

Wen Tan

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8268985/wen-tan-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

66
papers

1,017
citations

15
h-index

30
g-index

68
ext. papers

1,253
ext. citations

4.7
avg, IF

4.45
L-index

#	Paper	IF	Citations
66	Oligonucleotide aptamers: new tools for targeted cancer therapy. <i>Molecular Therapy - Nucleic Acids</i> , 2014 , 3, e182	10.7	349
65	Design, synthesis, biological evaluation, and molecular modeling studies of chalcone-rivastigmine hybrids as cholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 360-371	3.4	41
64	Multicenter randomized phase 2 clinical trial of a recombinant human endostatin adenovirus in patients with advanced head and neck carcinoma. <i>Molecular Therapy</i> , 2014 , 22, 1221-1229	11.7	30
63	Structure Activity Related, Mechanistic, and Modeling Studies of Gallotannins containing a Glucitol-Core and -Glucosidase. <i>RSC Advances</i> , 2015 , 5, 107904-107915	3.7	29
62	Isosteviol Sodium Protects Against Permanent Cerebral Ischemia Injury in Mice via Inhibition of NF- κ B-Mediated Inflammatory and Apoptotic Responses. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, 2603-2614	2.8	28
61	Comparative Analysis of Immune Repertoires between Bactrian Camel's Conventional and Heavy-Chain Antibodies. <i>PLoS ONE</i> , 2016 , 11, e0161801	3.7	27
60	Isosteviol ameliorates diabetic cardiomyopathy in rats by inhibiting ERK and NF- κ B signaling pathways. <i>Journal of Endocrinology</i> , 2018 , 238, 47-60	4.7	26
59	The mechanisms of flavonoids inhibiting conformational transition of amyloid- β 2 monomer: a comparative molecular dynamics simulation study. <i>RSC Advances</i> , 2015 , 5, 66391-66402	3.7	25
58	Isosteviol Sodium Protects against Ischemic Stroke by Modulating Microglia/Macrophage Polarization via Disruption of GAS5/miR-146a-5p sponge. <i>Scientific Reports</i> , 2019 , 9, 12221	4.9	25
57	Neuroprotective Effects of Isosteviol Sodium Injection on Acute Focal Cerebral Ischemia in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 1379162	6.7	23
56	Combined Delivery of Let-7b MicroRNA and Paclitaxel via Biodegradable Nanoassemblies for the Treatment of KRAS Mutant Cancer. <i>Molecular Pharmaceutics</i> , 2016 , 13, 520-33	5.6	20
55	A sensitive LC-MS/MS method for simultaneous determination of R-bambuterol and its active metabolite R-terbutaline in human plasma and urine with application to a clinical pharmacokinetic study. <i>Biomedical Chromatography</i> , 2014 , 28, 994-1002	1.7	19
54	Untargeted lipidomics reveals progression of early Alzheimer's disease in APP/PS1 transgenic mice. <i>Scientific Reports</i> , 2020 , 10, 14509	4.9	17
53	Protective role of STVNa in myocardial ischemia reperfusion injury by inhibiting mitochondrial fission. <i>Oncotarget</i> , 2018 , 9, 1898-1905	3.3	16
52	Neuroprotective effects of isosteviol sodium through increasing CYLD by the downregulation of miRNA-181b. <i>Brain Research Bulletin</i> , 2018 , 140, 392-401	3.9	16
51	Stereoselective inhibition of human butyrylcholinesterase by the enantiomers of bambuterol and their intermediates. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 344-52	4	15
50	Design, synthesis and biological evaluation of novel carbamates as potential inhibitors of acetylcholinesterase and butyrylcholinesterase. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115324	3.4	15

49	Study on the determination and chiral inversion of R-salbutamol in human plasma and urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 1002, 218-27	3.2	14
48	An aerosol formulation of R-salbutamol sulfate for pulmonary inhalation. <i>Acta Pharmaceutica Sinica B</i> , 2014 , 4, 79-85	15.5	14
47	Design, synthesis and biological evaluation of bambuterol analogues as novel inhibitors of butyrylcholinesterase. <i>European Journal of Medicinal Chemistry</i> , 2017 , 126, 61-71	6.8	14
46	Effects of Temperature and Humidity on Laser Diffraction Measurements to Jet Nebulizer and Comparison with NGI. <i>AAPS PharmSciTech</i> , 2016 , 17, 380-8	3.9	13
45	Effect of (R)-salbutamol on the switch of phenotype and metabolic pattern in LPS-induced macrophage cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 722-736	5.6	12
44	Alterations in NO/ROS ratio and expression of Trx1 and Prdx2 in isoproterenol-induced cardiac hypertrophy. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017 , 49, 1022-1028	2.8	11
43	Chiral analysis of bambuterol, its intermediate and active drug in human plasma by liquid chromatography-tandem mass spectrometry: Application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 997, 38-44	3.2	11
42	RADER: a RAPid DEcoy Retriever to facilitate decoy based assessment of virtual screening. <i>Bioinformatics</i> , 2017 , 33, 1235-1237	7.2	11
41	Isosteviol Sodium Protects Neural Cells Against Hypoxia-Induced Apoptosis Through Inhibiting MAPK and NF- κ B Pathways. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019 , 28, 175-184	2.8	11
40	Isosteviol prevents the prolongation of action potential in hypertrophied cardiomyocytes by regulating transient outward potassium and L-type calcium channels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017 , 1859, 1872-1879	3.8	10
39	STVNa Attenuates Isoproterenol-Induced Cardiac Hypertrophy Response through the HDAC4 and Prdx2/ROS/Trx1 Pathways. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
38	Simultaneous determination of bambuterol and its two major metabolites in human plasma by hydrophilic interaction ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 967, 225-34	3.2	9
37	Enantioselective analysis of bambuterol in human plasma using microwave-assisted chiral derivatization coupled with ultra high performance liquid chromatography and tandem mass spectrometry. <i>Journal of Separation Science</i> , 2017 , 40, 2779-2790	3.4	8
36	Inhibition of rapid delayed rectifier potassium current (I) by ischemia/reperfusion and its recovery by vitamin E in ventricular myocytes. <i>Journal of Electrocardiology</i> , 2017 , 50, 437-443	1.4	8
35	Isosteviol prevents the development of isoprenaline-induced myocardial hypertrophy. <i>International Journal of Molecular Medicine</i> , 2019 , 44, 1932-1942	4.4	8
34	Effects of flow pattern, device and formulation on particle size distribution of nebulized aerosol. <i>International Journal of Pharmaceutics</i> , 2019 , 560, 35-46	6.5	8
33	STVNa attenuates right ventricle hypertrophy and pulmonary artery remodeling in rats induced by transverse aortic constriction. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 101, 371-378	7.5	8
32	Chemical fragment-based CDK4/6 inhibitors prediction and web server. <i>RSC Advances</i> , 2016 , 6, 16972-16981	3.1	8

31	Attenuation of ischemia/reperfusion-induced inhibition of the rapid component of delayed rectifier potassium current by Isosteviol through scavenging reactive oxygen species. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017 , 1859, 2447-2453	3.8	8
30	Isosteviol Sensitizes sarcKATP Channels towards Pinacidil and Potentiates Mitochondrial Uncoupling of Diazoxide in Guinea Pig Ventricular Myocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 6362812	6.7	8
29	(R)-Salbutamol Improves Imiquimod-Induced Psoriasis-Like Skin Dermatitis by Regulating the Th17/Tregs Balance and Glycerophospholipid Metabolism. <i>Cells</i> , 2020 , 9,	7.9	7
28	Development of a liquid formulation of poorly water-soluble isosteviol sodium using the co-solvent technology. <i>Pharmaceutical Development and Technology</i> , 2017 , 22, 275-282	3.4	7
27	Proteomic analysis of cellular soluble proteins from human bronchial smooth muscle cells by combining nondenaturing micro 2DE and quantitative LC-MS/MS. 2. Similarity search between protein maps for the analysis of protein complexes. <i>Electrophoresis</i> , 2015 , 36, 1991-2001	3.6	7
26	Protective effect of isosteviol sodium against LPS-induced multiple organ injury by regulating of glycerophospholipid metabolism and reducing macrophage-driven inflammation. <i>Pharmacological Research</i> , 2021 , 172, 105781	10.2	7
25	A new method to characterize the kinetics of cholinesterases inhibited by carbamates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 144, 175-182	3.5	6
24	Proteomic analysis of cellular soluble proteins from human bronchial smooth muscle cells by combining nondenaturing micro 2DE and quantitative LC-MS/MS. 1. Preparation of more than 4000 native protein maps. <i>Electrophoresis</i> , 2015 , 36, 1711-23	3.6	6
23	The investigation of protective effects of isosteviol sodium on cerebral ischemia by metabolomics approach using ultra-high-performance liquid chromatography coupled with quadrupole time-of-flight tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2018 , 32, e4350	1.7	5
22	Comparison of the performance of inhalation nebulizer solution and suspension delivered with active and passive vibrating-mesh device. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 55, 101353	4.5	5
21	Brain Lipid Dynamics in Amyloid Precursor Protein/Presenilin 1 Mouse Model of Early Alzheimer's Disease by Desorption Electrospray Ionization and Matrix Assisted Laser Desorption Ionization-Mass Spectrometry Imaging Techniques. <i>Journal of Proteome Research</i> , 2021 , 20, 2643-2650	5.6	5
20	Analysis of low-density lipoprotein-associated proteins using the method of digitized native protein mapping. <i>Electrophoresis</i> , 2016 , 37, 2063-74	3.6	5
19	Aerosol Characteristics and Physico-Chemical Compatibility of Combivent (Containing Salbutamol and Ipratropium Bromide) Mixed with Three Other Inhalants: Budesonide, Beclomethasone or N-Acetylcysteine. <i>Pharmaceutics</i> , 2020 , 12,	6.4	4
18	R- and S-terbutaline activate large conductance and Ca dependent K (BK) channel through interacting with β and M receptor respectively. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 2745-2752	3.8	4
17	Comparative pharmacokinetics and bile transformation of R-enantiomer and racemic bambuterol after single-dose intravenous, oral administration in rats and beagle dogs. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2015 , 40, 453-60	2.7	3
16	Resolution of Rac-Bambuterol via Diastereoisomeric Salt Formation with o-Chloromandelic Acid and Differences in the Enantiomers' Pharmacodynamical Effects in Guinea Pigs and Beagles. <i>Chirality</i> , 2016 , 28, 306-12	2.1	3
15	Molecular cloning and characterization of an atypical butyrylcholinesterase-like protein in zebrafish. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021 , 255, 110590	2.3	3
14	Sirt3 increases CNPase enzymatic activity through deacetylation and facilitating substrate accessibility. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 571, 181-187	3.4	3

13	Spatial Distribution of (R)-salbutamol in Rat Brain Following Nasal and Intravenous Administration Using DESI-MS. <i>Pharmaceutics</i> , 2020 , 12,	6.4	2
12	Study of pH Stability of R-Salbutamol Sulfate Aerosol Solution and Its Antiasthmatic Effects in Guinea Pigs. <i>Biological and Pharmaceutical Bulletin</i> , 2017 , 40, 1374-1380	2.3	2
11	Hepatocellular BChE as a therapeutic target to ameliorate hypercholesterolemia through PRMT5 selective degradation to restore LDL receptor transcription.. <i>Life Sciences</i> , 2022 , 293, 120336	6.8	2
10	Quantitative estimation of cholinesterase-specific drug metabolism of carbamate inhibitors provided by the analysis of the area under the inhibition-time curve. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 144, 167-174	3.5	1
9	The Lipid-lowering Effects of R-bambuterol in Healthy Chinese Volunteers: A Randomized Phase I Clinical Study. <i>EBioMedicine</i> , 2015 , 2, 356-64	8.8	1
8	Isosteviol Sodium Ameliorates Dextran Sodium Sulfate-Induced Chronic Colitis through the Regulation of Metabolic Profiling, Macrophage Polarization, and NF-B Pathway.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 4636618	6.7	1
7	The Attenuation of Chronic Ulcerative Colitis by (R)-salbutamol in Repeated DSS-Induced Mice.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 9318721	6.7	1
6	In vivo metabolism study of (R)-bambuterol in humans using ultra high performance liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016 , 39, 2896-906	3.4	1
5	Isosteviol Sodium Exerts Anti-Colitic Effects on BALB/c Mice with Dextran Sodium Sulfate-Induced Colitis Through Metabolic Reprogramming and Immune Response Modulation.. <i>Journal of Inflammation Research</i> , 2021 , 14, 7107-7130	4.8	0
4	(RS)-bambuterol and its enantiomers: Potential improvement of (R)-bambuterol in mice with colitis.. <i>International Immunopharmacology</i> , 2021 , 103, 108501	5.8	
3	Global mapping of rat plasma proteins with a native proteomic approach using nondenaturing micro 2DE and quantitative LC-MS/MS. <i>Electrophoresis</i> , 2016 , 37, 3126-3136	3.6	
2	Therapeutic evaluation and metabolic reprogramming of isosteviol sodium in a rat model of ischemic cardiomyopathy. <i>European Journal of Pharmacology</i> , 2021 , 911, 174539	5.3	
1	Quantitative DESI mass spectrometry imaging of lung distribution of inhaled drug. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102794	4.5	