

# Shouhong Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,139  
citations

394286

19  
h-index

414303

32  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1615  
citing authors

#	ARTICLE	IF	CITATIONS
1	TRICHOME AND ARTEMISININ REGULATOR 1 Is Required for Trichome Development and Artemisinin Biosynthesis in <i>Artemisia annua</i> . <i>Molecular Plant</i> , 2015, 8, 1396-1411.	3.9	161
2	SmMYC2a and SmMYC2b played similar but irreplaceable roles in regulating the biosynthesis of tanshinones and phenolic acids in <i>Salvia miltiorrhiza</i> . <i>Scientific Reports</i> , 2016, 6, 22852.	1.6	129
3	CRISPR/Cas9-mediated efficient targeted mutagenesis of RAS in <i>Salvia miltiorrhiza</i> . <i>Phytochemistry</i> , 2018, 148, 63-70.	1.4	115
4	LC-MS/MS method for simultaneous determination of valproic acid and major metabolites in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1939-1944.	1.2	44
5	<i>Schisandra chinensis</i> extract decreases chloroacetaldehyde production in rats and attenuates cyclophosphamide toxicity in liver, kidney and brain. <i>Journal of Ethnopharmacology</i> , 2018, 210, 223-231.	2.0	43
6	X-3, a mangiferin derivative, stimulates AMP-activated protein kinase and reduces hyperglycemia and obesity in db/db mice. <i>Molecular and Cellular Endocrinology</i> , 2015, 405, 63-73.	1.6	41
7	Combined transcriptome and metabolite profiling reveals that PLR1 plays an important role in larciresinol accumulation in <i>Satis indigotica</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 6259-6271.	2.4	38
8	Rapid and sensitive method for simultaneous determination of first-line anti-tuberculosis drugs in human plasma by HPLC-MS/MS: Application to therapeutic drug monitoring. <i>Tuberculosis</i> , 2018, 109, 28-34.	0.8	31
9	LC-MS/MS method for simultaneous determination of serum cresyl sulfate and indoxyl sulfate in patients undergoing peritoneal dialysis. <i>Biomedical Chromatography</i> , 2016, 30, 1782-1788.	0.8	28
10	HPLC determination of polydatin in rat biological matrices: Application to pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 240-245.	1.4	27
11	Chemical profile- and pharmacokinetics-based investigation of the synergistic property of <i>Platycodonis Radix</i> in Traditional Chinese Medicine formula Shengxian Decoction. <i>Journal of Ethnopharmacology</i> , 2014, 152, 497-507.	2.0	26
12	LC-MS/MS method for simultaneous determination of thalidomide, lenalidomide, cyclophosphamide, bortezomib, dexamethasone and adriamycin in serum of multiple myeloma patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1028, 111-119.	1.2	26
13	LC-MS/MS method for the simultaneous determination of ethyl gallate and its major metabolite in rat plasma. <i>Biomedical Chromatography</i> , 2010, 24, 472-478.	0.8	25
14	Constituent analysis and quality control of <i>Lamiophlomis rotata</i> by LC-TOF/MS and HPLC-UV. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 102, 366-376.	1.4	24
15	Risk factors for calcineurin inhibitor nephrotoxicity after renal transplantation: a systematic review and meta-analysis. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 417-428.	2.0	24
16	Targeted metabolomic analysis of 33 amino acids and biogenic amines in human urine by ion-pairing HPLC-MS/MS: Biomarkers for tacrolimus nephrotoxicity after renal transplantation. <i>Biomedical Chromatography</i> , 2018, 32, e4198.	0.8	23
17	Rapid and Sensitive Liquid Chromatography Coupled With Electrospray Ionization Tandem Mass Spectrometry Method for the Analysis of Paclitaxel, Docetaxel, Vinblastine, and Vinorelbine in Human Plasma. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 394-400.	1.0	21
18	Effects of ketoconazole on cyclophosphamide metabolism: evaluation of CYP3A4 inhibition effect using the <i>in vitro</i> ; and <i>in vivo</i> models. <i>Experimental Animals</i> , 2018, 67, 71-82.	0.7	20

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19	Qualitative analysis and quality control of Traditional Chinese Medicine preparation Tanreqing injection by LC-TOF/MS and HPLC-DAD-ELSD. <i>Analytical Methods</i> , 2013, 5, 6431.	1.3	19
20	Characterization of anti-leukemia components from <i>Indigo naturalis</i> using comprehensive two-dimensional K562/cell membrane chromatography and in silico target identification. <i>Scientific Reports</i> , 2016, 6, 25491.	1.6	19
21	Human drug efflux transporter ABCC5 confers acquired resistance to pemetrexed in breast cancer. <i>Cancer Cell International</i> , 2021, 21, 136.	1.8	18
22	An liquid chromatography-tandem mass spectrometry assay for determination of trace amount of new antifungal drug iodiconazole in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 382-386.	1.2	17
23	Diagnostic value of plasma tryptophan and symmetric dimethylarginine levels for acute kidney injury among tacrolimus-treated kidney transplant patients by targeted metabolomics analysis. <i>Scientific Reports</i> , 2018, 8, 14688.	1.6	17
24	One-Step Solid Extraction for Simultaneous Determination of Eleven Commonly Used Anticancer Drugs and One Active Metabolite in Human Plasma by HPLC-MS/MS. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-12.	0.7	13
25	Wuzhi capsule regulates chloroacetaldehyde pharmacokinetics behaviour and alleviates high-dose cyclophosphamide-induced nephrotoxicity and neurotoxicity in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 142-151.	1.2	13
26	Simultaneous Quantification of Methotrexate and Its Metabolite 7-Hydroxy-Methotrexate in Human Plasma for Therapeutic Drug Monitoring. <i>International Journal of Analytical Chemistry</i> , 2019, 2019, 1-10.	0.4	12
27	Analysis of amino acids in human blood using UHPLC-MS/MS: Potential interferences of storage time and vacutainer tube in pre-analytical procedure. <i>Clinical Biochemistry</i> , 2016, 49, 1372-1378.	0.8	11
28	Simultaneous Quantitation of Paracetamol, Pseudoephedrine and Chlorpheniramine in Dog Plasma by LC-MS-MS. <i>Chromatographia</i> , 2008, 68, 251-257.	0.7	10
29	A rapid and sensitive method for simultaneous determination of eight protein-bound uremic toxins in human serum by UHPLC-MS/MS: application in assessing peritoneal dialysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113312.	1.4	10
30	Determination of faropenem in human plasma and urine by liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2008, 22, 5-12.	0.8	9
31	Quantification of 18 amino acids in human plasma: application in renal transplant patient plasma by targeted UHPLC-MS/MS. <i>Bioanalysis</i> , 2016, 8, 1337-1351.	0.6	9
32	Validated UHPLC-MS/MS assay for quantitative determination of etoposide, gemcitabine, vinorelbine and their metabolites in patients with lung cancer. <i>Biomedical Chromatography</i> , 2017, 31, e3989.	0.8	9
33	Time- and NADPH-Dependent Inhibition on CYP3A by Gomisin A and the Pharmacokinetic Interactions between Gomisin A and Cyclophosphamide in Rats. <i>Molecules</i> , 2017, 22, 1298.	1.7	9
34	A Sensitive and Efficient Method for Determination of Capecitabine and Its Five Metabolites in Human Plasma Based on One-Step Liquid-Liquid Extraction. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-10.	0.7	9
35	Comparison of LC-MS/MS vs chemiluminescent microparticle immunoassay in measuring the valproic acid concentration in plasma of epilepsy patients in a new perspective. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, e22157.	0.9	8
36	Integrated Transcript and Metabolite Profiles Reveal That EbCHI Plays an Important Role in Scutellarin Accumulation in <i>Erigeron breviscapus</i> Hairy Roots. <i>Frontiers in Plant Science</i> , 2018, 9, 789.	1.7	8

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37	UHPLC-MS/MS method for simultaneous determination of carbamazepine and its seven major metabolites in serum of epileptic patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1108, 17-24.	1.2	8
38	The Effect of Tanreqing Injection on the Pharmacokinetics of Sirolimus in Rats. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	7
39	Simultaneous and Rapid Determination of Six Tyrosine Kinase Inhibitors in Patients with Non-Small Cell Lung Cancer Using HPLC-MS/MS. <i>International Journal of Analytical Chemistry</i> , 2021, 2021, 1-9.	0.4	7
40	Pharmacokinetics and bioavailability study of polydatin in rat plasma by using a LC-MS/MS method. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2014, 27, 1931-7.	0.2	7
41	A direct, sensitive and efficient method for determination of alpha-fluoro-beta-alanine in urine: Evaluating the influence of magnesium isoglycyrrhizinate on excretion in rat model. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1102-1103, 17-22.	1.2	6
42	Shen-Shuai-Ning granule decreased serum concentrations of indoxyl sulphate in uremic patients undergoing peritoneal dialysis. <i>Bioscience Reports</i> , 2018, 38, .	1.1	6
43	Network Pharmacology-Based Analysis on the Curative Effect of Kunxian Capsules against Rheumatoid Arthritis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.	0.5	6
44	A Direct and Sensitive Method for Determination of 5-Fluorouracil in Colorectal Cancer Cells: Evaluating the Effect of Stromal Cell on Drug Resistance of Cancer Cells. <i>Journal of Analytical Methods in Chemistry</i> , 2021, 2021, 1-9.	0.7	5
45	LC-MS/MS Method for Determination of Hydroxychloroquine and Metabolites: Application in a Pharmacokinetic Study. <i>Journal of Analytical Methods in Chemistry</i> , 2022, 2022, 1-9.	0.7	4
46	A dynamic multiple reaction monitoring strategy to develop and optimize targeted metabolomics methods: Analyzing bile acids in capecitabine-induced diarrhea. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 219, 114938.	1.4	4
47	A targeted strategy for ingredients analysis and enrichment by mass-based preparative LC method: application to three isomeric C21 steroids from <i>Marsdenia tenacissima</i> . <i>RSC Advances</i> , 2014, 4, 7660.	1.7	3
48	Metabolite identification and pharmacokinetic study of <i>Lamiophlomis rotata</i> in rats. <i>RSC Advances</i> , 2016, 6, 24331-24339.	1.7	2
49	LC-MS/MS method for quantifying aescinate A and B and assessing their relationship with phlebitis. <i>Analytical Biochemistry</i> , 2022, 646, 114636.	1.1	2
50	A rapid and sensitive LC-MS/MS method for determination of the active component K6 in serum of patients with depression. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 213, 114691.	1.4	2
51	Rapid Determination of Pemetrexed Concentration and Distribution in Human Breast Cancer Cells (MCF-7) Based on UHPLC-MS/MS. <i>International Journal of Analytical Chemistry</i> , 2021, 2021, 1-8.	0.4	0