

Stephen Cho Wing Sze

List of Publications by Year in descending order

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78
papers

2,370
citations

218381
26
h-index

233125
45
g-index

80
all docs

80
docs citations

80
times ranked

3273
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of research on <i>Dendrobium</i> , a prized folk medicine. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1795-1803.	1.7	308
2	Herba <i>Epimedii</i> : Anti-Oxidative Properties and Its Medical Implications. <i>Molecules</i> , 2010, 15, 7861-7870.	1.7	125
3	Curcumin inhibits cell proliferation of MDA-MB-231 and BT-483 breast cancer cells mediated by down-regulation of NF κ B, cyclinD and MMP-1 transcription. <i>Phytomedicine</i> , 2009, 16, 916-922.	2.3	124
4	Evaluation of Chemical Constituents and Important Mechanism of Pharmacological Biology in <i>Dendrobium</i> Plants. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-25.	0.5	97
5	Anti-Parkinsonian drug discovery from herbal medicines: What have we got from neurotoxic models?. <i>Journal of Ethnopharmacology</i> , 2012, 139, 698-711.	2.0	93
6	Cordymin, an antifungal peptide from the medicinal fungus <i>Cordyceps militaris</i> . <i>Phytomedicine</i> , 2011, 18, 387-392.	2.3	88
7	Comparative Analysis of Caffeoylquinic Acids and Lignans in Roots and Seeds among Various Burdock (<i>Arctium lappa</i>) Genotypes with High Antioxidant Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4067-4075.	2.4	75
8	<i>Dendrobium officinale</i> polysaccharides ameliorate the abnormality of aquaporin 5, pro-inflammatory cytokines and inhibit apoptosis in the experimental Sjögren's syndrome mice. <i>International Immunopharmacology</i> , 2011, 11, 2025-2032.	1.7	67
9	Network pharmacological identification of active compounds and potential actions of Erxian decoction in alleviating menopause-related symptoms. <i>Chinese Medicine</i> , 2015, 10, 19.	1.6	65
10	Potential Targets for Treatment of Coronavirus Disease 2019 (COVID-19): A Review of Qing-Fei-Pai-Du-Tang and Its Major Herbs. <i>The American Journal of Chinese Medicine</i> , 2020, 48, 1051-1071.	1.5	63
11	Protective effects of dibenzocyclooctadiene lignans from <i>Schisandra chinensis</i> against beta-amyloid and homocysteine neurotoxicity in PC12 cells. <i>Phytotherapy Research</i> , 2011, 25, 435-443.	2.8	53
12	<i>Dendrobium candidum</i> extract increases the expression of aquaporin-5 in labial glands from patients with Sjögren's syndrome. <i>Phytomedicine</i> , 2011, 18, 194-198.	2.3	51
13	Baicalein antagonizes rotenone-induced apoptosis in dopaminergic SH-SY5Y cells related to Parkinsonism. <i>Chinese Medicine</i> , 2012, 7, 1.	1.6	47
14	Glyceollin, a soybean phytoalexin with medicinal properties. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 59-68.	1.7	46
15	A novel mechanism: Erxian Decoction, a Chinese medicine formula, for relieving menopausal syndrome. <i>Journal of Ethnopharmacology</i> , 2009, 123, 27-33.	2.0	44
16	Quality assessment of Cortex <i>Phellodendri</i> by high-performance liquid chromatography coupled with electrospray ionization mass spectrometry. <i>Biomedical Chromatography</i> , 2010, 24, 438-453.	0.8	37
17	Bioactive proteins and peptides isolated from Chinese medicines with pharmaceutical potential. <i>Chinese Medicine</i> , 2014, 9, 19.	1.6	36
18	<i>Dendrobine</i> targeting JNK stress signaling to sensitize chemotoxicity of cisplatin against non-small cell lung cancer cells in vitro and in vivo. <i>Phytomedicine</i> , 2019, 53, 18-27.	2.3	36

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19	Production of Th1- and Th2-dependent cytokines induced by the Chinese medicine herb, <i>Rhodiola algida</i> , on human peripheral blood monocytes. <i>Journal of Ethnopharmacology</i> , 2009, 123, 257-266.	2.0	35
20	Application of SCAR (sequence characterized amplified region) analysis to authenticate <i>Lycium barbarum</i> (wolfberry) and its adulterants. <i>Biotechnology and Applied Biochemistry</i> , 2008, 51, 15.	1.4	33
21	Purification and Characterization of a Laccase with Inhibitory Activity Toward HIV-1 Reverse Transcriptase and Tumor Cells from an Edible Mushroom (<i>Pleurotus cornucopiae</i>). <i>Protein and Peptide Letters</i> , 2010, 17, 1040-1047.	0.4	33
22	<i>Ficus virens</i> proanthocyanidins induced apoptosis in breast cancer cells concomitantly ameliorated 5-fluorouracil induced intestinal mucositis in rats. <i>Food and Chemical Toxicology</i> , 2017, 110, 49-61.	1.8	32
23	Polysaccharides of <i>Dendrobium officinale</i> inhibit TNF- α -induced apoptosis in A-253 cell line. <i>Inflammation Research</i> , 2013, 62, 313-324.	1.6	31
24	Proanthocyanidins from <i>Uncaria rhynchophylla</i> induced apoptosis in MDA-MB-231 breast cancer cells while enhancing cytotoxic effects of 5-fluorouracil. <i>Food and Chemical Toxicology</i> , 2017, 107, 248-260.	1.8	31
25	Treatment of Menopausal Symptoms with Er-xian Decoction: A Systematic Review. <i>The American Journal of Chinese Medicine</i> , 2008, 36, 233-244.	1.5	29
26	Therapeutic Effects of Herbal Chemicals in Traditional Chinese Medicine on Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2015, 22, 2392-2403.	1.2	29
27	Not only dopamine D2 receptors involved in Peony-Glycyrrhiza Decoction, an herbal preparation against antipsychotic-associated hyperprolactinemia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 39, 332-338.	2.5	28
28	<i>Dendrobium officinale</i> polysaccharides ameliorated pulmonary function while inhibiting mucin-5AC and stimulating aquaporin-5 expression. <i>Journal of Functional Foods</i> , 2016, 21, 359-371.	1.6	28
29	Chinese Herbal Medicine for Infertility with Anovulation: A Systematic Review. <i>Journal of Alternative and Complementary Medicine</i> , 2012, 18, 1087-1100.	2.1	25
30	Expression of aquaporin-5 in primary carcinoma and lymph node metastatic carcinoma of non-small cell lung cancer. <i>Oncology Letters</i> , 2015, 9, 2799-2804.	0.8	24
31	Steroidogenic effect of Erxian decoction for relieving menopause via the p-Akt/PKB pathway in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2017, 195, 188-195.	2.0	24
32	20(S)-protopanaxadiol and oleanolic acid ameliorate cognitive deficits in APP/PS1 transgenic mice by enhancing hippocampal neurogenesis. <i>Journal of Ginseng Research</i> , 2021, 45, 325-333.	3.0	22
33	Monoterpene derivatives from the roots of <i>Paeonia lactiflora</i> and their anti-proliferative activity. <i>FITOTERAPIA</i> , 2014, 98, 124-129.	1.1	21
34	The dual roles of calycosin in growth inhibition and metastatic progression during pancreatic cancer development: A TGF- β 2 paradox. <i>Phytomedicine</i> , 2020, 68, 153177.	2.3	21
35	Apoptosis and Anti-cancer Drug Discovery: The Power of Medicinal Fungi and Plants. <i>Current Medicinal Chemistry</i> , 2019, 25, 5613-5630.	1.2	20
36	Modulation of the gene expression of N-methyl-d-aspartate receptor NR2B subunit in the rat neostriatum by a single dose of specific antisense oligodeoxynucleotide. <i>Neurochemistry International</i> , 2001, 39, 319-327.	1.9	18

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37	An autoimmunized mouse model recapitulates key features in the pathogenesis of Sjogren's syndrome. <i>International Immunology</i> , 2011, 23, 613-624.	1.8	18
38	A Novel, Stable, Estradiol-Stimulating, Osteogenic Yam Protein with Potential for the Treatment of Menopausal Syndrome. <i>Scientific Reports</i> , 2015, 5, 10179.	1.6	18
39	Edible plants from traditional Chinese medicine is a promising alternative for the management of diabetic nephropathy. <i>Journal of Functional Foods</i> , 2015, 14, 12-22.	1.6	18
40	Comparative Analysis of Proteins with Stimulating Activity on Ovarian Estradiol Biosynthesis from Four Different Dioscorea Species in vitro Using Both Phenotypic and Target-based Approaches: Implication for Treating Menopause. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 79-93.	1.4	18
41	Ellagitannins from Pomegranate Ameliorates 5-Fluorouracil-Induced Intestinal Mucositis in Rats while Enhancing Its Chemotoxicity against HT-29 Colorectal Cancer Cells through Intrinsic Apoptosis Induction. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7054-7064.	2.4	17
42	Polysaccharides of <i>Dendrobium officinale</i> Induce Aquaporin 5 Translocation by Activating M3 Muscarinic Receptors. <i>Planta Medica</i> , 2015, 81, 130-137.	0.7	16
43	A DNA microarray for differentiation of the Chinese medicinal herb <i>Dendrobium officinale</i> (Fengdou) Tj ETQq1 1 0.784314 rgBT /Over 2008, 49, 149.	1.4	15
44	Identification of the major chemical constituents and their metabolites in rat plasma and various organs after oral administration of effective Erxian Decoction (EXD) fraction by liquid chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2010, 24, 479-489.	0.8	15
45	Regulation of p21, MMP-1, and MDR-1 Expression in Human Colon Carcinoma HT29 Cells by Tian Xian Liquid, a Chinese Medicinal Formula, In Vitro and In Vivo. <i>Integrative Cancer Therapies</i> , 2011, 10, 58-69.	0.8	15
46	Oleanolic acid enhances neural stem cell migration, proliferation, and differentiation in vitro by inhibiting GSK3 β activity. <i>Cell Death Discovery</i> , 2018, 4, 48.	2.0	15
47	Anti-angiogenic Activity of Erxian Decoction, a Traditional Chinese Herbal Formula, in Zebrafish. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 2119-2127.	0.6	14
48	Two pregnane derivatives and a quinolone alkaloid from <i>Helicteres angustifolia</i> . <i>F\ddot{A}-totera\ddot{A}-\ddot{A}c</i> , 2012, 83, 1643-1647.	1.1	14
49	Compatibility of multiple herbal components in Erxian Decoction, a Chinese medicinal formula, for treating osteoporosis. <i>European Journal of Integrative Medicine</i> , 2012, 4, e187-e196.	0.8	14
50	Simultaneous determination of berberine and palmatine in human plasma and in urine by capillary electrophoresis combined with polypropylene hollow fiber liquid-liquid microextraction. <i>Analytical Methods</i> , 2014, 6, 7928-7934.	1.3	14
51	Identification of Steroidogenic Components Derived From <i>Gardenia jasminoides</i> Ellis Potentially Useful for Treating Postmenopausal Syndrome. <i>Frontiers in Pharmacology</i> , 2018, 9, 390.	1.6	14
52	An In Vitro and In Vivo Investigation of the Antimetastatic Effects of a Chinese Medicinal Decoction, Erxian Decoction, on Human Ovarian Cancer Models. <i>Integrative Cancer Therapies</i> , 2013, 12, 336-346.	0.8	13
53	Comparison of chemical profiles and effectiveness between Erxian decoction and mixtures of decoctions of its individual herbs: a novel approach for identification of the standard chemicals. <i>Chinese Medicine</i> , 2017, 12, 1.	1.6	13
54	20(S)-protopanaxadiol promotes the migration, proliferation, and differentiation of neural stem cells by targeting GSK-3 β in the Wnt/GSK-3 β / β -catenin pathway. <i>Journal of Ginseng Research</i> , 2020, 44, 475-482.	3.0	12

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55	Protective effect of bilberry (<i>Vaccinium myrtillus</i> L.) extracts on cultured human corneal limbal epithelial cells (HCLEC). <i>Phytotherapy Research</i> , 2010, 24, 520-524.	2.8	11
56	Protective Effect of <i>Dendrobium officinale</i> Polysaccharides on Experimental Sjogren's Syndrome. <i>Journal of Complementary and Integrative Medicine</i> , 2010, 7, .	0.4	11
57	Research and Development of Proteins and Peptides with Therapeutic Potential from Yam Tubers. <i>Current Protein and Peptide Science</i> , 2019, 20, 277-284.	0.7	11
58	Tian Xian Liquid (TXL) induces apoptosis in HT-29 colon cancer cell in vitro and inhibits tumor growth in vivo. <i>Chinese Medicine</i> , 2010, 5, 25.	1.6	10
59	Downregulation of Aquaporin 9 Exacerbates Beta-amyloid-induced Neurotoxicity in Alzheimer's Disease Models In vitro and In vivo. <i>Neuroscience</i> , 2018, 394, 72-82.	1.1	10
60	A thermostable trypsin inhibitor with antiproliferative activity from small pinto beans. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 485-490.	2.5	9
61	Pharmacokinetic Evaluation of Clozapine in Concomitant Use of <i>Radix Rehmanniae</i> , <i>Fructus Schisandrae</i> , <i>Radix Bupleuri</i> , or <i>Fructus Gardeniae</i> in Rats. <i>Molecules</i> , 2016, 21, 696.	1.7	8
62	The potential of <i>Mikania micrantha</i> (Chinese creeper) to hyperaccumulate heavy metals in soil contaminated by electronic waste. <i>Environmental Science and Pollution Research</i> , 2019, 26, 35275-35280.	2.7	8
63	Protective Effect of An-Gong-Niu-Huang Wan Pre-treatment Against Experimental Cerebral Ischemia Injury via Regulating GSK-3 β /HO-1 Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 640297.	1.6	8
64	Activities of Venom Proteins and Peptides with Possible Therapeutic Applications from Bees and WASPS. <i>Protein and Peptide Letters</i> , 2016, 23, 748-755.	0.4	8
65	Use of LC Fingerprinting to Evaluate the Quality of Erxian Decoction. <i>Chromatographia</i> , 2009, 70, 613-618.	0.7	7
66	Differential effects of anti-metastatic mechanism of Tian-Xian liquid (TXL) and its bioactive fractions on human colorectal cancer models. <i>Journal of Ethnopharmacology</i> , 2011, 137, 403-413.	2.0	7
67	Chinese medicines in the treatment of experimental diabetic nephropathy. <i>Chinese Medicine</i> , 2016, 11, 6.	1.6	7
68	Comprehensive and Holistic Analysis of HT-29 Colorectal Cancer Cells and Tumor-Bearing Nude Mouse Model: Interactions Among Fractions Derived From the Chinese Medicine Formula Tian Xian Liquid in Effects on Human Colorectal Carcinoma. <i>Integrative Cancer Therapies</i> , 2017, 16, 339-350.	0.8	6
69	Steroidogenic effect of Erxian decoction for relieving menopause via the p-Akt/PKB pathway in vitro and in vivo. <i>Maturitas</i> , 2017, 100, 196-197.	1.0	6
70	Isolation of a Mitogenic Agglutinin with Relatively High Thermostability from Seeds of the Variegated Shell Ginger. <i>Protein and Peptide Letters</i> , 2010, 17, 38-43.	0.4	5
71	Simultaneous Analysis of Lipid-Soluble Constituents of Erxian Decoction by GC-MS. <i>Chromatographia</i> , 2009, 70, 1171-1177.	0.7	3
72	Ameliorating effect of Erxian decoction combined with <i>Fructus Schisandrae chinensis</i> (Wu Wei Zi) on menopausal sweating and serum hormone profiles in a rat model. <i>Chinese Medicine</i> , 2016, 11, 47.	1.6	2

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73	Behavioural toxicity studies of <i>Cyclope neritea</i> and <i>Nassarius mutabilis</i> exposed to polycyclic aromatic hydrocarbons. <i>Environmental Science and Pollution Research</i> , 2020, 27, 6695-6700.	2.7	2
74	Total Ginsenoside Extract from <i>Panax ginseng</i> Enhances Neural Stem Cell Proliferation and Neuronal Differentiation by Inactivating GSK-3 β . <i>Chinese Journal of Integrative Medicine</i> , 2022, 28, 229-235.	0.7	2
75	Research Advances on the Anti-aging Profile of <i>Fructus lycii</i> : an Ancient Chinese Herbal Medicine. <i>Journal of Complementary and Integrative Medicine</i> , 2008, 5, .	0.4	1
76	Tuber Lectins with Potentially Exploitable Bioactivities. <i>Current Medicinal Chemistry</i> , 2019, 25, 5986-6001.	1.2	1
77	The Use of a Noninvasive and Nondestructive Method, Microcomputed Tomography, to Evaluate the Anti-Osteoporotic Activity of Erxian Decoction, a Chinese Medicinal Formula, in a Rat Model of Menopausal Osteoporosis. , 2009, , .		0
78	Screening and Identification of Compounds in Pomegranate Peel to Ameliorate 5-Fluorouracil Induced Intestinal Mucositis in Rats and Induce HT-29 Colorectal Cancer Cell Death through Reactive Oxygen Species Mediated Apoptosis and Cell Cycle Arrest. <i>FASEB Journal</i> , 2018, 32, 679.4.	0.2	0