

Yue Gao

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

2,226
citations

218381

26
h-index

276539

41
g-index

121
all docs

121
docs citations

121
times ranked

3755
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning based early warning system enables accurate mortality risk prediction for COVID-19. <i>Nature Communications</i> , 2020, 11, 5033.	5.8	217
2	Potential benefits of precise corticosteroids therapy for severe 2019-nCoV pneumonia. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 18.	7.1	194
3	Beneficial effects of paeoniflorin on non-alcoholic fatty liver disease induced by high-fat diet in rats. <i>Scientific Reports</i> , 2017, 7, 44819.	1.6	73
4	Risk factors for developing into critical COVID-19 patients in Wuhan, China: A multicenter, retrospective, cohort study. <i>EClinicalMedicine</i> , 2020, 25, 100471.	3.2	63
5	Myocardial lipidomics profiling delineate the toxicity of traditional Chinese medicine Aconiti Lateralis radix praeparata. <i>Journal of Ethnopharmacology</i> , 2013, 147, 349-356.	2.0	58
6	Characterization of metabolites and cytochrome P450 isoforms involved in the microsomal metabolism of aconitine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 844, 292-300.	1.2	57
7	Pregnane X receptor mediated-transcription regulation of CYP3A by glycyrrhizin: A possible mechanism for its hepatoprotective property against lithocholic acid-induced injury. <i>Chemico-Biological Interactions</i> , 2012, 200, 11-20.	1.7	54
8	Ophiopogonin D Increases SERCA2a Interaction with Phospholamban by Promoting CYP2J3 Upregulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-22.	1.9	54
9	The protective effect of piperine on dextran sulfate sodium induced inflammatory bowel disease and its relation with pregnane X receptor activation. <i>Journal of Ethnopharmacology</i> , 2015, 169, 109-123.	2.0	53
10	Paeoniflorin alleviates non-alcoholic steatohepatitis in rats: Involvement with the ROCK/NF- κ B pathway. <i>International Immunopharmacology</i> , 2016, 38, 377-384.	1.7	48
11	Sweroside Alleviated Aconitine-Induced Cardiac Toxicity in H9c2 Cardiomyoblast Cell Line. <i>Frontiers in Pharmacology</i> , 2018, 9, 1138.	1.6	47
12	Antithrombotic activities of ferulic acid via intracellular cyclic nucleotide signaling. <i>European Journal of Pharmacology</i> , 2016, 777, 1-8.	1.7	45
13	Ferulic Acid Attenuates Adhesion Molecule Expression in Gamma-Radiated Human Umbilical Vascular Endothelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 752-758.	0.6	44
14	Dose-related liver injury of Geniposide associated with the alteration in bile acid synthesis and transportation. <i>Scientific Reports</i> , 2017, 7, 8938.	1.6	41
15	High-efficiency, flexibility and lead-free X-ray shielding multilayered polymer composites: layered structure design and shielding mechanism. <i>Scientific Reports</i> , 2021, 11, 4384.	1.6	41
16	Cardiac efficacy and toxicity of aconitine: A new frontier for the ancient poison. <i>Medicinal Research Reviews</i> , 2021, 41, 1798-1811.	5.0	41
17	Ferulic acid protects lymphocytes from radiation-predisposed oxidative stress through extracellular regulated kinase. <i>International Journal of Radiation Biology</i> , 2011, 87, 130-140.	1.0	40
18	The p38 MAPK inhibitor BIRB796 enhances the antitumor effects of VX680 in cervical cancer. <i>Cancer Biology and Therapy</i> , 2016, 17, 566-576.	1.5	40

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19	Effects of Four Si-Wu-Tang's Constituents and Their Combination on Irradiated Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1378-1382.	0.6	39
20	Tanshinone IIA exerts protective effects in a LCA-induced cholestatic liver model associated with participation of pregnane X receptor. <i>Journal of Ethnopharmacology</i> , 2015, 164, 357-367.	2.0	39
21	Deep learning-enabled pelvic ultrasound images for accurate diagnosis of ovarian cancer in China: a retrospective, multicentre, diagnostic study. <i>The Lancet Digital Health</i> , 2022, 4, e179-e187.	5.9	37
22	Tanshinone IIA Attenuates Atherosclerosis in Apolipoprotein E Knockout Mice Infected with <i>Porphyromonas gingivalis</i> . <i>Inflammation</i> , 2017, 40, 1631-1642.	1.7	34
23	Hepatoprotective activity of iridoids, seco-iridoids and analog glycosides from Gentianaceae on HepG2 cells via CYP3A4 induction and mitochondrial pathway. <i>Food and Function</i> , 2018, 9, 2673-2683.	2.1	31
24	Artemisinin protects against dextran sulfate-sodium-induced inflammatory bowel disease, which is associated with activation of the pregnane X receptor. <i>European Journal of Pharmacology</i> , 2014, 738, 273-284.	1.7	29
25	Heterogeneity of immune microenvironment in ovarian cancer and its clinical significance: a retrospective study. <i>Oncolmmunology</i> , 2020, 9, 1760067.	2.1	29
26	Effects of ferulic acid on hematopoietic cell recovery in whole-body gamma irradiated mice. <i>International Journal of Radiation Biology</i> , 2011, 87, 499-505.	1.0	28
27	Tanshinone IIA ameliorates dextran sulfate sodium-induced inflammatory bowel disease via the pregnane X receptor. <i>Drug Design, Development and Therapy</i> , 2015, 9, 6343.	2.0	28
28	Ophiopogonin D and EETs ameliorate Ang II-induced inflammatory responses via activating PPAR α in HUVECs. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 123-133.	1.0	28
29	Administration of microparticles from blood of the lipopolysaccharide-treated rats serves to induce pathologic changes of acute respiratory distress syndrome. <i>Experimental Biology and Medicine</i> , 2015, 240, 1735-1741.	1.1	27
30	Ophiopogonin D maintains Ca ²⁺ homeostasis in rat cardiomyocytes in vitro by upregulating CYP2J3/EETs and suppressing ER stress. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 368-381.	2.8	26
31	Ferulic acid prevents LPS-induced up-regulation of PDE4B and stimulates the cAMP/CREB signaling pathway in PC12 cells. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 1543-1554.	2.8	25
32	Tanshinone IIA Protects Endothelial Cells from H ₂ O ₂ -Induced Injuries via PXR Activation. <i>Biomolecules and Therapeutics</i> , 2017, 25, 599-608.	1.1	25
33	Induction of cytochrome P450 1A1 expression by ginsenoside Rg1 and Rb1 in HepG2 cells. <i>European Journal of Pharmacology</i> , 2008, 601, 73-78.	1.7	24
34	Ophiopogonin D Reduces Myocardial Ischemia-Reperfusion Injury via Upregulating CYP2J3/EETs in Rats. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 1646-1658.	1.1	24
35	Safety Research in Traditional Chinese Medicine: Methods, Applications, and Outlook. <i>Engineering</i> , 2019, 5, 76-82.	3.2	23
36	Serum Pharmacochemistry Analysis Using UPLC-Q-TOF/MS after Oral Administration to Rats of Shenfu Decoction. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-12.	0.5	22

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37	Ginkgolide B protects human umbilical vein endothelial cells against xenobiotic injuries via PXR activation. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 177-186.	2.8	21
38	Antitoxic effect of <i>Veratrilla baillonii</i> on the acute toxicity in mice induced by <i>Aconitum brachypodum</i> , one of the genus <i>Aconitum</i> . <i>Journal of Ethnopharmacology</i> , 2016, 179, 27-37.	2.0	20
39	Ophiopogonin D alleviates cardiac hypertrophy in rat by upregulating CYP2J3 in vitro and suppressing inflammation in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1011-1019.	1.0	19
40	Sestrin2 protects against bavachin induced ER stress through AMPK/mTORC1 signaling pathway in HepG2 cells. <i>Journal of Pharmacological Sciences</i> , 2021, 145, 175-186.	1.1	19
41	Study on Cardiotoxicity and Mechanism of <i>Fuzi</i> Extracts Based on Metabonomics. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3506.	1.8	17
42	Metabolomics of Aurantio-Obtusin-Induced Hepatotoxicity in Rats for Discovery of Potential Biomarkers. <i>Molecules</i> , 2019, 24, 3452.	1.7	15
43	In-hospital use of ACEI/ARB is associated with lower risk of mortality and critic illness in COVID-19 patients with hypertension. <i>Journal of Infection</i> , 2020, 81, 816-846.	1.7	15
44	The Effect of Ultrasound, Oxygen and Sunlight on the Stability of (âˆ’)-Epigallocatechin Gallate. <i>Molecules</i> , 2018, 23, 2394.	1.7	14
45	Urine Metabolomics Study on Potential Hepatotoxic Biomarkers Identification in Rats Induced by Aurantio-Obtusin. <i>Frontiers in Pharmacology</i> , 2020, 11, 1237.	1.6	14
46	Aconitine attenuates mitochondrial dysfunction of cardiomyocytes via promoting deacetylation of cyclophilin-D mediated by sirtuin-3. <i>Journal of Ethnopharmacology</i> , 2021, 270, 113765.	2.0	13
47	Geldanamycin, an inhibitor of Hsp90, increases paclitaxel-mediated toxicity in ovarian cancer cells through sustained activation of the p38/H2AX axis. <i>Tumor Biology</i> , 2016, 37, 14745-14755.	0.8	12
48	Emodin-Induced Oxidative Inhibition of Mitochondrial Function Assists BiP/IRE1 α /CHOP Signaling-Mediated ER-Related Apoptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	12
49	Rapid Comparison of Metabolites in Humans and Rats of Different Sexes Using Untargeted Ultraperformance Liquid Chromatography Coupled to Time-of-Flight Mass Spectrometry and an in-house Software Platform. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 801-821.	0.5	11
50	In vivo metabolite identification of bakuchiol in rats by UPLC/ESI-MS/MS. <i>Journal of Pharmaceutical Sciences</i> , 2015, 106, 129-134.	1.1	11
51	Ferulic Acid Mitigates Radiation Injury in Human Umbilical Vein Endothelial Cells In Vitro via the Thrombomodulin Pathway. <i>Radiation Research</i> , 2018, 190, 298.	0.7	11
52	Normal pregnancy-induced amino acid metabolic stress in a longitudinal cohort of pregnant women: novel insights generated from UPLC-QTOFMS-based urine metabolomic study. <i>Metabolomics</i> , 2016, 12, 1.	1.4	10
53	Metabolomics profiling of <i>Polygoni Multiflora Radix</i> and <i>Polygoni Multiflora Radix Preparata</i> extracts using UPLC-Q/TOF-MS. <i>Chinese Medicine</i> , 2019, 14, 46.	1.6	10
54	Panax ginseng inhibits intestinal absorption of toxic <i>Aconitum carmichaeli</i> alkaloids in Vitro. <i>Chinese Journal of Integrative Medicine</i> , 2015, 1.	0.7	9

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55	Notch1-mediated histone demethylation of HCN4 contributes to aconitine-induced ventricular myocardial dysrhythmia. <i>Toxicology Letters</i> , 2020, 327, 19-31.	0.4	9
56	SLC7A11/GPX4 Inactivation-Mediated Ferroptosis Contributes to the Pathogenesis of Triptolide-Induced Cardiotoxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	1.9	9
57	Cardioprotection of Shenfu preparata on cardiac myocytes through cytochrome P450 2J3. <i>Journal of Integrative Medicine</i> , 2013, 11, 327-336.	1.4	8
58	Effect of Yangyingqingfei decoction on radiation-induced lung injury via downregulation of MMP12 and TIMP-1 expression. <i>Experimental and Therapeutic Medicine</i> , 2014, 8, 9-14.	0.8	8
59	Hepatotoxicity and nephrotoxicity assessment on ethanol extract of <i>Fructus Psoraleae</i> in Sprague Dawley rats using a UPLC-MS analysis of serum metabolomics. <i>Biomedical Chromatography</i> , 2021, 35, e5064.	0.8	8
60	Ginsenoside Rg1 protects mice against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced liver injury by inhibiting CYP1A1 through the aryl hydrocarbon receptor. <i>Journal of Ethnopharmacology</i> , 2022, 294, 115394.	2.0	8
61	Proteomic Analysis of the Effects of Tetramethylpyrazine on Irradiated QXMSC1 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 397-402.	0.6	7
62	Total synthesis of two isoflavone C-glycosides (6-tert-butyl puerarin and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (6-tert-butyl-4- H) 2835-2837.	0.7	7
63	Panax ginseng Inhibits Metabolism of Diester Alkaloids by Downregulating CYP3A4 Enzyme Activity via the Pregnane X Receptor. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-13.	0.5	7
64	Development and validation of an online model to predict critical COVID-19 with immune-inflammatory parameters. <i>Journal of Intensive Care</i> , 2021, 9, 19.	1.3	7
65	Tetramethylpyrazine protects lymphocytes from radiation-induced apoptosis through nuclear factor- κ B. <i>Chinese Journal of Natural Medicines</i> , 2014, 12, 730-737.	0.7	6
66	Simultaneous Evaluation of the Influence of <i>Panax ginseng</i> on the Pharmacokinetics of Three Diester Alkaloids after Oral Administration of Aconiti Lateralis Radix in Rats Using UHPLC/QQQ-MS/MS. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-14.	0.5	6
67	Human PXR-mediated transcriptional activation of CYP3A4 by <i>Fuzi</i> ™ extracts. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 155-164.	1.3	6
68	Repeated Aconitine Treatment Induced the Remodeling of Mitochondrial Function via AMPK-OPA1-ATP5A1 Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 646121.	1.6	6
69	Ferulic acid produces neuroprotection against radiation-induced neuroinflammation by affecting NLRP3 inflammasome activation. <i>International Journal of Radiation Biology</i> , 2022, 98, 1442-1451.	1.0	6
70	Ginsenoside Rb1 Ameliorated Bavachin-Induced Renal Fibrosis via Suppressing Bip/elf2 β /CHOP Signaling-Mediated EMT. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	6
71	Synergistic effect and different toxicities of adjuvant components of Realgar-Indigo Naturalis formula. <i>Chinese Herbal Medicines</i> , 2018, 10, 137-144.	1.2	5
72	CIRPMC: An online model with simplified inflammatory signature to predict the occurrence of critical illness in patients with COVID-19. <i>Clinical and Translational Medicine</i> , 2020, 10, e210.	1.7	5

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73	A comparative study of aurantio-obtusin metabolism in normal and liver-injured rats by ultra performance liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 196, 113896.	1.4	5
74	Simvastatin attenuates acute lung injury by activation of A2B adenosine receptor. <i>Toxicology and Applied Pharmacology</i> , 2021, 422, 115460.	1.3	5
75	Mechanisms and Molecular Targets of Compound Danshen Dropping Pill for Heart Disease Caused by High Altitude Based on Network Pharmacology and Molecular Docking. <i>ACS Omega</i> , 2021, 6, 26942-26951.	1.6	5
76	Predose and Postdose Blood Gene Expression Profiles Identify the Individuals Susceptible to Acetaminophen-Induced Liver Injury in Rats. <i>PLoS ONE</i> , 2015, 10, e0141750.	1.1	4
77	Total synthesis of an isoflavone <i>C</i> -glycoside: 6- <i>tert</i> -butylpuerarin. <i>Journal of Carbohydrate Chemistry</i> , 2016, 35, 387-395.	0.4	4
78	Influences of Realgar-Indigo naturalis, A Traditional Chinese Medicine Formula, on the Main CYP450 Activities in Rats Using a Cocktail Method. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-9.	0.5	4
79	Alteration of serum markers in COVID-19 and implications on mortality. <i>Clinical and Translational Medicine</i> , 2020, 10, e119.	1.7	4
80	Global metabolomic and lipidomic analysis reveals the potential mechanisms of hemolysis effect of Ophiopogonin D and Ophiopogonin D' in vivo. <i>Chinese Medicine</i> , 2021, 16, 3.	1.6	4
81	Metabolic Behaviors of Aconitum Alkaloids in Different Concentrations of Aconiti Lateralis Radix Praeparata and Effects of Aconitine in Healthy Human and Long QT Syndrome Cardiomyocytes. <i>Molecules</i> , 2022, 27, 4055.	1.7	4
82	Rethinking and new perspectives on cardiotoxicity of traditional Chinese medicine. <i>Toxicology Research</i> , 2019, 8, 7-14.	0.9	3
83	The LIV-1-GRPEL1 axis adjusts cell fate during anti-mitotic agent-damaged mitosis. <i>EBioMedicine</i> , 2019, 49, 26-39.	2.7	3
84	Sharing and Helping: Regularity and Characteristics of Pathogenesis of a Widely Used Transgene Initiated Murine Acute Promyelocytic Leukemia Model. <i>Stem Cells and Development</i> , 2021, 30, 39-48.	1.1	3
85	A high-throughput cell-based gaussia luciferase reporter assay for measurement of CYP1A1, CYP2B6, and CYP3A4 induction. <i>Xenobiotica</i> , 2021, 51, 752-763.	0.5	3
86	Prognostic implications of tumour-infiltrating lymphocytes for recurrence in epithelial ovarian cancer. <i>Clinical and Experimental Immunology</i> , 2021, 206, 36-46.	1.1	3
87	A Serum Metabolomic Study on Rats Induced by Polygoni Multiflori Radix and Polygoni Multiflori Radix Preparata by Pattern Recognition and Pathways Analysis. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 306-318.	0.6	2
88	A real-world study of glucocorticoid treatment in COVID-19 patients with different disease severities. <i>Clinical and Translational Medicine</i> , 2020, 10, e235.	1.7	2
89	Interactions between drug metabolizing enzymes and traditional Chinese medicine. <i>World Chinese Journal of Digestology</i> , 2016, 24, 994.	0.0	2
90	Anaphylactic Rare Saponins Separated from Panax notoginseng Saponin and a Proteomic Approach to Their Anaphylactic Mechanism. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-12.	0.5	2

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91	Single-cell transcriptomics profiling the compatibility mechanism of As ₂ O ₃ -indigo naturalis formula based on bone marrow stroma cells. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113182.	2.5	2
92	A new strategy for isoflavone C-glycoside synthesis: The total synthesis of puerarin. <i>Journal of Carbohydrate Chemistry</i> , 2018, 37, 461-470.	0.4	1
93	Simultaneous quantitation of E0703, a novel radioprotective agent and its oxidative metabolite M1 in human plasma by UPLC-MS/MS, and application to clinical pharmacokinetics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 63-69.	1.4	1
94	Differences in the Hemolytic Behavior of Two Isomers in <i>Ophiopogon japonicus</i> In Vitro and In Vivo and Their Risk Warnings. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	1
95	PRCTC: a machine learning model for prediction of response to corticosteroid therapy in COVID-19 patients. <i>Ageing</i> , 2022, 14, 54-72.	1.4	1
96	Abstract LB168: Platelet RNA signature enables early and accurate detection of ovarian cancer: An intercontinental, biomarker identification study. <i>Cancer Research</i> , 2022, 82, LB168-LB168.	0.4	1
97	Low-dose radiation-induced demethylation of <i>3β-HSD</i> participated in the regulation of testosterone content. <i>Journal of Applied Toxicology</i> , 2022, 42, 529-539.	1.4	0