

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Defective hepatic autophagy in obesity promotes ER stress and causes insulin resistance. <i>Cell Metabolism</i> , 2010 , 11, 467-78	24.6	909
73	Aberrant lipid metabolism disrupts calcium homeostasis causing liver endoplasmic reticulum stress in obesity. <i>Nature</i> , 2011 , 473, 528-31	50.4	687
72	Endoplasmic reticulum stress is reduced in tissues of obese subjects after weight loss. <i>Diabetes</i> , 2009 , 58, 693-700	0.9	355
71	Tauroursodeoxycholic Acid may improve liver and muscle but not adipose tissue insulin sensitivity in obese men and women. <i>Diabetes</i> , 2010 , 59, 1899-905	0.9	293
70	Human carboxylesterases: a comprehensive review. <i>Acta Pharmaceutica Sinica B</i> , 2018 , 8, 699-712	15.5	187
69	METABOLISM. S-Nitrosylation links obesity-associated inflammation to endoplasmic reticulum dysfunction. <i>Science</i> , 2015 , 349, 500-6	33.3	146
68	Long-Term Calorie Restriction Enhances Cellular Quality-Control Processes in Human Skeletal Muscle. <i>Cell Reports</i> , 2016 , 14, 422-428	10.6	94
67	Multiple signals induce endoplasmic reticulum stress in both primary and immortalized chondrocytes resulting in loss of differentiation, impaired cell growth, and apoptosis. <i>Journal of Biological Chemistry</i> , 2005 , 280, 31156-65	5.4	83
66	Recent progress in the discovery of natural inhibitors against human carboxylesterases. <i>Floterap</i> , 2017 , 117, 84-95	3.2	57
65	IRE1 β prevents hepatic steatosis by processing and promoting the degradation of select microRNAs. <i>Science Signaling</i> , 2018 , 11,	8.8	54
64	Carboxylesterase Inhibitors: An Update. <i>Current Medicinal Chemistry</i> , 2018 , 25, 1627-1649	4.3	52
63	The role of adipocyte XBP1 in metabolic regulation during lactation. <i>Cell Reports</i> , 2013 , 3, 1430-9	10.6	50
62	-Nitrosogluthione Reductase Dysfunction Contributes to Obesity-Associated Hepatic Insulin Resistance via Regulating Autophagy. <i>Diabetes</i> , 2018 , 67, 193-207	0.9	40
61	Recent progress and challenges in screening and characterization of UGT1A1 inhibitors. <i>Acta Pharmaceutica Sinica B</i> , 2019 , 9, 258-278	15.5	39
60	A highly specific ratiometric two-photon fluorescent probe to detect dipeptidyl peptidase IV in plasma and living systems. <i>Biosensors and Bioelectronics</i> , 2017 , 90, 283-289	11.8	38
59	Structure-activity relationships of flavonoids as natural inhibitors against E. coli β -glucuronidase. <i>Food and Chemical Toxicology</i> , 2017 , 109, 975-983	4.7	31
58	Systems Pharmacology Dissection of Multi-Scale Mechanisms of Action of Formula for the Treatment of Gastrointestinal Diseases. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1448	5.6	30

57	A Practical and High-Affinity Fluorescent Probe for Uridine Diphosphate Glucuronosyltransferase 1A1: A Good Surrogate for Bilirubin. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 9664-9675	8.3	30
56	Stamp2 controls macrophage inflammation through nicotinamide adenine dinucleotide phosphate homeostasis and protects against atherosclerosis. <i>Cell Metabolism</i> , 2012 , 16, 81-9	24.6	29
55	A novel substrate-inspired fluorescent probe to monitor native albumin in human plasma and living cells. <i>Analytica Chimica Acta</i> , 2017 , 989, 71-79	6.6	27
54	Stressing the brain, fattening the body. <i>Cell</i> , 2008 , 135, 20-2	56.2	27
53	The unfolded protein response regulates hepatic autophagy by sXBP1-mediated activation of TFEB. <i>Autophagy</i> , 2021 , 17, 1841-1855	10.2	24
52	An Optimized Two-Photon Fluorescent Probe for Biological Sensing and Imaging of Catechol-O-Methyltransferase. <i>Chemistry - A European Journal</i> , 2017 , 23, 10800-10807	4.8	23
51	Amentoflavone is a potent broad-spectrum inhibitor of human UDP-glucuronosyltransferases. <i>Chemico-Biological Interactions</i> , 2018 , 284, 48-55	5	23
50	Chemical Probes for Human UDP-Glucuronosyltransferases: A Comprehensive Review. <i>Biotechnology Journal</i> , 2019 , 14, e1800002	5.6	23
49	A novel role for Bcl-2 associated-athanogene-1 (Bag-1) in regulation of the endoplasmic reticulum stress response in mammalian chondrocytes. <i>Journal of Cellular Biochemistry</i> , 2007 , 102, 786-800	4.7	21
48	Real-Time Tracking the Synthesis and Degradation of Albumin in Complex Biological Systems with a near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , 2017 , 89, 9884-9891	7.8	20
47	Inhibition of pancreatic lipase by the constituents in St. John's Wort: In vitro and in silico investigations. <i>International Journal of Biological Macromolecules</i> , 2020 , 145, 620-633	7.9	19
46	Inhibition of drug-metabolizing enzymes by Qingfei Paidu decoction: Implication of herb-drug interactions in COVID-19 pharmacotherapy. <i>Food and Chemical Toxicology</i> , 2021 , 149, 111998	4.7	18
45	A Naturally Occurring Isoform-Specific Probe for Highly Selective and Sensitive Detection of Human Cytochrome P450 3A5. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 3804-3813	8.3	17
44	Autophagy in liver diseases: A review. <i>Molecular Aspects of Medicine</i> , 2021 , 82, 100973	16.7	15
43	Guidance for the clinical evaluation of traditional Chinese medicine-induced liver injury Issued by China Food and Drug Administration. <i>Acta Pharmaceutica Sinica B</i> , 2019 , 9, 648-658	15.5	12
42	Bioluminescent Sensor Reveals that Carboxylesterase 1A is a Novel Endoplasmic Reticulum-Derived Serologic Indicator for Hepatocyte Injury. <i>ACS Sensors</i> , 2020 , 5, 1987-1995	9.2	11
41	Mechanism Exploration of Arylpiperazine Derivatives Targeting the 5-HT Receptor by In Silico Methods. <i>Molecules</i> , 2017 , 22,	4.8	11
40	Induction of CYP1A1 increases gefitinib-induced oxidative stress and apoptosis in A549 cells. <i>Toxicology in Vitro</i> , 2017 , 44, 36-43	3.6	10

39	Discovery of natural pentacyclic triterpenoids as potent and selective inhibitors against human carboxylesterase 1. <i>Fluorop</i> 2019 , 137, 104199	3.2	10
38	Anthraquinones from Cassiae semen as thrombin inhibitors: in vitro and in silico studies. <i>Phytochemistry</i> , 2019 , 165, 112025	4	10
37	Hepatic Lysosomal iNOS Activity Impairs Autophagy in Obesity. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019 , 8, 95-110	7.9	10
36	Comparative metabolism of DDAO benzoate in liver microsomes from various species. <i>Toxicology in Vitro</i> , 2017 , 44, 280-286	3.6	10
35	Literature data based systems pharmacology uncovers the essence of "body fire" in traditional Chinese medicine: A case by Huang-Lian-Jie-Du-Tang. <i>Journal of Ethnopharmacology</i> , 2019 , 237, 266-285 ⁵		9
34	Inhibition of pancreatic lipase by environmental xenoestrogens. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 192, 110305	7	9
33	Construction and application of a high-content analysis for identifying human carboxylesterase 2 inhibitors in living cell system. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 2645-2654	4.4	8
32	Cryptotanshinone alleviates polycystic ovary syndrome in rats by regulating the HMGB1/TLR4/NF- κ B signaling pathway. <i>Molecular Medicine Reports</i> , 2020 , 22, 3851-3861	2.9	8
31	In vitro phase I metabolism of gamabufotalin and arenobufagin: Reveal the effect of substituent group on metabolic stability. <i>Fluorop</i> 2017 , 121, 38-45	3.2	6
30	Cytochrome P450 3A Enzymes Are Key Contributors for Hepatic Metabolism of Bufotalin, a Natural Constituent in Chinese Medicine Chansu. <i>Frontiers in Pharmacology</i> , 2019 , 10, 52	5.6	5
29	Impact of Drug Metabolism/Pharmacokinetics and their Relevance Upon Taxus-based Drug Development. <i>Current Drug Metabolism</i> , 2018 , 19, 930-959	3.5	5
28	Theophylline Acetaldehyde as the Initial Product in Doxophylline Metabolism in Human Liver. <i>Drug Metabolism and Disposition</i> , 2020 , 48, 345-352	4	4
27	Interspecies Variation in NCMNDemethylation in Liver Microsomes from Various Species. <i>Molecules</i> , 2019 , 24,	4.8	4
26	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. <i>Chinese Journal of Natural Medicines</i> , 2021 , 19, 305-320	2.8	4
25	Inhibition of human carboxylesterases by ginsenosides: structure-activity relationships and inhibitory mechanism. <i>Chinese Medicine</i> , 2019 , 14, 56	4.7	4
24	In silico profiling the interaction mechanism of 2,5-diketopiperazine derivatives as oxytocin antagonists. <i>Journal of Molecular Graphics and Modelling</i> , 2019 , 89, 178-191	2.8	3
23	Discovery and characterization of flavonoids in vine tea as catechol-O-methyltransferase inhibitors. <i>Fluorop</i> 2021 , 152, 104913	3.2	3
22	A putative long noncoding RNA-encoded micropeptide maintains cellular homeostasis in pancreatic β cells. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 26, 307-320	10.7	3

21	Development and validation of a UPLC-MS/MS method for quantification of doxofylline and its metabolites in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 174, 220-225	3.5	2
20	Rapid bioluminescence assay for monitoring rat CES1 activity and its alteration by traditional Chinese medicines. <i>Journal of Pharmaceutical Analysis</i> , 2020 , 10, 253-262	14	2
19	Research on acupuncture-moxibustion for dry eye syndrome. <i>Journal of Acupuncture and Tuina Science</i> , 2013 , 11, 72-78	0.4	2
18	Magnetism and acupuncture. <i>Journal of Acupuncture and Tuina Science</i> , 2010 , 8, 123-129	0.4	2
17	Comprehensive identification of micropeptides encoded by long noncoding RNAs in human tissues. <i>FASEB Journal</i> , 2019 , 33, 714.1	0.9	2
16	Analytical methodologies for sensing catechol--methyltransferase activity and their applications. <i>Journal of Pharmaceutical Analysis</i> , 2021 , 11, 15-27	14	2
15	Trehalose activates hepatic transcription factor EB (TFEB) but fails to ameliorate alcohol-impaired TFEB and liver injury in mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2021 , 45, 1950-1964	3.7	2
14	Selected study on Zhao Cui-ying's moxibustion methods. <i>Journal of Acupuncture and Tuina Science</i> , 2013 , 11, 1-6	0.4	1
13	Flash acupuncture: A time-related acupuncture method with magnetic platelets. <i>Journal of Acupuncture and Tuina Science</i> , 2012 , 10, 54-57	0.4	1
12	ADH5-mediated NO bioactivity maintains metabolic homeostasis in brown adipose tissue. <i>Cell Reports</i> , 2021 , 37, 110003	10.6	1
11	Sensing and imaging of exosomal CD26 secreted from cancer cells and 3D colorectal tumor model using a novel near-infrared fluorogenic probe. <i>Materials Science and Engineering C</i> , 2021 , 130, 112472	8.3	1
10	Loss of acinar cell VAMP1 triggers spontaneous pancreatitis in mice. <i>Autophagy</i> , 2021 , 1-11	10.2	1
9	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. <i>PLoS ONE</i> , 2021 , 16, e0252334	3.7	1
8	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 colitis. <i>Journal of Traditional Chinese Medicine</i> , 2021 , 41, 479-485	1.1	1
7	Inhibition of human cytochrome P450 2A6 by 7-hydroxycoumarin analogues: Analysis of the structure-activity relationship and isoform selectivity. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 136, 104944	5.1	0
6	Discovery of triterpenoids as potent dual inhibitors of pancreatic lipase and human carboxylesterase 1.. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 629-640	5.6	0
5	Fibroblast activation protein alpha: Comprehensive detection methods for drug target and tumor marker.. <i>Chemico-Biological Interactions</i> , 2022 , 354, 109830	5	0
4	Inhibition of catechol--methyltransferase by natural pentacyclic triterpenes: structure-activity relationships and kinetic mechanism. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 1075-1087	5.6	0

- 3 ER Stress and Autophagy in Obesity and Nonalcoholic Fatty Liver Disease. *Current Pathobiology Reports*, **2017**, 5, 289-299 2
- 2 Traditional Chinese acupuncture and acupuncture microsystems. *Journal of Acupuncture and Tuina Science*, **2012**, 10, 231-234 0.4
- 1 Autophagy in the liver **2022**, 161-179