Ling Yang

List of Publications by Year in Descending Order

74 papers	3,641 citations	23 h-index	60 g-index
79 ext. papers	4,381 ext. citations	7.7 avg, IF	5.24 L-index

#	Paper	IF	Citations
74	Discovery of triterpenoids as potent dual inhibitors of pancreatic lipase and human carboxylesterase 1.. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2022**, 37, 629-640	5.6	0
73	Fibroblast activation protein alpha: Comprehensive detection methods for drug target and tumor marker.. *Chemico-Biological Interactions*, **2022**, 354, 109830	5	0
72	Autophagy in the liver **2022**, 161-179		
71	The unfolded protein response regulates hepatic autophagy by sXBP1-mediated activation of TFEB. *Autophagy*, **2021**, 17, 1841-1855	10.2	24
70	ADH5-mediated NO bioactivity maintains metabolic homeostasis in brown adipose tissue. *Cell Reports*, **2021**, 37, 110003	10.6	1
69	Sensing and imaging of exosomal CD26 secreted from cancer cells and 3D colorectal tumor model using a novel near-infrared fluorogenic probe. *Materials Science and Engineering C*, **2021**, 130, 112472	8.3	1
68	Loss of acinar cell VMP1 triggers spontaneous pancreatitis in mice. *Autophagy*, **2021**, 1-11	10.2	1
67	Inhibition of drug-metabolizing enzymes by Qingfei Paidu decoction: Implication of herb-drug interactions in COVID-19 pharmacotherapy. *Food and Chemical Toxicology*, **2021**, 149, 111998	4.7	18
66	Comprehensive profiling and characterization of the absorbed components and metabolites in mice serum and tissues following oral administration of Qing-Fei-Pai-Du decoction by UHPLC-Q-Exactive-Orbitrap HRMS. *Chinese Journal of Natural Medicines*, **2021**, 19, 305-320	2.8	4
65	Herb-partitioned moxibustion alleviates colonic inflammation in Crohn's disease rats by inhibiting hyperactivation of the NLRP3 inflammasome via regulation of the P2X7R-Pannexin-1 signaling pathway. *PLoS ONE*, **2021**, 16, e0252334	3.7	1
64	Autophagy in liver diseases: A review. *Molecular Aspects of Medicine*, **2021**, 82, 100973	16.7	15
63	Discovery and characterization of flavonoids in vine tea as catechol-O-methyltransferase inhibitors. *Fitoterapia*, **2021**, 152, 104913	3.2	3
62	Analytical methodologies for sensing catechol--methyltransferase activity and their applications. *Journal of Pharmaceutical Analysis*, **2021**, 11, 15-27	14	2
61	Inhibition of catechol--methyltransferase by natural pentacyclic triterpenes: structure-activity relationships and kinetic mechanism. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2021**, 36, 1079-1087	5.6	0
60	Trehalose activates hepatic transcription factor EB (TFEB) but fails to ameliorate alcohol-impaired TFEB and liver injury in mice. *Alcoholism: Clinical and Experimental Research*, **2021**, 45, 1950-1964	3.7	2
59	A putative long noncoding RNA-encoded micropeptide maintains cellular homeostasis in pancreatic cells. *Molecular Therapy - Nucleic Acids*, **2021**, 26, 307-320	10.7	3
58	Influence of herb-partitioned moxibustion at Qihai (CV6) and bilateral Tianshu (ST25) and Shangjuxu (ST37) acupoints on toll-like receptors 4 signaling pathways in patients with ulcerative coliti. *Journal of Traditional Chinese Medicine*, **2021**, 41, 479-485	1.1	1

57	Theophylline Acetaldehyde as the Initial Product in Doxophylline Metabolism in Human Liver. *Drug Metabolism and Disposition*, **2020**, 48, 345-352	4	4
56	Bioluminescent Sensor Reveals that Carboxylesterase 1A is a Novel Endoplasmic Reticulum-Derived Serologic Indicator for Hepatocyte Injury. *ACS Sensors*, **2020**, 5, 1987-1995	9.2	11
55	Rapid bioluminescence assay for monitoring rat CES1 activity and its alteration by traditional Chinese medicines. *Journal of Pharmaceutical Analysis*, **2020**, 10, 253-262	14	2
54	Inhibition of pancreatic lipase by environmental xenoestrogens. *Ecotoxicology and Environmental Safety*, **2020**, 192, 110305	7	9
53	Construction and application of a high-content analysis for identifying human carboxylesterase 2 inhibitors in living cell system. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 2645-2654	4.4	8
52	Cryptotanshinone alleviates polycystic ovary syndrome in rats by regulating the HMGB1/TLR4/NF-B signaling pathway. *Molecular Medicine Reports*, **2020**, 22, 3851-3861	2.9	8
51	Inhibition of pancreatic lipase by the constituents in St. John's Wort: In vitro and in silico investigations. *International Journal of Biological Macromolecules*, **2020**, 145, 620-633	7.9	19
50	Development and validation of a UPLC-MS/MS method for quantification of doxofylline and its metabolites in human plasma. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 174, 220-225	3.5	2
49	Discovery of natural pentacyclic triterpenoids as potent and selective inhibitors against human carboxylesterase 1. *Fitoterapi* **2019**, 137, 104199	3.2	10
48	Inhibition of human cytochrome P450 2A6 by 7-hydroxycoumarin analogues: Analysis of the structure-activity relationship and isoform selectivity. *European Journal of Pharmaceutical Sciences*, **2019**, 136, 104944	5.1	0
47	Anthraquinones from Cassiae semen as thrombin inhibitors: in vitro and in silico studies. *Phytochemistry*, **2019**, 165, 112025	4	10
46	In silico profiling the interaction mechanism of 2,5-diketopiperazine derivatives as oxytocin antagonists. *Journal of Molecular Graphics and Modelling*, **2019**, 89, 178-191	2.8	3
45	Literature data based systems pharmacology uncovers the essence of "body fire" in traditional Chinese medicine: A case by Huang-Lian-Jie-Du-Tang. *Journal of Ethnopharmacology*, **2019**, 237, 266-285	5	9
44	Hepatic Lysosomal iNOS Activity Impairs Autophagy in Obesity. *Cellular and Molecular Gastroenterology and Hepatology*, **2019**, 8, 95-110	7.9	10
43	Cytochrome P450 3A Enzymes Are Key Contributors for Hepatic Metabolism of Bufotalin, a Natural Constitute in Chinese Medicine Chansu. *Frontiers in Pharmacology*, **2019**, 10, 52	5.6	5
42	Interspecies Variation in NCMNDemethylation in Liver Microsomes from Various Species. *Molecules*, **2019**, 24,	4.8	4
41	Comprehensive identification of micropeptides encoded by long noncoding RNAs in human tissues. *FASEB Journal*, **2019**, 33, 714.1	0.9	2
40	Inhibition of human carboxylesterases by ginsenosides: structure-activity relationships and inhibitory mechanism. *Chinese Medicine*, **2019**, 14, 56	4.7	4

39	Chemical Probes for Human UDP-Glucuronosyltransferases: A Comprehensive Review. *Biotechnology Journal*, **2019**, 14, e1800002	5.6	23
38	Guidance for the clinical evaluation of traditional Chinese medicine-induced liver injuryIssued by China Food and Drug Administration. *Acta Pharmaceutica Sinica B*, **2019**, 9, 648-658	15.5	12
37	Recent progress and challenges in screening and characterization of UGT1A1 inhibitors. *Acta Pharmaceutica Sinica B*, **2019**, 9, 258-278	15.5	39
36	Systems Pharmacology Dissection of Multi-Scale Mechanisms of Action of Formula for the Treatment of Gastrointestinal Diseases. *Frontiers in Pharmacology*, **2018**, 9, 1448	5.6	30
35	Amentoflavone is a potent broad-spectrum inhibitor of human UDP-glucuronosyltransferases. *Chemico-Biological Interactions*, **2018**, 284, 48-55	5	23
34	-Nitrosoglutathione Reductase Dysfunction Contributes to Obesity-Associated Hepatic Insulin Resistance via Regulating Autophagy. *Diabetes*, **2018**, 67, 193-207	0.9	40
33	Carboxylesterase Inhibitors: An Update. *Current Medicinal Chemistry*, **2018**, 25, 1627-1649	4.3	52
32	Impact of Drug Metabolism/Pharmacokinetics and their Relevance Upon Taxus-based Drug Development. *Current Drug Metabolism*, **2018**, 19, 930-959	3.5	5
31	IRE1 prevents hepatic steatosis by processing and promoting the degradation of select microRNAs. *Science Signaling*, **2018**, 11,	8.8	54
30	Human carboxylesterases: a comprehensive review. *Acta Pharmaceutica Sinica B*, **2018**, 8, 699-712	15.5	187
29	Recent progress in the discovery of natural inhibitors against human carboxylesterases. *Foterap*, **2017**, 117, 84-95	3.2	57
28	An Optimized Two-Photon Fluorescent Probe for Biological Sensing and Imaging of Catechol-O-Methyltransferase. *Chemistry - A European Journal*, **2017**, 23, 10800-10807	4.8	23
27	A Naturally Occurring Isoform-Specific Probe for Highly Selective and Sensitive Detection of Human Cytochrome P450 3A5. *Journal of Medicinal Chemistry*, **2017**, 60, 3804-3813	8.3	17
26	Induction of CYP1A1 increases gefitinib-induced oxidative stress and apoptosis in A549 cells. *Toxicology in Vitro*, **2017**, 44, 36-43	3.6	10
25	Structure-activity relationships of flavonoids as natural inhibitors against E. coli glucuronidase. *Food and Chemical Toxicology*, **2017**, 109, 975-983	4.7	31
24	A highly specific ratiometric two-photon fluorescent probe to detect dipeptidyl peptidase IV in plasma and living systems. *Biosensors and Bioelectronics*, **2017**, 90, 283-289	11.8	38
23	ER Stress and Autophagy in Obesity and Nonalcoholic Fatty Liver Disease. *Current Pathobiology Reports*, **2017**, 5, 289-299	2	
22	A novel substrate-inspired fluorescent probe to monitor native albumin in human plasma and living cells. *Analytica Chimica Acta*, **2017**, 989, 71-79	6.6	27

21	Real-Time Tracking the Synthesis and Degradation of Albumin in Complex Biological Systems with a near-Infrared Fluorescent Probe. *Analytical Chemistry*, **2017**, 89, 9884-9891	7.8	20
20	A Practical and High-Affinity Fluorescent Probe for Uridine Diphosphate Glucuronosyltransferase 1A1: A Good Surrogate for Bilirubin. *Journal of Medicinal Chemistry*, **2017**, 60, 9664-9675	8.3	30
19	Comparative metabolism of DDAO benzoate in liver microsomes from various species. *Toxicology in Vitro*, **2017**, 44, 280-286	3.6	10
18	In vitro phase I metabolism of gamabufotalin and arenobufagin: Reveal the effect of substituent group on metabolic stability. *Fitoterap*, **2017**, 121, 38-45	3.2	6
17	Mechanism Exploration of Arylpiperazine Derivatives Targeting the 5-HT Receptor by In Silico Methods. *Molecules*, **2017**, 22,	4.8	11
16	Long-Term Calorie Restriction Enhances Cellular Quality-Control Processes in Human Skeletal Muscle. *Cell Reports*, **2016**, 14, 422-428	10.6	94
15	METABOLISM. S-Nitrosylation links obesity-associated inflammation to endoplasmic reticulum dysfunction. *Science*, **2015**, 349, 500-6	33.3	146
14	Research on acupuncture-moxibustion for dry eye syndrome. *Journal of Acupuncture and Tuina Science*, **2013**, 11, 72-78	0.4	2
13	Selected study on Zhao Cui-ying's moxibustion methods. *Journal of Acupuncture and Tuina Science*, **2013**, 11, 1-6	0.4	1
12	The role of adipocyte XBP1 in metabolic regulation during lactation. *Cell Reports*, **2013**, 3, 1430-9	10.6	50
11	Stamp2 controls macrophage inflammation through nicotinamide adenine dinucleotide phosphate homeostasis and protects against atherosclerosis. *Cell Metabolism*, **2012**, 16, 81-9	24.6	29
10	Traditional Chinese acupuncture and acupuncture microsystems. *Journal of Acupuncture and Tuina Science*, **2012**, 10, 231-234	0.4	
9	Flash acupuncture: A time-related acupuncture method with magnetic platelets. *Journal of Acupuncture and Tuina Science*, **2012**, 10, 54-57	0.4	1
8	Aberrant lipid metabolism disrupts calcium homeostasis causing liver endoplasmic reticulum stress in obesity. *Nature*, **2011**, 473, 528-31	50.4	687
7	Tauroursodeoxycholic Acid may improve liver and muscle but not adipose tissue insulin sensitivity in obese men and women. *Diabetes*, **2010**, 59, 1899-905	0.9	293
6	Defective hepatic autophagy in obesity promotes ER stress and causes insulin resistance. *Cell Metabolism*, **2010**, 11, 467-78	24.6	909
5	Magnetism and acupuncture. *Journal of Acupuncture and Tuina Science*, **2010**, 8, 123-129	0.4	2
4	Endoplasmic reticulum stress is reduced in tissues of obese subjects after weight loss. *Diabetes*, **2009**, 58, 693-700	0.9	355

3	Stressing the brain, fattening the body. *Cell*, **2008**, 135, 20-2	56.2	27
2	A novel role for Bcl-2 associated-athanogene-1 (Bag-1) in regulation of the endoplasmic reticulum stress response in mammalian chondrocytes. *Journal of Cellular Biochemistry*, **2007**, 102, 786-800	4.7	21
1	Multiple signals induce endoplasmic reticulum stress in both primary and immortalized chondrocytes resulting in loss of differentiation, impaired cell growth, and apoptosis. *Journal of Biological Chemistry*, **2005**, 280, 31156-65	5.4	83