

# Luguo Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

689  
citations

687363

13  
h-index

610901

24  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1123  
citing authors

#	ARTICLE	IF	CITATIONS
1	KIAA1217 Promotes Epithelial-Mesenchymal Transition and Hepatocellular Carcinoma Metastasis by Interacting with and Activating STAT3. <i>International Journal of Molecular Sciences</i> , 2022, 23, 104.	4.1	9
2	Discovery of a novel HDACi structure that inhibits the proliferation of ovarian cancer cells <i>in vivo</i> and <i>in vitro</i> . <i>International Journal of Biological Sciences</i> , 2021, 17, 3493-3507.	6.4	8
3	Stevioside Activates AMPK to Suppress Inflammation in Macrophages and Protects Mice from LPS-Induced Lethal Shock. <i>Molecules</i> , 2021, 26, 858.	3.8	11
4	Flavonoids from <i>Sophora alopecuroides</i> L. improve palmitate-induced insulin resistance by inhibiting PTP1B activity <i>in vitro</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 35, 127775.	2.2	4
5	SUVA: splicing site usage variation analysis from RNA-seq data reveals highly conserved complex splicing biomarkers in liver cancer. <i>RNA Biology</i> , 2021, 18, 157-171.	3.1	11
6	AGTAR: A novel approach for transcriptome assembly and abundance estimation using an adapted genetic algorithm from RNA-seq data. <i>Computers in Biology and Medicine</i> , 2021, 135, 104646.	7.0	1
7	Analysis of Bulk RNA Sequencing Data Reveals Novel Transcription Factors Associated With Immune Infiltration Among Multiple Cancers. <i>Frontiers in Immunology</i> , 2021, 12, 644350.	4.8	6
8	Ursolic Acid Targets Glucosyltransferase and Inhibits Its Activity to Prevent <i>Streptococcus mutans</i> Biofilm Formation. <i>Frontiers in Microbiology</i> , 2021, 12, 743305.	3.5	5
9	Discovery and Verification of Key Liver Cancer Genes and Alternative Splicing Events Based on Second-Generation Sequencing Data Analysis. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1433-1444.	1.4	1
10	Tectorigenin enhances PDX1 expression and protects pancreatic $\beta$ -cells by activating ERK and reducing ER stress. <i>Journal of Biological Chemistry</i> , 2020, 295, 12975-12992.	3.4	21
11	Fas and GIT1 signalling in the prefrontal cortex mediate behavioural sensitization to methamphetamine in mice. <i>Brain Research Bulletin</i> , 2020, 164, 361-371.	3.0	2
12	Hypericin attenuates nonalcoholic fatty liver disease and abnormal lipid metabolism via the PKA-mediated AMPK signaling pathway <i>in vitro</i> and <i>in vivo</i> . <i>Pharmacological Research</i> , 2020, 153, 104657.	7.1	28
13	Ethyl-p-methoxycinnamate enhances oct4 expression and reinforces pluripotency through the NF- $\kappa$ B signaling pathway. <i>Biochemical Pharmacology</i> , 2020, 177, 113984.	4.4	6
14	An Improved Protocol for the Virtual Screening Discovery of Novel Histone Deacetylase Inhibitors. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 1076-1081.	1.3	2
15	Dracorhodin perchlorate protects pancreatic $\beta$ -cells against glucotoxicity or lipotoxicity-induced dysfunction and apoptosis <i>in vitro</i> and <i>in vivo</i> . <i>FEBS Journal</i> , 2019, 286, 3718-3736.	4.7	8
16	Hypericin maintains PDX1 expression via the Erk pathway and protects islet $\beta$ -cells against glucotoxicity and lipotoxicity. <i>International Journal of Biological Sciences</i> , 2019, 15, 1472-1487.	6.4	23
17	Micro-RNA-27a/b negatively regulates hepatic gluconeogenesis by targeting FOXO1. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E911-E924.	3.5	24
18	Induced Expression of VEGFC, ANGPT, and EFNB2 and Their Receptors Characterizes Neovascularization in Proliferative Diabetic Retinopathy. , 2019, 60, 4084.		28

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19	A novel benzamine lead compound of histone deacetylase inhibitor ZINC24469384 can suppresses HepG2 cells proliferation by upregulating NR1H4. <i>Scientific Reports</i> , 2019, 9, 2350.	3.3	7
20	Identification of a new <i>GLDC</i> gene alternative splicing variant and its protumorigenic roles in lung cancer. <i>Future Oncology</i> , 2019, 15, 4127-4139.	2.4	8
21	Hepatic miR-181b-5p Contributes to Glycogen Synthesis Through Targeting EGR1. <i>Digestive Diseases and Sciences</i> , 2019, 64, 1548-1559.	2.3	11
22	Prohibitin 2 localizes in nucleolus to regulate ribosomal RNA transcription and facilitate cell proliferation in RD cells. <i>Scientific Reports</i> , 2018, 8, 1479.	3.3	20
23	20(S)-25-methoxyl-dammarane-3 $\beta$ ,12 $\beta$ ,20-triol attenuates endoplasmic reticulum stress via ERK/MAPK signaling pathway. <i>European Journal of Pharmacology</i> , 2018, 836, 75-82.	3.5	4
24	Maspin inhibits macrophage phagocytosis and enhances inflammatory cytokine production via activation of NF- $\kappa$ B signaling. <i>Molecular Immunology</i> , 2017, 82, 94-103.	2.2	13
25	Near-infrared conjugated polymers for photoacoustic imaging-guided photothermal/chemo combination therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5479-5487.	5.8	18
26	20(S)-25-methoxyl-dammarane-3 $\beta$ , 12 $\beta$ , 20-triol negatively regulates activation of STAT3 and ERK pathways and exhibits anti-cancer effects in HepG2 cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 1404-1418.	4.9	15
27	Antibacterial Activity and Action Mechanism of the <i>Echinops ritro</i> Essential Oil Against Foodborne Pathogenic Bacteria. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2017, 20, 1172-1183.	1.9	5
28	Ginkgolide A Ameliorates LPS-Induced Inflammatory Responses In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2017, 18, 794.	4.1	35
29	Dual release of angiostatin and curcumin from biodegradable PLGA microspheres inhibit Lewis lung cancer in a mice model. <i>RSC Advances</i> , 2016, 6, 111440-111446.	3.6	6
30	25-methoxyl-dammarane-3 $\beta$ , 12 $\beta$ , 20-triol and artemisinin synergistically inhibit MDA-MB-231 cell proliferation through downregulation of testes-specific protease 50 (TSP50) expression. <i>Tumor Biology</i> , 2016, 37, 11805-11813.	1.8	7
31	A New Flavonoid Glycoside from <i>Dodartia orientalis</i> and Antitumor Activity Evaluation of Its Constituents. <i>Chemistry of Natural Compounds</i> , 2016, 52, 798-801.	0.8	3
32	Co-Delivery of angiostatin and curcumin by a biodegradable polymersome for antiangiogenic therapy. <i>RSC Advances</i> , 2016, 6, 105442-105448.	3.6	7
33	Structure, cytotoxic activity and mechanism of protoilludane sesquiterpene aryl esters from the mycelium of <i>Armillaria mellea</i> . <i>Journal of Ethnopharmacology</i> , 2016, 184, 119-127.	4.1	25
34	Photoactivation of hypericin decreases the viability of RINm5F insulinoma cells through reduction in JNK/ERK phosphorylation and elevation of caspase-9/caspase-3 cleavage and Bax-to-Bcl-2 ratio. <i>Bioscience Reports</i> , 2015, 35, .	2.4	26
35	Low incidence of IL6ST (gp130) mutations in exon 6 in lung cancer of a Chinese cohort. <i>Cancer Genetics</i> , 2014, 207, 291-298.	0.4	6
36	CaMK IV phosphorylates prohibitin 2 and regulates prohibitin 2-mediated repression of MEF2 transcription. <i>Cellular Signalling</i> , 2011, 23, 1686-1690.	3.6	14

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37	JAK1-STAT1-STAT3, a key pathway promoting proliferation and preventing premature differentiation of myoblasts. <i>Journal of Cell Biology</i> , 2007, 179, 129-138.	5.2	161
38	Akt binds prohibitin 2 and relieves its repression of MyoD and muscle differentiation. <i>Journal of Cell Science</i> , 2004, 117, 3021-3029.	2.0	100