

Dai-Yin Peng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6574998/publications.pdf>

Version: 2024-02-01

80
papers

1,562
citations

331670

21
h-index

414414

32
g-index

108
all docs

108
docs citations

108
times ranked

1702
citing authors

#	ARTICLE	IF	CITATIONS
1	Polygonatum sibiricum polysaccharide prevents depression-like behaviors by reducing oxidative stress, inflammation, and cellular and synaptic damage. <i>Journal of Ethnopharmacology</i> , 2021, 275, 114164.	4.1	75
2	Comparative study on arsenate removal mechanism of MgO and MgO/TiO ₂ composites: FTIR and XPS analysis. <i>New Journal of Chemistry</i> , 2016, 40, 2878-2885.	2.8	74
3	A novel glyceryl monoolein-bearing cubosomes for gambogic acid: Preparation, cytotoxicity and intracellular uptake. <i>International Journal of Pharmaceutics</i> , 2015, 493, 30-39.	5.2	71
4	Layer-by-layer assembly of chitosan stabilized multilayered liposomes for paclitaxel delivery. <i>Carbohydrate Polymers</i> , 2014, 111, 298-304.	10.2	60
5	Structural features and anti-gastric cancer activity of polysaccharides from stem, root, leaf and flower of cultivated <i>Dendrobium huoshanense</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 143, 651-664.	7.5	58
6	Solid lipid nanoparticles as delivery systems for Gambogic acid. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 391-397.	5.0	52
7	A method for extracting high-quality total RNA from plant rich in polysaccharides and polyphenols using <i>Dendrobium huoshanense</i> . <i>PLoS ONE</i> , 2018, 13, e0196592.	2.5	50
8	Structural characterization and hepatoprotective activity of a galactoglucan from <i>Poria cocos</i> . <i>Carbohydrate Polymers</i> , 2021, 263, 117979.	10.2	50
9	Polysaccharides from <i>Dendrobium huoshanense</i> stems alleviates lung inflammation in cigarette smoke-induced mice. <i>Carbohydrate Polymers</i> , 2018, 189, 289-295.	10.2	49
10	PEGylated non-ionic surfactant vesicles as drug delivery systems for Gambogic acid. <i>Drug Delivery</i> , 2013, 20, 277-284.	5.7	39
11	Taohong Siwu Decoction Ameliorates Ischemic Stroke Injury Via Suppressing Pyroptosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 590453.	3.5	38
12	The difference of origin and extraction method significantly affects the intrinsic quality of licorice: A new method for quality evaluation of homologous materials of medicine and food. <i>Food Chemistry</i> , 2021, 340, 127907.	8.2	35
13	The Biogenesis, Biological Functions, and Applications of Macrophage-Derived Exosomes. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 715461.	3.5	30
14	PEGylated niosomes-mediated drug delivery systems for Paeonol: preparation, pharmacokinetics studies and synergistic anti-tumor effects with 5-FU. <i>Journal of Liposome Research</i> , 2017, 27, 161-170.	3.3	29
15	UPLC/MS-based untargeted metabolomics reveals the changes of metabolites profile of <i>Salvia miltiorrhiza bunge</i> during Sweating processing. <i>Scientific Reports</i> , 2020, 10, 19524.	3.3	28
16	Gambogic acid grafted low molecular weight heparin micelles for targeted treatment in a hepatocellular carcinoma model with an enhanced anti-angiogenesis effect. <i>International Journal of Pharmaceutics</i> , 2017, 522, 110-118.	5.2	27
17	Polysaccharides from <i>Polygonatum cyrtoneuma</i> Hua Reduce Depression-Like Behavior in Mice by Inhibiting Oxidative Stress-Calpain-1-NLRP3 Signaling Axis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	4.0	27
18	MicroRNA-145: a promising biomarker for hepatocellular carcinoma (HCC). <i>Gene</i> , 2014, 541, 67-68.	2.2	26

#	ARTICLE	IF	CITATIONS
19	Exploration of the potential mechanism of the Tao Hong Si Wu Decoction for the treatment of postpartum blood stasis based on network pharmacology and in vivo experimental verification. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113641.	4.1	26
20	<i>Dendrobium huoshanense</i> stem polysaccharide ameliorates rheumatoid arthritis in mice via inhibition of inflammatory signaling pathways. <i>Carbohydrate Polymers</i> , 2021, 258, 117657.	10.2	26
21	Putative genes in alkaloid biosynthesis identified in <i>Dendrobium officinale</i> by correlating the contents of major bioactive metabolites with genes expression between Protocorm-like bodies and leaves. <i>BMC Genomics</i> , 2021, 22, 579.	2.8	26
22	Amphiphilic Block Copolymer Poly (Acrylic Acid)-B-Polycaprolactone as a Novel pH-sensitive Nanocarrier for Anti-Cancer Drugs Delivery: In-vitro and In-vivo Evaluation. <i>Polymers</i> , 2019, 11, 820.	4.5	24
23	Identification and functional analysis of circular RNAs induced in rats by middle cerebral artery occlusion. <i>Gene</i> , 2019, 701, 139-145.	2.2	23
24	Analysis of the active components and metabolites of Taohong Siwu decoction by using ultra high performance liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 4131-4147.	2.5	23
25	UPLC-Q-TOF-MS Study of the Mechanism of THSWD for Breast Cancer Treatment. <i>Frontiers in Pharmacology</i> , 2019, 10, 1625.	3.5	23
26	Time Interval of Two Injections and First-Dose Dependent of Accelerated Blood Clearance Phenomenon Induced by PEGylated Liposomal Gambogenic Acid: The Contribution of PEG-Specific IgM. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 641-651.	3.3	22
27	Acidity and Glutathione Dual-Responsive Polydopamine-Coated Organic-Inorganic Hybrid Hollow Mesoporous Silica Nanoparticles for Controlled Drug Delivery. <i>ChemMedChem</i> , 2020, 15, 1940-1946.	3.2	22
28	Co-delivery of gambogenic acid and VEGF-siRNA with anionic liposome and polyethylenimine complexes to HepG2 cells. <i>Journal of Liposome Research</i> , 2019, 29, 322-331.	3.3	21
29	Network pharmacology and experimental validation-based approach to understand the effect and mechanism of Taohong Siwu Decoction against ischemic stroke. <i>Journal of Ethnopharmacology</i> , 2022, 294, 115339.	4.1	21
30	Protective Effects of Tao-Hong-Si-Wu Decoction on Memory Impairment and Hippocampal Damage in Animal Model of Vascular Dementia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-12.	1.2	20
31	Protective Effect of Taohong Siwu Decoction on Abnormal Uterine Bleeding Induced by Incomplete Medical Abortion in Rats during Early Pregnancy. <i>Chemical and Pharmaceutical Bulletin</i> , 2018, 66, 708-713.	1.3	19
32	The difference between blood-associated and water-associated herbs of Danggui-Shaoyao San in theory of TCM, based on serum pharmacology. <i>Biomedical Chromatography</i> , 2016, 30, 579-587.	1.7	18
33	Transcriptome analysis identifies putative genes involved in triterpenoid biosynthesis in <i>Platycodon grandiflorus</i> . <i>Planta</i> , 2021, 254, 34.	3.2	18
34	Determination and analysis of monosaccharides in <i>Polygonatum cyrtoneura</i> polysaccharides from different areas by ultra-high performance liquid chromatography quadrupole trap tandem mass spectrometry. <i>Journal of Separation Science</i> , 2021, 44, 3506-3515.	2.5	18
35	Comparison of the chromatographic fingerprint, multicomponent quantitation and antioxidant activity of <i>Salvia miltiorrhiza</i> Bge. between sweating and nonsweating. <i>Biomedical Chromatography</i> , 2018, 32, e4203.	1.7	17
36	High Throughput mRNA Sequencing Reveals Potential Therapeutic Targets of Tao-Hong-Si-Wu Decoction in Experimental Middle Cerebral Artery Occlusion. <i>Frontiers in Pharmacology</i> , 2018, 9, 1570.	3.5	17

#	ARTICLE	IF	CITATIONS
37	Deciphering the intervention mechanism of Taohong Siwu Decoction following the abnormal uterine bleeding rats based on serum metabolic profiles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 204-214.	2.8	17
38	New bisesquiterpenoid lactone from the wild rhizome of <i>Atractylodes macrocephala</i> Koidz grown in Qimen. <i>Natural Product Research</i> , 2017, 31, 2381-2386.	1.8	15
39	Protective effect of <i>Clinopodium chinense</i> (Benth.) O. Kuntze against abnormal uterine bleeding in female rats. <i>Journal of Pharmacological Sciences</i> , 2020, 143, 1-8.	2.5	15
40	Rapid identification of growth years and profiling of bioactive ingredients in <i>Astragalus membranaceus</i> var. <i>mongholicus</i> (Huangqi) roots from Hunyuan, Shanxi. <i>Chinese Medicine</i> , 2017, 12, 14.	4.0	14
41	Long circulation nanostructured lipid carriers for gambogenic acid: formulation design, characterization, and pharmacokinetic. <i>Xenobiotica</i> , 2017, 47, 793-799.	1.1	14
42	Effect of Naoluoxintong on the NogoA/RhoA/ROCK pathway by down-regulating DNA methylation in MCAO rats. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114559.	4.1	14
43	Emerging nanotherapeutics alleviating rheumatoid arthritis by readjusting the seeds and soils. <i>Journal of Controlled Release</i> , 2022, 345, 851-879.	9.9	14
44	Calcination-influenced interfacial structures and gas-sensing properties of multi-walled carbon nanotube-tin oxide p-n heterojunctions. <i>New Journal of Chemistry</i> , 2014, 38, 1100.	2.8	13
45	A candidate gene identified in converting platycoside E to platycodin D from <i>Platycodon grandiflorus</i> by transcriptome and main metabolites analysis. <i>Scientific Reports</i> , 2021, 11, 9810.	3.3	13
46	Multiple effects of magnesium isoglycyrrhizinate on the disposition of docetaxel in docetaxel-induced liver injury. <i>Xenobiotica</i> , 2017, 47, 290-296.	1.1	12
47	Induction of Cytochrome P450 Involved in the Accelerated Blood Clearance Phenomenon Induced by PEGylated Liposomes In Vivo. <i>Drug Metabolism and Disposition</i> , 2019, 47, 364-376.	3.3	12
48	Identification and functional analysis of microRNAs in rats following focal cerebral ischemia injury. <i>Molecular Medicine Reports</i> , 2019, 19, 4175-4184.	2.4	12
49	Chemical constituents from plant endophytic fungus <i>Alternaria alternata</i> . <i>Natural Product Research</i> , 2021, 35, 1199-1206.	1.8	12
50	Bioinformatics analysis of a long non-coding RNA and mRNA regulation network in rats with middle cerebral artery occlusion based on RNA sequencing. <i>Molecular Medicine Reports</i> , 2019, 20, 417-432.	2.4	10
51	Benzophenones from <i>Anemarrhena asphodeloides</i> Bge. Exhibit Anticancer Activity in HepG2 Cells via the NF- κ B Signaling Pathway. <i>Molecules</i> , 2019, 24, 2246.	3.8	10
52	Taohong Siwu Decoction Regulates Cell Necrosis and Neuroinflammation in the Rat Middle Cerebral Artery Occlusion Model. <i>Frontiers in Pharmacology</i> , 2021, 12, 732358.	3.5	10
53	Uterine Metabolomics Reveals Protection of Taohong Siwu Decoction Against Abnormal Uterine Bleeding. <i>Frontiers in Pharmacology</i> , 2020, 11, 507113.	3.5	9
54	Determination of monosaccharides in <i>Lycium barbarum</i> fruit polysaccharide by an efficient UHPLC-QTRAP-MS/MS method. <i>Phytochemical Analysis</i> , 2021, 32, 785-793.	2.4	9

#	ARTICLE	IF	CITATIONS
55	An UPLC - Q - Orbitrap method for pharmacokinetics and tissue distribution of four triterpenoids in rats after oral administration of <i>Poria cocos</i> ethanol extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 203, 114237.	2.8	9
56	RNA Sequencing for Gene Expression Profiles in a Rat Model of Middle Cerebral Artery Occlusion. <i>BioMed Research International</i> , 2018, 2018, 1-14.	1.9	8
57	Isolation and Characterization of Natural Nanoparticles in Naoluo Xintong Decoction and Their Brain Protection Research. <i>Molecules</i> , 2022, 27, 1511.	3.8	8
58	Tao-Hong-Si-Wu Decoction promotes angiogenesis after cerebral ischaemia in rats via platelet microparticles. <i>Chinese Journal of Natural Medicines</i> , 2020, 18, 620-627.	1.3	7
59	NMR-based metabolomics approach to study the effects of Wu-Zi-Yan-Zong-Wan on triptolide-induced oligospermia in rats. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113192.	4.1	7
60	Exploration of the Potential Mechanism of Tao Hong Si Wu Decoction for the Treatment of Breast Cancer Based on Network Pharmacology and In Vitro Experimental Verification. <i>Frontiers in Oncology</i> , 2021, 11, 731522.	2.8	7
61	Qualitative Proteome-Wide Analysis Reveals the Diverse Functions of Lysine Crotonylation in <i>Dendrobium huoshanense</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 822374.	3.6	7
62	Spectrum-effect relationship between UPLC-Q-TOF-MS fingerprint and anti-AUB effect of <i>Clinopodium chinense</i> (Benth.) O. Kuntze. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 217, 114828.	2.8	7
63	Effect of Gambogic Acid on Cytochrome P450 \hat{A} 1A2, 2B1 and 2E1, and Constitutive Androstane Receptor in Rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2018, 43, 655-664.	1.6	6
64	Determination of the species status of <i>Fallopia multiflora</i> , <i>Fallopia multiflora</i> var. <i>angulata</i> and <i>Fallopia multiflora</i> var. <i>ciliinervis</i> based on morphology, molecular phylogeny, and chemical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 406-420.	2.8	6
65	Activation of Pregnane X Receptor \hat{A} “Cytochrome P450s Axis: A Possible Reason for the Enhanced Accelerated Blood Clearance Phenomenon of PEGylated Liposomes In Vivo. <i>Drug Metabolism and Disposition</i> , 2019, 47, 785-793.	3.3	5
66	Characterization of GMPP from <i>Dendrobium huoshanense</i> yielding GDP-D-mannose. <i>Open Life Sciences</i> , 2021, 16, 102-107.	1.4	4
67	Role of Platelet Microparticles in Blood Diseases: Future Clinical Perspectives. <i>Annals of Clinical and Laboratory Science</i> , 2019, 49, 161-170.	0.2	4
68	Effect of Micronization on <i>Panax notoginseng</i> : In Vitro Dissolution and In Vivo Bioavailability Evaluations. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.	1.2	3
69	Years \hat{A} Identification mathematical model of <i>paeonia lactiflora</i> <i>pall.</i> based on the allometric \hat{A} scaling. <i>Microscopy Research and Technique</i> , 2013, 76, 201-208.	2.2	2
70	<i>Salvia miltiorrhiza</i> Bge. (Danshen) in the Treating Non-alcoholic Fatty Liver Disease Based on the Regulator of Metabolic Targets. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 842980.	2.4	2
71	Research Progress of Therapeutic Enzymes and Their Derivatives: Based on Herbal Medicinal Products in Rheumatoid Arthritis. <i>Frontiers in Pharmacology</i> , 2021, 12, 626342.	3.5	1
72	Tao-Hong Si-Wu Decoction Alleviates Cerebral Ischemic Damage in Rats by Improving Anti-oxidant and Inhibiting Apoptosis Pathway. <i>International Journal of Pharmacology</i> , 2020, 16, 214-222.	0.3	1

#	ARTICLE	IF	CITATIONS
73	New Monitoring Strategy for the Quality Control in the Processing Practice of Scutellariae Radix. <i>Current Pharmaceutical Analysis</i> , 2020, 16, 303-311.	0.6	1
74	Study of the therapeutic effects of Painong powder on ulcerative colitis and the role of Platycodonis Radix in the prescription based on pharmacodynamic, pharmacokinetic, and tissue distribution analyses. <i>Journal of Ethnopharmacology</i> , 2021, 285, 114872.	4.1	1
75	Potential Roles of Extracellular Vesicles as Diagnosis Biomarkers and Therapeutic Approaches for Cognitive Impairment in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-15.	2.6	1
76	Study on the mechanism of Wuzi-Yanzong-Wan-medicated serum interfering with the mitochondrial permeability transition pore in the GC-2 cell induced by atractyloside. <i>Chinese Journal of Natural Medicines</i> , 2022, 20, 282-289.	1.3	1
77	Naoluo Xintong Decoction in the Treatment of Ischemic Stroke: A Network Analysis of the Mechanism of Action. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	1
78	Regulative effect of Taohong Siwu decoction on extracellular matrix of endometrium in drug-induced abortion. <i>Journal of Traditional Chinese Medicine</i> , 2021, 41, 98-106.	0.2	0
79	Comparative proteomics reveals biochemical changes in <i>Salvia miltiorrhiza</i> Bunge during sweating processing. <i>Journal of Ethnopharmacology</i> , 2022, 293, 115329.	4.1	0
80	Comparison of Sweated and Non-Sweated Ethanol Extracts of <i>Salvia miltiorrhiza</i> Bge. (Danshen) Effects on Human and rat Hepatic UDP-Glucuronosyltransferase and Preclinic Herb-Drug Interaction Potential Evaluation. <i>Current Drug Metabolism</i> , 2022, 23, .	1.2	0