

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	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
2	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
3	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
4	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
5	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
6	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
7	The dual roles of calycosin in growth inhibition and metastatic progression during pancreatic cancer development: A β -TGF- β paradox. <i>Phytomedicine</i> , 2020, 68, 153177.	2.3	21
8	Dendrobine 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
9	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
10	Tuber Lectins with Potentially Exploitable Bioactivities. <i>Current Medicinal Chemistry</i> , 2019, 25, 5986-6001.	1.2	1
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	<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
22	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
23	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
24	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
25	Comparative Analysis of Proteins with Stimulating Activity on Ovarian Estradiol Biosynthesis from Four Different <i>Dioscorea</i> 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
26	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
27	Chinese medicines in the treatment of experimental diabetic nephropathy. <i>Chinese Medicine</i> , 2016, 11, 6.	1.6	7
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	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	Monoterpene derivatives from the roots of <i>Paeonia lactiflora</i> and their anti-proliferative activity. <i>FÄ-toterapÄ-Äç</i> , 2014, 98, 124-129.	1.1	21
40	Bioactive proteins and peptides isolated from Chinese medicines with pharmaceutical potential. <i>Chinese Medicine</i> , 2014, 9, 19.	1.6	36
41	Polysaccharides of <i>Dendrobium officinale</i> inhibit TNF-Î±-induced apoptosis in A-253 cell line. <i>Inflammation Research</i> , 2013, 62, 313-324.	1.6	31
42	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
43	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
44	Two pregnane derivatives and a quinolone alkaloid from <i>Helicteres angustifolia</i> . <i>FÄ-toterapÄ-Äç</i> , 2012, 83, 1643-1647.	1.1	14
45	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
46	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
47	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
48	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
49	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
50	Baicalein antagonizes rotenone-induced apoptosis in dopaminergic SH-SY5Y cells related to Parkinsonism. <i>Chinese Medicine</i> , 2012, 7, 1.	1.6	47
51	Review of research on <i>Dendrobium</i> , a prized folk medicine. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1795-1803.	1.7	308
52	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
53	<i>Dendrobium officinale</i> polysaccharides ameliorate the abnormality of aquaporin 5, pro-inflammatory cytokines and inhibit apoptosis in the experimental SjÄgren's syndrome mice. <i>International Immunopharmacology</i> , 2011, 11, 2025-2032.	1.7	67
54	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

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55	Dendrobium candidum 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
56	Cordymin, an antifungal peptide from the medicinal fungus <i>Cordyceps militaris</i> . <i>Phytomedicine</i> , 2011, 18, 387-392.	2.3	88
57	Glyceollin, a soybean phytoalexin with medicinal properties. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 59-68.	1.7	46
58	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
59	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
60	Quality assessment of Cortex Phellodendri by high-performance liquid chromatography coupled with electrospray ionization mass spectrometry. <i>Biomedical Chromatography</i> , 2010, 24, 438-453.	0.8	37
61	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
62	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
63	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
64	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
65	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
66	Herba Epimedii: Anti-Oxidative Properties and Its Medical Implications. <i>Molecules</i> , 2010, 15, 7861-7870.	1.7	125
67	Protective Effect of Dendrobium officinale Polysaccharides on Experimental Sjogren's Syndrome. <i>Journal of Complementary and Integrative Medicine</i> , 2010, 7, .	0.4	11
68	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
69	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
70	Use of LC Fingerprinting to Evaluate the Quality of Erxian Decoction. <i>Chromatographia</i> , 2009, 70, 613-618.	0.7	7
71	Simultaneous Analysis of Lipid-Soluble Constituents of Erxian Decoction by GC-MS. <i>Chromatographia</i> , 2009, 70, 1171-1177.	0.7	3
72	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

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73	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
74	A DNA microarray for differentiation of the Chinese medicinal herb <i>Dendrobium officinale</i> (Fengdou) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2008, 49, 149.	1.4	15
75	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
76	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
77	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
78	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