÂvitro and inÂvivo. Acta Pharmaceutica Sinica B, 2020, 10, 289-300.	12.0	39
39	Role of <scp>BRD4</scp> phosphorylation in the nucleus accumbens in relapse to cocaineâ€seeking behavior in mice. Addiction Biology, 2020, 25, e12808.	2.6	17
40	ATF3 promotes erastin-induced ferroptosis by suppressing system Xc–. Cell Death and Differentiation, 2020, 27, 662-675.	11.2	364
41	Repeated-dose 26-week oral toxicity study of ginsenoside compound K in Beagle dogs. Journal of Ethnopharmacology, 2020, 248, 112323.	4.1	9
42	A 26-week 20(S)-ginsenoside Rg3 oral toxicity study in Beagle dogs. Regulatory Toxicology and Pharmacology, 2020, 110, 104522.	2.7	12
43	Ganciclovir reduces irinotecan-induced intestinal toxicity by inhibiting NLRP3 activation. Cancer Chemotherapy and Pharmacology, 2020, 85, 195-204.	2.3	10
44	Competitive ubiquitination activates the tumor suppressor p53. Cell Death and Differentiation, 2020, 27, 1807-1818.	11.2	27
45	NG2-glia cell proliferation and differentiation by glial growth factor 2 (GGF2), a strategy to promote functional recovery after ischemic stroke. Biochemical Pharmacology, 2020, 171, 113720.	4.4	17
46	A 26-week toxicological study of Xuezhikang (XZK), red yeast rice extract, in Beagle dogs with a 4-week recovery period. Regulatory Toxicology and Pharmacology, 2020, 117, 104781.	2.7	0
47	TRPC channels: Structure, function, regulation and recent advances in small molecular probes. , 2020, 209, 107497.		126
48	Endocannabinoid signaling regulates the reinforcing and psychostimulant effects of ketamine in mice. Nature Communications, 2020, 11, 5962.	12.8	15
49	Role of mu-opioid receptor in nociceptive modulation in anterior cingulate cortex of rats. Molecular Pain, 2020, 16, 174480692096614.	2.1	8
50	Comparison study of different indoleamine-2,3 dioxygenase inhibitors from the perspective of pharmacodynamic effects. International Journal of Immunopathology and Pharmacology, 2020, 34, 205873842095058.	2.1	5
51	Trichromatic Dyeing of Polyimide Fiber Using Its Inherent Color as a Yellow Component. Fibers and Polymers, 2020, 21, 1783-1789.	2.1	9
52	Roxadustat attenuates experimental pulmonary fibrosis in vitro and in vivo. Toxicology Letters, 2020, 331, 112-121.	0.8	21
53	Design, Synthesis, and Evaluation of Acetylcholinesterase and Butyrylcholinesterase Dual-Target Inhibitors against Alzheimer's Diseases. Molecules, 2020, 25, 489.	3.8	12
54	PCC0208023, a potent SHP2 allosteric inhibitor, imparts an antitumor effect against KRAS mutant colorectal cancer. Toxicology and Applied Pharmacology, 2020, 398, 115019.	2.8	12

#	Article	IF	CITATIONS
55	Toxicological evaluation of, red rice yeast extract, Xuezhikang: Acute, 26-week chronic and genotoxicity studies. Regulatory Toxicology and Pharmacology, 2020, 114, 104654.	2.7	7
56	Roles of Exosomes in Ocular Diseases. International Journal of Nanomedicine, 2020, Volume 15, 10519-10538.	6.7	53
57	FNDC3B is associated with ER stress and poor prognosis in cervical cancer. Oncology Letters, 2020, 19, 406-414.	1.8	12
58	Small molecule modulators targeting protein kinase CK1 and CK2. European Journal of Medicinal Chemistry, 2019, 181, 111581.	5.5	38
59	Cocaine induces differential circular RNA expression in striatum. Translational Psychiatry, 2019, 9, 199.	4.8	23
60	Discovery and synthesis of 3- and 21-substituted fusidic acid derivatives as reversal agents of P-glycoprotein-mediated multidrug resistance. European Journal of Medicinal Chemistry, 2019, 182, 111668.	5.5	11
61	Raltegravir Attenuates Experimental Pulmonary Fibrosis In Vitro and In Vivo. Frontiers in Pharmacology, 2019, 10, 903.	3.5	14
62	Targeting epigenetic machinery: Emerging novel allosteric inhibitors., 2019, 204, 107406.		32
63	Engineering of Bone- and CD44-Dual-Targeting Redox-Sensitive Liposomes for the Treatment of Orthotopic Osteosarcoma. ACS Applied Materials & Samp; Interfaces, 2019, 11, 7357-7368.	8.0	63
64	Preclinical safety of ginsenoside compound K: Acute, and 26-week oral toxicity studies in mice and rats. Food and Chemical Toxicology, 2019, 131, 110578.	3.6	29
65	A study of D-allulose-associated reproductive toxicity in rats. Food and Chemical Toxicology, 2019, 131, 110548.	3.6	4
66	Can intracellular drug delivery using hyaluronic acid functionalised pH-sensitive liposomes overcome gemcitabine resistance in pancreatic cancer?. Journal of Controlled Release, 2019, 305, 89-100.	9.9	45
67	Enhancing the Dyeability of Polyimide Fibers with the Assistance of Swelling Agents. Materials, 2019, 12, 347.	2.9	13
68	Synthesis, Characterization, and Anticancer Activities Evaluation of Compounds Derived from 3,4-Dihydropyrimidin-2(1H)-one. Molecules, 2019, 24, 891.	3.8	22
69	Design, Synthesis, and Biological Evaluation of Novel Nitrogen Heterocycle-Containing Ursolic Acid Analogs as Antitumor Agents. Molecules, 2019, 24, 877.	3.8	14
70	PCC0208018 exerts antitumor effects by activating effector T cells. International Journal of Immunopathology and Pharmacology, 2019, 33, 205873841984336.	2.1	4
71	PCC0208027, a novel tyrosine kinase inhibitor, inhibits tumor growth of NSCLC by targeting EGFR and HER2 aberrations. Scientific Reports, 2019, 9, 5692.	3.3	17
72	LPM580098, a Novel Triple Reuptake Inhibitor of Serotonin, Noradrenaline, and Dopamine, Attenuates Neuropathic Pain. Frontiers in Pharmacology, 2019, 10, 53.	3.5	23

#	Article	IF	CITATIONS
73	Afatinib-loaded immunoliposomes functionalized with cetuximab: A novel strategy targeting the epidermal growth factor receptor for treatment of non-small-cell lung cancer. International Journal of Pharmaceutics, 2019, 560, 126-135.	5.2	39
74	A Facile, Effective Synthesis of Excellent Fluorescent Carbon Dots with Optical Properties. ChemistrySelect, 2019, 4, 12762-12767.	1.5	1
75	Saikosaponin d causes apoptotic death of cultured neocortical neurons by increasing membrane permeability and elevating intracellular Ca2+ concentration. NeuroToxicology, 2019, 70, 112-121.	3.0	19
76	Peptide-based and small synthetic molecule inhibitors on PD-1/PD-L1 pathway: A new choice for immunotherapy?. European Journal of Medicinal Chemistry, 2019, 161, 378-398.	5 . 5	66
77	Discovery, synthesis of novel fusidic acid derivatives possessed amino-terminal groups at the 3-hydroxyl position with anticancer activity. European Journal of Medicinal Chemistry, 2019, 162, 122-131.	5. 5	23
78	Design, synthesis, and discovery of ocotillol-type amide derivatives as orally available modulators of P-glycoprotein-mediated multidrug resistance. European Journal of Medicinal Chemistry, 2019, 161, 118-130.	5.5	27
79	Pharmacokinetics of S-EPA, and its inhibition on indoleamine 2,3-dioxgenase: a case of sulfur-substitution affecting distributions in blood cells. Xenobiotica, 2019, 49, 1338-1343.	1.1	2
80	Nicotinic ACh receptor α7 inhibits PDGFâ€induced migration of vascular smooth muscle cells by activating mitochondrial deacetylase sirtuin 3. British Journal of Pharmacology, 2019, 176, 4388-4401.	5 . 4	38
81	H6, a novel hederagenin derivative, reverses multidrug resistance in vitro and in vivo. Toxicology and Applied Pharmacology, 2018, 341, 98-105.	2.8	82
82	A Series of Enthalpically Optimized Docetaxel Analogues Exhibiting Enhanced Antitumor Activity and Water Solubility. Journal of Natural Products, 2018, 81, 524-533.	3.0	39
83	In Vitro and In Vivo Characterization of PCC0104005, a Novel Modulator of Serotonin-Dopamine Activity, as an Atypical Antipsychotic Drug. Scientific Reports, 2018, 8, 6892.	3.3	0
84	Toxicity effects of a novel potent triple reuptake inhibitor, LPM570065, on the fertility and early embryonic development in Sprague-Dawley rats. Regulatory Toxicology and Pharmacology, 2018, 100, 45-51.	2.7	11
85	Acute, subchronic oral toxicity, and genotoxicity evaluations of LPM570065, a new potent triple reuptake inhibitor. Regulatory Toxicology and Pharmacology, 2018, 98, 129-139.	2.7	15
86	Nearâ€Infrared II Dyeâ€Protein Complex for Biomedical Imaging and Imagingâ€Guided Photothermal Therapy. Advanced Healthcare Materials, 2018, 7, e1800589.	7.6	116
87	Design and Discovery of Quinazoline- and Thiourea-Containing Sorafenib Analogs as EGFR and VEGFR-2 Dual TK Inhibitors. Molecules, 2018, 23, 24.	3.8	38
88	PCC0208009 enhances the anti-tumor effects of temozolomide through direct inhibition and transcriptional regulation of indoleamine 2,3-dioxygenase in glioma models. International Journal of Immunopathology and Pharmacology, 2018, 32, 205873841878799.	2.1	23
89	A complex micellar system co-delivering curcumin with doxorubicin against cardiotoxicity and tumor growth. International Journal of Nanomedicine, 2018, Volume 13, 4549-4561.	6.7	59
90	Pyrazolo[1,5-a]pyrimidine TRPC6 antagonists for the treatment of gastric cancer. Cancer Letters, 2018, 432, 47-55.	7.2	45

#	Article	IF	Citations
91	Pyrazolopyrimidines as Potent Stimulators for Transient Receptor Potential Canonical 3/6/7 Channels. Journal of Medicinal Chemistry, 2017, 60, 4680-4692.	6.4	44
92	Design, synthesis and biological activities of quinazoline containing sorafenib analogs as antitumor agents. Wuhan University Journal of Natural Sciences, 2017, 22, 239-246.	0.4	1
93	Combinatorial antitumor effects of indoleamine 2,3-dioxygenase inhibitor NLG919 and paclitaxel in a murine B16-F10 melanoma model. International Journal of Immunopathology and Pharmacology, 2017, 30, 215-226.	2.1	33
94	Lipase-ultrasound assisted synthesis of polyesters. Ultrasonics Sonochemistry, 2017, 38, 496-502.	8.2	29
95	A new electrospun graphene-silk fibroin composite scaffolds for guiding Schwann cells. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 2171-2185.	3.5	48
96	Discovery of aminocyclohexene analogues as selective and orally bioavailable h Nav1.7 inhibitors for analgesia. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4979-4984.	2.2	7
97	Spermine synthase deficiency causes lysosomal dysfunction and oxidative stress in models of Snyder-Robinson syndrome. Nature Communications, 2017, 8, 1257.	12.8	64
98	Lx2-32c, a novel semi-synthetic taxane, exerts antitumor activity against prostate cancer cells in vitro and in vivo. Acta Pharmaceutica Sinica B, 2017, 7, 52-58.	12.0	62
99	Design of novel multifunctional targeting nano-carrier drug delivery system based on CD44 receptor and tumor microenvironment pH condition. Drug Delivery, 2016, 23, 798-803.	5.7	40
100	PFK15, a Small Molecule Inhibitor of PFKFB3, Induces Cell Cycle Arrest, Apoptosis and Inhibits Invasion in Gastric Cancer. PLoS ONE, 2016, 11, e0163768.	2.5	80
101	Antidepressant-like Effects of LPM580153, A Novel Potent Triple Reuptake Inhibitor. Scientific Reports, 2016, 6, 24233.	3.3	12
102	Acetylcholinesterase Inhibitors for Alzheimer's Disease Treatment Ameliorate Acetaminophen-Induced Liver Injury in Mice via Central Cholinergic System Regulation. Journal of Pharmacology and Experimental Therapeutics, 2016, 359, 374-382.	2.5	20
103	Liquid Chromatography–Mass Spectrometry/Mass Spectrometry Analysis and Pharmacokinetic Assessment of Ponatinib in Sprague–Dawley Rats. Oncology and Therapy, 2016, 4, 117-128.	2.6	7
104	The Stress-responsive Gene ATF3 Mediates Dichotomous UV Responses by Regulating the Tip60 and p53 Proteins. Journal of Biological Chemistry, 2016, 291, 10847-10857.	3.4	23
105	Ameliorative effect of ginsenoside RT-5 on CDDP-induced nephrotoxicity. Wuhan University Journal of Natural Sciences, 2015, 20, 343-349.	0.4	2
106	Xylanase―and celluloseâ€aided bioprocessing of bamboo. Engineering in Life Sciences, 2015, 15, 605-611.	3.6	3
107	Design, synthesis, nitric oxide release and antibacterial evaluation of novel nitrated ocotillol-type derivatives. European Journal of Medicinal Chemistry, 2015, 101, 71-80.	5 . 5	36
108	Discovery of new scaffolds from approved drugs as acetylcholinesterase inhibitors. RSC Advances, 2015, 5, 90288-90294.	3.6	17

#	Article	IF	CITATIONS
109	EGFR mutation L747P led to gefitinib resistance and accelerated liver metastases in a Chinese patient with lung adenocarcinoma. International Journal of Clinical and Experimental Pathology, 2015, 8, 8603-6.	0.5	15
110	Preparation, Pharmacokinetics, Biodistribution, Antitumor Efficacy and Safety of Lx2-32c-Containing Liposome. PLoS ONE, 2014, 9, e114688.	2.5	6
111	NSK-01105, a Novel Sorafenib Derivative, Inhibits Human Prostate Tumor Growth via Suppression of VEGFR2/EGFR-Mediated Angiogenesis. PLoS ONE, 2014, 9, e115041.	2.5	13
112	Dual pH-responsive and CD44 receptor targeted multifunctional nanoparticles for anticancer intracellular delivery. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	5
113	Antimicrobial activity and mechanism of PLA/TP composite nanofibrous films. Journal of the Textile Institute, 2014, 105, 196-202.	1.9	9
114	The pseudoginsenoside F11 ameliorates cisplatin-induced nephrotoxicity without compromising its anti-tumor activity in vivo. Scientific Reports, 2014, 4, 4986.	3.3	21
115	Antidepressant-like activity of adhyperforin, a novel constituent of Hypericum perforatum L Scientific Reports, 2014, 4, 5632.	3.3	60
116	Protection of Pyruvate against Glutamate Excitotoxicity Is Mediated by Regulating DAPK1 Protein Complex. PLoS ONE, 2014, 9, e95777.	2.5	21
117	Evaluation of drug release property and blood compatibility of aspirin-loaded electrospun PLA/RSF composite nanofibers. Iranian Polymer Journal (English Edition), 2013, 22, 729-737.	2.4	37
118	A novel approach to medical countermeasures against organophosphorus compound toxicity. Biomedical Reports, 2013, 1, 901-906.	2.0	3
119	Ocotillol Enhanced the Antitumor Activity of Doxorubicin via p53-Dependent Apoptosis. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-8.	1.2	12
120	Hypersensitivity reaction studies of a polyethoxylated castor oil-free, liposome-based alternative paclitaxel formulation. Molecular Medicine Reports, 2013, 7, 947-952.	2.4	52
121	Cardioprotective Effects of 20(S)-Ginsenoside Rh2 against Doxorubicin-Induced Cardiotoxicity <i>In Vitro</i> and <i>In Vivo</i> . Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-8.	1.2	45
122	Antibacterial properties of PLA nonwoven medical dressings coated with nanostructured silver. Fibers and Polymers, 2008, 9, 556-560.	2.1	28
123	Enzymatic Dyeing of Wool Fibers with Enhancement of Strength Using Laccase as Catalyst. Journal of Natural Fibers, 0 , 1 - 13 .	3.1	0