

Chun Hay Ko

List of Publications by Year in descending order

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52
papers

1,242
citations

331259

21
h-index

377514

34
g-index

52
all docs

52
docs citations

52
times ranked

1935
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic interaction between Astragali Radix and Rehmanniae Radix in a Chinese herbal formula to promote diabetic wound healing. <i>Journal of Ethnopharmacology</i> , 2012, 141, 250-256.	2.0	113
2	The in vivo and in vitro diabetic wound healing effects of a 2-herb formula and its mechanisms of action. <i>Journal of Ethnopharmacology</i> , 2011, 134, 831-838.	2.0	110
3	Isolation, Structure Characterization, and Immunomodulating Activity of a Hyperbranched Polysaccharide from the Fruiting Bodies of <i>Ganoderma sinense</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4276-4281.	2.4	59
4	In vitro & in vivo assessment of a herbal formula used topically for bone fracture treatment. <i>Journal of Ethnopharmacology</i> , 2010, 131, 282-289.	2.0	56
5	Green tea (<i>Camellia sinensis</i>) extract inhibits both the metastasis and osteolytic components of mammary cancer 4T1 lesions in mice. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 395-403.	1.9	53
6	Effects of Tea Catechins, Epigallocatechin, Gallic acid, and Gallic acid Gallate, on Bone Metabolism. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7293-7297.	2.4	52
7	Cocoa tea (<i>Camellia ptilophylla</i>) water extract inhibits adipocyte differentiation in mouse 3T3-L1 preadipocytes. <i>Scientific Reports</i> , 2016, 6, 20172.	1.6	46
8	The roles of cellular and molecular components of a hematoma at early stage of bone healing. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1911-e1925.	1.3	44
9	Structural characterization and immuno-modulating activities of a polysaccharide from <i>Ganoderma sinense</i> . <i>International Journal of Biological Macromolecules</i> , 2012, 51, 597-603.	3.6	39
10	A herbal formula containing roots of <i>Salvia miltiorrhiza</i> (Danshen) and <i>Pueraria lobata</i> (Gegen) inhibits inflammatory mediators in LPS-stimulated RAW 264.7 macrophages through inhibition of nuclear factor κ B (NF κ B) pathway. <i>Journal of Ethnopharmacology</i> , 2013, 145, 776-783.	2.0	39
11	Dihydrofisetin exerts its anti-inflammatory effects associated with suppressing ERK/p38 MAPK and Heme Oxygenase-1 activation in lipopolysaccharide-stimulated RAW 264.7 macrophages and carrageenan-induced mice paw edema. <i>International Immunopharmacology</i> , 2018, 54, 366-374.	1.7	39
12	Osteoprotective effects of <i>Fructus Ligustri Lucidi</i> aqueous extract in aged ovariectomized rats. <i>Chinese Medicine</i> , 2010, 5, 39.	1.6	32
13	Deteriorating Effect on Bone Metabolism and Microstructure by Passive Cigarette Smoking Through Dual Actions on Osteoblast and Osteoclast. <i>Calcified Tissue International</i> , 2015, 96, 389-400.	1.5	32
14	Inhibitory effects of cocoa tea (<i>Camellia ptilophylla</i>) in human hepatocellular carcinoma HepG2 in vitro and in vivo through apoptosis. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1051-1057.	1.9	31
15	The Effects of an Antiosteoporosis Herbal Formula Containing <i>Epimedii Herba</i> , <i>Ligustri Lucidi Fructus</i> and <i>Psoraleae Fructus</i> on Density and Structure of Rat Long Bones Under Tailá€šuspension, and its Mechanisms of Action. <i>Phytotherapy Research</i> , 2013, 27, 484-492.	2.8	31
16	Bioassay-guided isolation of norviburtinal from the root of <i>Rehmannia glutinosa</i> , exhibited angiogenesis effect in zebrafish embryo model. <i>Journal of Ethnopharmacology</i> , 2011, 137, 1323-1327.	2.0	30
17	Bioassay-guided isolation of anti-inflammatory components from the root of <i>Rehmannia glutinosa</i> and its underlying mechanism via inhibition of iNOS pathway. <i>Journal of Ethnopharmacology</i> , 2012, 143, 867-875.	2.0	29
18	The Aqueous Extract of Rhizome of <i>Gastrodia elata</i> Protected <i>Drosophila</i> and PC12 Cells against Beta-Amyloid-Induced Neurotoxicity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 1-12.	0.5	27

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19	Healing effect of a two-herb recipe (<sc>NF3</sc>) on foot ulcers in <sc>C</sc>hinese patients with diabetes: A randomized double-blind placebo-controlled study (â€¦â€¦â€¦). <i>Journal of Ethnopharmacology</i> , 2014, 151, 323-334.	1.8	23
20	Pro-bone and Antifat Effects of Green Tea and Its Polyphenol, Epigallocatechin, in Rat Mesenchymal Stem Cells in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9870-9876.	2.4	23
21	Effect of Dietary Cocoa Tea (<i>Camellia ptilophylla</i>) Supplementation on High-Fat Diet-Induced Obesity, Hepatic Steatosis, and Hyperlipidemia in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	0.5	23
22	Application of chinese herbal medicines to revitalize adult stem cells for tissue regeneration. <i>Chinese Journal of Integrative Medicine</i> , 2012, 18, 903-908.	0.7	22
23	Molecular mechanisms of angiogenesis effect of active sub-fraction from root of <i>Rehmannia glutinosa</i> by zebrafish sprout angiogenesis-guided fractionation. <i>Journal of Ethnopharmacology</i> , 2014, 151, 565-575.	2.0	20
24	In vivo and in vitro anti-inflammatory effects of Zao-Jiao-Ci (the spine of <i>Gleditsia sinensis</i> Lam.) aqueous extract and its mechanisms of action. <i>Journal of Ethnopharmacology</i> , 2016, 192, 192-200.	2.0	20
25	In vitro and in vivo mechanistic study of a novel proanthocyanidin, GC-(4â†’8)-GCG from cocoa tea (<i>Camellia ptilophylla</i>) in antiangiogenesis. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 319-328.	1.9	19
26	Suppression of mast cell activity contributes to the osteoprotective effect of an herbal formula containing <i>Herba Epimedii</i> , <i>Fructus Ligustri Lucidi</i> and <i>Fructus Psoraleae</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 437-444.	1.2	18
27	Pro-oxidative effects of tea and polyphenols, epigallocatechin-3-gallate and epigallocatechin, on G6PD-deficient erythrocytes in vitro. <i>International Journal of Molecular Medicine</i> , 2006, 18, 987-94.	1.8	18
28	Molecular angiogenic events of a two-herb wound healing formula involving <sc>MAPK</sc> and <sc>Akt</sc> signaling pathways in human vascular endothelial cells. <i>Wound Repair and Regeneration</i> , 2013, 21, 579-587.	1.5	16
29	Cocoa tea (<i>Camellia ptilophylla</i> Chang), a natural decaffeinated species of tea â€” Recommendations on the proper way of preparation for consumption. <i>Journal of Functional Foods</i> , 2011, 3, 305-312.	1.6	13
30	Anti-tumor and anti-osteolysis effects of the metronomic use of zoledronic acid in primary and metastatic breast cancer mouse models. <i>Cancer Letters</i> , 2013, 339, 42-48.	3.2	13
31	Natural Remedies for the Treatment of Beta-Thalassemia and Sickle Cell Anemiaâ€”Current Status and Perspectives in Fetal Hemoglobin Reactivation. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-11.	0.9	13
32	Effect of anti-osteoporotic agents on the prevention of bone loss in unloaded bone. <i>Molecular Medicine Reports</i> , 2013, 8, 1188-1194.	1.1	12
33	Pro-oxidative effects of Chinese herbal medicine on G6PD-deficient erythrocytes in vitro. <i>Toxicology in Vitro</i> , 2008, 22, 1222-1227.	1.1	11
34	The Ethanol Extract of <i>Fructus trichosanthis</i> Promotes Fetal Hemoglobin Production via p38 MAPK Activation and ERK Inactivation in K562 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-8.	0.5	11
35	Enumeration and functional investigation of endothelial progenitor cells in neovascularization of diabetic foot ulcer rats with a <sc>C</sc>hinese 2-herb formula. <i>Journal of Diabetes</i> , 2015, 7, 718-728.	0.8	11
36	Topical application of Chinese herbal medicine DAEP relieves the osteoarthritic knee pain in rats. <i>Chinese Medicine</i> , 2019, 14, 55.	1.6	11

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37	Development of a novel mouse model of severe glucose-6-phosphate dehydrogenase (G6PD)-deficiency for in vitro and in vivo assessment of hemolytic toxicity to red blood cells. <i>Blood Cells, Molecules, and Diseases</i> , 2011, 47, 176-181.	0.6	10
38	Oxidative Challenge and Glucose-6-Phosphate Dehydrogenase Activity of Preterm and Term Neonatal Red Blood Cells. <i>Neonatology</i> , 2009, 96, 96-101.	0.9	9
39	Impacts of <i>Camellia</i> kucha and its main chemical components on the lipid accumulation in 3T3L1 adipocytes. <i>International Journal of Food Science and Technology</i> , 2016, 51, 2546-2555.	1.3	8
40	Structure characterization and immunocompetence of a glucan from the fruiting bodies of <i>Cantharellus cibarius</i> . <i>Journal of Asian Natural Products Research</i> , 2013, 15, 1204-1209.	0.7	7
41	Comprehensive proteomic analysis of a Chinese 2-herb formula (<i>Astragali Radix</i> and <i>Rehmanniae Radix</i>) on mature endothelial cells. <i>Proteomics</i> , 2014, 14, 2089-2103.	1.3	7
42	In Vivo Study on the Pharmacological Interactions between a Chinese Herbal Formula ELP and Antiresorptive Drugs to Counteract Osteoporosis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	0.5	6
43	Multiplex primer extension reaction screening and oxidative challenge of glucose-6-phosphate dehydrogenase mutants in hemizygous and heterozygous subjects. <i>Blood Cells, Molecules, and Diseases</i> , 2006, 37, 21-26.	0.6	5
44	Gene Expression Profiling on the Molecular Action of Danshen-Gegen Formula in a Randomized Placebo-Controlled Trial of Postmenopausal Women with Hypercholesterolemia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-14.	0.5	5
45	Identification of Target Genes Involved in Wound Healing Angiogenesis of Endothelial Cells with the Treatment of a Chinese 2-Herb Formula. <i>PLoS ONE</i> , 2015, 10, e0139342.	1.1	5
46	Electric Cell-Substrate Impedance Sensing as a Screening Tool for Wound Healing Agents. <i>Cancer Metastasis - Biology and Treatment</i> , 2012, , 203-216.	0.1	5
47	Integrative Approach to Facilitate Fracture Healing: Topical Chinese Herbal Paste with Oral Strontium Ranelate. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-11.	0.5	4
48	Organic Nitrate Maintains Bone Marrow Blood Perfusion in Ovariectomized Female Rats: A Dynamic, Contrast-Enhanced Magnetic Resonance Imaging (MRI) Study. <i>Pharmaceutics</i> , 2013, 5, 23-35.	2.0	3
49	Subacute oral toxicity of cocoa tea (<i>Camellia ptilophylla</i>) water extract in <i>SD</i> rats. <i>International Journal of Food Science and Technology</i> , 2015, 50, 2391-2401.	1.3	3
50	Multitargeted combination effects of a triherbal formulation containing ELP against osteoporosis: <i>in vitro</i> evidence. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 826-833.	1.2	2
51	Fructus <i>Ligustri Lucidi</i> enhances osteogenesis and represses adipogenesis of rat mesenchymal stem cells. <i>Bone</i> , 2008, 43, S108.	1.4	0
52	Green tea extract synergistically enhances the effectiveness of an antiresorptive drug on management of osteoporosis induced by ovariectomy in a rat model. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 328.	0.8	0