

Xiang-Chun Shen

List of Publications by Year in descending order

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95
papers

1,555
citations

361413

20
h-index

454955

30
g-index

100
all docs

100
docs citations

100
times ranked

1994
citing authors

#	ARTICLE	IF	CITATIONS
1	1,8-Cineole: a review of source, biological activities, and application. <i>Journal of Asian Natural Products Research</i> , 2021, 23, 938-954.	1.4	108
2	Fibronectin induces epithelial-mesenchymal transition in human breast cancer MCF-7 cells via activation of calpain. <i>Oncology Letters</i> , 2017, 13, 3889-3895.	1.8	74
3	Effects of crocetin on antioxidant enzymatic activities in cardiac hypertrophy induced by norepinephrine in rats. <i>Die Pharmazie</i> , 2006, 61, 348-52.	0.5	55
4	Herbal Remedies Supply a Novel Prospect for the Treatment of Atherosclerosis: A Review of Current Mechanism Studies. <i>Phytotherapy Research</i> , 2012, 26, 159-167.	5.8	48
5	Shikonin inhibits triple-negative breast cancer-cell metastasis by reversing the epithelial-to-mesenchymal transition via glycogen synthase kinase 3 β -regulated suppression of β -catenin signaling. <i>Biochemical Pharmacology</i> , 2019, 166, 33-45.	4.4	46
6	1,8-Cineole Ameliorates LPS-Induced Vascular Endothelium Dysfunction in Mice via PPAR- β Dependent Regulation of NF- κ B. <i>Frontiers in Pharmacology</i> , 2019, 10, 178.	3.5	38
7	Protective effect of oxymatrine on myocardial fibrosis induced by acute myocardial infarction in rats involved in TGF- β ¹ -Smads signal pathway. <i>Journal of Asian Natural Products Research</i> , 2011, 13, 215-224.	1.4	37
8	Baicalein resensitizes tamoxifen-resistant breast cancer cells by reducing aerobic glycolysis and reversing mitochondrial dysfunction via inhibition of hypoxia-inducible factor-1 α . <i>Clinical and Translational Medicine</i> , 2021, 11, e577.	4.0	34
9	A W/O emulsion mediated film dispersion method for curcumin encapsulated pH-sensitive liposomes in the colon tumor treatment. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 282-291.	2.0	33
10	Similar to Spironolactone, Oxymatrine Is Protective in Aldosterone-Induced Cardiomyocyte Injury via Inhibition of Calpain and Apoptosis-Inducing Factor Signaling. <i>PLoS ONE</i> , 2014, 9, e88856.	2.5	30
11	Indigo Naturalis Suppresses Colonic Oxidative Stress and Th1/Th17 Responses of DSS-Induced Colitis in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	29
12	Toll-like receptor 4 contributes to a myofibroblast phenotype in cardiac fibroblasts and is associated with autophagy after myocardial infarction in a mouse model. <i>Atherosclerosis</i> , 2018, 279, 23-31.	0.8	27
13	Evidence-based antioxidant activity of the essential oil from <i>Fructus A. zerumbet</i> on cultured human umbilical vein endothelial cells' injury induced by ox-LDL. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 174.	3.7	26
14	Oxymatrine provides protection against Coxsackievirus B3-induced myocarditis in BALB/c mice. <i>Antiviral Research</i> , 2017, 141, 133-139.	4.1	26
15	Phytochemistry and biological properties of isoprenoid flavonoids from <i>Sophora flavescens</i> Ait. <i>F\ddot{A}-totetap\ddot{A}-$\ddot{A}$$\phi$</i> , 2020, 143, 104556.	2.2	26
16	Ameliorating effects of 1,8-cineole on LPS-induced human umbilical vein endothelial cell injury by suppressing NF- κ B signaling in vitro. <i>European Journal of Pharmacology</i> , 2016, 789, 195-201.	3.5	25
17	Inhibitory effects of oxymatrine on TGF- β ¹ -induced proliferation and abnormal differentiation in rat cardiac fibroblasts via the p38MAPK and ERK1/2 signaling pathways. <i>Molecular Medicine Reports</i> , 2017, 16, 5354-5362.	2.4	25
18	Combination treatment with quercetin and resveratrol attenuates high fat diet-induced obesity and associated inflammation in rats via the AMPK \pm 1/SIRT1 signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 5942-5948.	1.8	25

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19	Potential of Plant-sourced Phenols for Inflammatory Bowel Disease. <i>Current Medicinal Chemistry</i> , 2019, 25, 5191-5217.	2.4	24
20	Salvianolic Acid B-Alleviated Angiotensin II Induces Cardiac Fibrosis by Suppressing NF- κ B Pathway In Vitro. <i>Medical Science Monitor</i> , 2018, 24, 7654-7664.	1.1	24
21	Essential oil from Fructus <i>Alpinia zerumbet</i> (fruit of <i>Alpinia zerumbet</i> (Pers.) Burt. et Smith) protected against aortic endothelial cell injury and inflammation in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2019, 237, 149-158.	4.1	23
22	Tryptanthrin exerts anti-breast cancer effects both <i>in vitro</i> and <i>in vivo</i> through modulating the inflammatory tumor microenvironment. <i>Acta Pharmaceutica</i> , 2021, 71, 245-266.	2.0	23
23	Preparation and protective effects of 1,8-cineole-loaded self-microemulsifying drug delivery system on lipopolysaccharide-induced endothelial injury in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 14-23.	4.0	22
24	The Synergic Effect of Tetramethylpyrazine Phosphate and Borneol for Protecting Against Ischemia Injury in Cortex and Hippocampus Regions by Modulating Apoptosis and Autophagy. <i>Journal of Molecular Neuroscience</i> , 2017, 63, 70-83.	2.3	21
25	Baicalein has protective effects on the 17 β -estradiol-induced transformation of breast epithelial cells. <i>Oncotarget</i> , 2017, 8, 10470-10484.	1.8	21
26	Acidity-Activated Charge-Convertible Silver Nanocomposites for Enhanced Bacteria-Specific Aggregation and Antibacterial Activity. <i>Biomacromolecules</i> , 2019, 20, 3031-3040.	5.4	21
27	Baicalein inhibits fibronectin-induced epithelial-mesenchymal transition by decreasing activation and upregulation of calpain-2. <i>Cell Death and Disease</i> , 2019, 10, 341.	6.3	21
28	Cycloviobuxine D protects against diabetic cardiomyopathy by activating Nrf2-mediated antioxidant responses. <i>Scientific Reports</i> , 2020, 10, 6427.	3.3	21
29	Oxymatrine reverses epithelial-mesenchymal transition in breast cancer cells by depressing β -catenin/EMT signaling and integrin/FAK/PI3K/Akt signaling activation. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 6253-6265.	2.0	20
30	Synergic Effect of Borneol and Ligustrazine on the Neuroprotection in Global Cerebral Ischemia/Reperfusion Injury: A Region-Specificity Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-8.	1.2	19
31	Screening of analgesic and anti-inflammatory active component in Fructus <i>Alpiniae zerumbet</i> based on spectrum-effect relationship and GC-MS. <i>Biomedical Chromatography</i> , 2018, 32, e4112.	1.7	19
32	A Novel Tanshinone Analog Exerts Anti-Cancer Effects in Prostate Cancer by Inducing Cell Apoptosis, Arresting Cell Cycle at G2 Phase and Blocking Metastatic Ability. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4459.	4.1	19
33	Polyethyleneimine and quaternized ammonium polyethyleneimine: the versatile materials for combating bacteria and biofilms. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 1243-1259.	3.5	19
34	Oxymatrine inhibits aldosterone-induced rat cardiac fibroblast proliferation and differentiation by attenuating smad-2,-3 and-4 expression: an <i>in vitro</i> study. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 241.	3.7	18
35	Multiple Roles of Black Raspberry Anthocyanins Protecting against Alcoholic Liver Disease. <i>Molecules</i> , 2021, 26, 2313.	3.8	18
36	Co-delivery of doxorubicin and epacadostat via heparin coated pH-sensitive liposomes to suppress the lung metastasis of melanoma. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119446.	5.2	18

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37	Essential Oils from Fructus <i>A. zerumbet</i> Protect Human Aortic Endothelial Cells from Apoptosis Induced by Ox-LDL In Vitro. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-9.	1.2	17
38	Attenuation of stress-induced gastrointestinal motility disorder by gentiopicroside, from <i>Gentiana macrophylla</i> Pall. <i>FÄ-toterapÄ-tÄç</i> , 2015, 103, 265-276.	2.2	17
39	Ban-Lan-Gen Granule Alleviates Dextran Sulfate Sodium-Induced Chronic Relapsing Colitis in Mice via Regulating Gut Microbiota and Restoring Gut SCFA Derived-GLP-1 Production. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 1457-1470.	3.5	17
40	Fli-1 Activation through Targeted Promoter Activity Regulation Using a Novel 3â€™, 5â€™-diprenylated Chalcone Inhibits Growth and Metastasis of Prostate Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2216.	4.1	16
41	The ameliorative effect of terpinen-4-ol on ER stress-induced vascular calcification depends on SIRT1-mediated regulation of PERK acetylation. <i>Pharmacological Research</i> , 2021, 170, 105629.	7.1	16
42	Oxymatrine Inhibits Transforming Growth Factor Î²1 (TGF-Î²1)-Induced Cardiac Fibroblast-to-Myofibroblast Transformation (FMT) by Mediating the Notch Signaling Pathway In Vitro. <i>Medical Science Monitor</i> , 2018, 24, 6280-6288.	1.1	16
43	Probucol ameliorates hepatic stellate cell activation and autophagy is associated with farnesoid X receptor. <i>Journal of Pharmacological Sciences</i> , 2019, 139, 120-128.	2.5	15
44	Gastrodin ameliorates learning and memory impairment in rats with vascular dementia by promoting autophagy flux via inhibition of the Ca ²⁺ /CaMKII signal pathway. <i>Aging</i> , 2021, 13, 9542-9565.	3.1	15
45	Improving the ameliorative effects of berberine and curcumin combination via dextran-coated bilosomes on non-alcohol fatty liver disease in mice. <i>Journal of Nanobiotechnology</i> , 2021, 19, 230.	9.1	15
46	Baicalein, unlike 4-hydroxytamoxifen but similar to G15, suppresses 17Î²-estradiol-induced cell invasion, and matrix metalloproteinase-9 expression and activation in MCF-7 human breast cancer cells. <i>Oncology Letters</i> , 2017, 14, 1823-1830.	1.8	14
47	<i>Sigesbeckia orientalis</i> L. Extract Alleviated the Collagen Type IIâ€“Induced Arthritis Through Inhibiting Multi-Targetâ€“Mediated Synovial Hyperplasia and Inflammation. <i>Frontiers in Pharmacology</i> , 2020, 11, 547913.	3.5	14
48	Inhibitory Effects of Oxymatrine on Transdifferentiation of Neonatal Rat Cardiac Fibroblasts to Myofibroblasts Induced by Aldosterone via Keap1/Nrf2 Signaling Pathways In Vitro. <i>Medical Science Monitor</i> , 2019, 25, 5375-5388.	1.1	14
49	Proteomic analysis of liver in diet-induced Hyperlipidemic mice under Fructus <i>Rosa roxburghii</i> action. <i>Journal of Proteomics</i> , 2021, 230, 103982.	2.4	13
50	Essential Oil from Fructus <i>Alpiniae Zerumbet</i> Protects Human Umbilical Vein Endothelial Cells In Vitro from Injury Induced by High Glucose Levels by Suppressing Nuclear Transcription Factor-Kappa B Signaling. <i>Medical Science Monitor</i> , 2017, 23, 4760-4767.	1.1	13
51	Oxymatrine Synergistically Enhances Doxorubicin Anticancer Effects in Colorectal Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 673432.	3.5	12
52	Tetramethylpyrazine phosphate and borneol combination therapy synergistically attenuated ischemia-reperfusion injury of the hypothalamus and striatum via regulation of apoptosis and autophagy in a rat model. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 4807-4820.	0.0	12
53	MicroRNAs Regulating Mitochondrial Function in Cardiac Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 663322.	3.5	11
54	Yunnanâ€“Guizhou Plateau: a mycological hotspot. <i>Phytotaxa</i> , 2021, 523, 1-31.	0.3	11

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55	Activation of an apoptotic signal transduction pathway involved in the upregulation of calpain and apoptosis-inducing factor in aldosterone-induced primary cultured cardiomyocytes. <i>Food and Chemical Toxicology</i> , 2013, 53, 364-370.	3.6	10
56	<i>Alpinia zerumbet</i> and Its Potential Use as an Herbal Medication for Atherosclerosis: Mechanistic Insights from Cell and Rodent Studies. <i>Lifestyle Genomics</i> , 2020, 13, 138-145.	1.7	10
57	Protective effects of essential oil from Fructus Alpiniae zerumbet on retinal MÃ¼ller gliosis via the PPAR-Î³-p-CREB signaling pathway. <i>Chinese Medicine</i> , 2020, 15, 4.	4.0	9
58	Improving protection effects of eucalyptol via carboxymethyl chitosan-coated lipid nanoparticles on hyperglycaemia-induced vascular endothelial injury in rats. <i>Journal of Drug Targeting</i> , 2021, 29, 520-530.	4.4	9
59	A Small Ligand That Selectively Binds to the G-quadruplex at the Human Vascular Endothelial Growth Factor Internal Ribosomal Entry Site and Represses the Translation. <i>Frontiers in Chemistry</i> , 2021, 9, 781198.	3.6	9
60	Carboxymethyl Chitosan Modified Oxymatrine Liposomes for the Alleviation of Emphysema in Mice via Pulmonary Administration. <i>Molecules</i> , 2022, 27, 3610.	3.8	9
61	An immunotherapeutic approach to decipher the role of long non-coding RNAs in cancer progression, resistance and epigenetic regulation of immune cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 242.	8.6	8
62	New contributions to Diatrypaceae from karst areas in China. <i>MycKeys</i> , 2021, 83, 1-37.	1.9	8
63	Inhibition Effect of Dictyophora Polysaccharides on Human Hepatocellular Carcinoma Cell Line HCC-LM3. <i>Medical Science Monitor</i> , 2020, 26, e918870.	1.1	8
64	Protective Effect of Dictyophora Polysaccharides on Sodium Arsenite-Induced Hepatotoxicity: A Proteomics Study. <i>Frontiers in Pharmacology</i> , 2021, 12, 749035.	3.5	8
65	Cyclodextrin-Based Nanoplatforms for Tumor Phototherapy: An Update. <i>Pharmaceutics</i> , 2022, 14, 1375.	4.5	8
66	Crocetin attenuates norepinephrine-induced cytotoxicity in primary cultured rat cardiac myocytes by antioxidant in vitro. <i>Journal of Asian Natural Products Research</i> , 2009, 11, 417-425.	1.4	7
67	Enhanced of antibacterial activity of antibiotic-functionalized silver nanocomposites with good biocompatibility. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 34.	3.6	7
68	Effects of Gastrodin on BV2 cells under oxygen-glucose deprivation and its mechanism. <i>Gene</i> , 2021, 766, 145152.	2.2	7
69	Co-delivery of antibiotic and baicalein by using different polymeric nanoparticle cargos with enhanced synergistic antibacterial activity. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120419.	5.2	7
70	<p>Contributions to species of Xylariales in Chinaâ€™4. Hypoxylon wujiangensis sp. nov.</p>. <i>Phytotaxa</i> , 2020, 455, 21-30.	0.3	7
71	Targeted Lipid Nanoparticles Encapsulating Dihydroartemisinin and Chloroquine Phosphate for Suppressing the Proliferation and Liver Metastasis of Colorectal Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 720777.	3.5	7
72	EOFAZ inhibits endothelialâ€™toâ€™mesenchymal transition through downregulation of KLF4. <i>International Journal of Molecular Medicine</i> , 2020, 46, 300-310.	4.0	7

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73	P2Y1R Ligation Suppresses Th17 Cell Differentiation and Alleviates Colonic Inflammation in an AMPK-Dependent Manner. <i>Frontiers in Immunology</i> , 2022, 13, 820524.	4.8	7
74	Tumor-oriented mathematical models in hydrogel regulation for precise topical administration regimens. <i>Journal of Controlled Release</i> , 2022, 345, 610-624.	9.9	7
75	The Endothelial Protective Properties of Essential Oil from <i>Fructus Alpiniae zerumbet</i> via the Akt/NOS-NO Signaling Pathway In Vitro. <i>Planta Medica</i> , 2014, 80, 1628-1634.	1.3	6
76	Preparation and characterization of diclofenac sodium β -cyclodextrin inclusion complex eye drops. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 94, 85-94.	1.6	5
77	A new formylated chalcone from <i>Humulus lupulus</i> with protective effect on HUVECs injury by angiotensin II. <i>Natural Product Research</i> , 2019, 33, 617-621.	1.8	5
78	A new hemiacetal chromone racemate and β -glucosidase inhibitors from <i>Ficus tikoua</i> Bur. <i>Natural Product Research</i> , 2023, 37, 3267-3275.	1.8	5
79	Synergistic protection of tetramethylpyrazine phosphate and borneol on brain microvascular endothelium cells injured by hypoxia. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 2168-2180.	0.0	4
80	Protective Effect of <i>Simplicillium</i> sp. Ethyl Acetate Extract against High Glucose-Induced Oxidative Stress in HUVECs. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-10.	1.2	3
81	Phylogeny of Graphostromatacea with two new species (<i>Biscogniauxia glaucae</i> sp. nov. and <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>) <i>Archives of Microbiology</i> , 2021, 203, 6119-6129.	2.2	3
82	Multiparametric miRNAs profiling by polymerization induced fluorescence-off amplification for acute myocardial infarction diagnosis. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130315.	7.8	3
83	Kavalactones isolated from <i>Alpinia zerumbet</i> (Pers.) Burt. et Smith with protective effects against human umbilical vein endothelial cell damage induced by high glucose. <i>Natural Product Research</i> , 2022, 36, 5740-5746.	1.8	3
84	Adiponectin Deficiency Enhances Anti-Tumor Immunity of CD8+ T Cells in Rhabdomyosarcoma Through Inhibiting STAT3 Activation. <i>Frontiers in Oncology</i> , 2022, 12, 847088.	2.8	3
85	Preparation and characterization of tanshinone IIA OH-PDLLA-OR microspheres. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 43-48.	3.0	2
86	Juice from <i>Fructus Rosae Roxburghii</i> normalizes blood lipids in mice with diet-induced hyperlipidemia. <i>Food Science and Nutrition</i> , 2020, 8, 6069-6082.	3.4	2
87	CFPKPD analysis of natural hemostatic compounds from <i>Toddalia asiatica</i> (Linn) Lam root bark in rats. <i>Acta Chromatographica</i> , 2021, 33, 261-269.	1.3	2
88	Tetraphenylethene derivative that discriminates parallel G-quadruplexes. <i>RSC Advances</i> , 2022, 12, 14765-14775.	3.6	2
89	Morphological and phylogenetic study of five species of <i>Astrocystis</i> and <i>Collodiscula</i> on bamboo. <i>Phytotaxa</i> , 2021, 522, 265-284.	0.3	1
90	Intraarterial Lidocaine Administration for Pain Control by Water-in-Oil Technique in Transarterial Chemoembolization: in vivo and Randomized Clinical Trial. <i>Journal of Hepatocellular Carcinoma</i> , 2021, Volume 8, 1221-1232.	3.7	1

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91	Conformation of G-quadruplex Controlled by Click Reaction. <i>Molecules</i> , 2020, 25, 4339.	3.8	1
92	The interaction between phenylboronic acid derivatives and active ingredients with diphenol structure of traditional Chinese medicine. <i>Chemical Papers</i> , 2022, 76, 4855-4871.	2.2	1
93	Amphiphilic block versus random copolymer nanoparticles with reactive oxygen species responsiveness as berberine vehicles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 1657-1677.	3.5	0
94	EOFAZ suppresses the monocyte adhesion to endothelial cells by down regulating the expressions of VCAM-1 and ICAM-1 in TNF- α treated HUVECs via inhibiting the activation of NF- κ B and MAPKs Signaling. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-2-19.	0.0	0
95	Spectrum-Efficacy Relationships between GC-MS Fingerprints of Essential Oil from <i>Valerianae Jatamansi Rhizoma et Radix</i> and the Efficacy of Inhibiting Microglial Activation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-9.	1.2	0