Jinyong Peng

List of Publications by Year
in descending order

157 papers	6,830 citations	46984 47 h-index	88593 70 g-index
190 all docs	190 docs citations	190 times ranked	7927 citing authors

#	Article	IF	Citations
1	Natural products for the treatment of type 2 diabetes mellitus: Pharmacology and mechanisms. Pharmacological Research, 2018, 130, 451-465.	3.1	276
2	MicroRNA-140-5p aggravates doxorubicin-induced cardiotoxicity by promoting myocardial oxidative stress via targeting Nrf2 and Sirt2. Redox Biology, 2018, 15, 284-296.	3.9	224
3	A Review of the Anti-Inflammatory Effects of Rosmarinic Acid on Inflammatory Diseases. Frontiers in Pharmacology, 2020, 11, 153.	1.6	163
4	Protective effect of dioscin against doxorubicin-induced cardiotoxicity via adjusting microRNA-140-5p-mediated myocardial oxidative stress. Redox Biology, 2018, 16, 189-198.	3.9	151
5	Preparative separation of isovitexin and isoorientin from Patrinia villosa Juss by high-speed counter-current chromatography. Journal of Chromatography A, 2005, 1074, 111-115.	1.8	143
6	Dioscin, a natural steroid saponin, shows remarkable protective effect against acetaminophen-induced liver damage in vitro and in vivo. Toxicology Letters, 2012, 214, 69-80.	0.4	121
7	Dioscin ameliorates cerebral ischemia/reperfusion injury through the downregulation of TLR4 signaling via HMGB-1 inhibition. Free Radical Biology and Medicine, 2015, 84, 103-115.	1.3	119
8	Protective effects of dioscin against doxorubicin-induced nephrotoxicity via adjusting FXR-mediated oxidative stress and inflammation. Toxicology, 2017, 378, 53-64.	2.0	113
9	Dioscin: A diverse acting natural compound with therapeutic potential in metabolic diseases, cancer, inflammation and infections. Pharmacological Research, 2018, 137, 259-269.	3.1	105
10	Neuroprotective effect of phosphocreatine on oxidative stress and mitochondrial dysfunction induced apoptosis in vitro and in vivo: Involvement of dual PI3K/Akt and Nrf2/HO-1 pathways. Free Radical Biology and Medicine, 2018, 120, 228-238.	1.3	101
11	miR-125a-5p ameliorates hepatic glycolipid metabolism disorder in type 2 diabetes mellitus through targeting of STAT3. Theranostics, 2018, 8, 5593-5609.	4.6	99
12	Dioscin, a natural steroid saponin, induces apoptosis and DNA damage through reactive oxygen species: A potential new drug for treatment of glioblastoma multiforme. Food and Chemical Toxicology, 2013, 59, 657-669.	1.8	94
13	Dioscin alleviates alcoholic liver fibrosis by attenuating hepatic stellate cell activation via the TLR4/MyD88/NF-ÎºB signaling pathway. Scientific Reports, 2016, 5, 18038.	1.6	93
14	Mechanism investigation of dioscin against CCl 4 -induced acute liver damage in mice. Environmental Toxicology and Pharmacology, 2012, 34, 127-135.	2.0	92
15	Inhibition of HMGB1 release via salvianolic acid B-mediated SIRT1 up-regulation protects rats against non-alcoholic fatty liver disease. Scientific Reports, 2015, 5, 16013.	1.6	92
16	Dioscin alleviates BDL- and DMN-induced hepatic fibrosis via Sirt1/Nrf2-mediated inhibition of p38 MAPK pathway. Toxicology and Applied Pharmacology, 2016, 292, 19-29.	1.3	89
17	Protective effects of dioscin against cisplatinâ€induced nephrotoxicity via the microRNAâ€34a/sirtuin 1 signalling pathway. British Journal of Pharmacology, 2017, 174, 2512-2527.	2.7	84
18	Anti-cancer effects of dioscin on three kinds of human lung cancer cell lines through inducing DNA damage and activating mitochondrial signal pathway. Food and Chemical Toxicology, 2013, 59, 118-128.	1.8	79

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19	Potent effects of dioscin against liver fibrosis. Scientific Reports, 2015, 5, 9713.	1.6	79
20	Dioscin alleviates non-alcoholic fatty liver disease through adjusting lipid metabolism via SIRT1/AMPK signaling pathway. Pharmacological Research, 2018, 131, 51-60.	3.1	79
21	Salvianolic acid B protects against acetaminophen hepatotoxicity by inducing Nrf2 and phase II detoxification gene expression via activation of the PI3K and PKC signaling pathways. Journal of Pharmacological Sciences, 2015, 127, 203-210.	1.1	75
22	Potent effects of dioscin against obesity in mice. Scientific Reports, 2015, 5, 7973.	1.6	75
23	Protective effects of dioscin against fructose-induced renal damage via adjusting Sirt3-mediated oxidative stress, fibrosis, lipid metabolism and inflammation. Toxicology Letters, 2018, 284, 37-45.	0.4	75
24	Dioscin Attenuates Hepatic Ischemia-Reperfusion Injury in Rats Through Inhibition of Oxidative-Nitrative Stress, Inflammation and Apoptosis. Transplantation, 2014, 98, 604-611.	0.5	72
25	Dioscin attenuates renal ischemia/reperfusion injury by inhibiting the TLR4/MyD88 signaling pathway via up-regulation of HSP70. Pharmacological Research, 2015, 100, 341-352.	3.1	72
26	Dioscin reduces lipopolysaccharide-induced inflammatory liver injury via regulating TLR4/MyD88 signal pathway. International Immunopharmacology, 2016, 36, 132-141.	1.7	72
27	Dioscin alleviates lipopolysaccharide-induced inflammatory kidney injury via the microRNA let-7i/TLR4/MyD88 signaling pathway. Pharmacological Research, 2016, 111, 509-522.	3.1	71
28	Protective effects of dioscin against alcohol-induced liver injury. Archives of Toxicology, 2014, 88, 739-753.	1.9	70
29	MicroRNA-128-3p aggravates doxorubicin-induced liver injury by promoting oxidative stress via targeting Sirtuin-1. Pharmacological Research, 2019, 146, 104276.	3.1	69
30	Efficient new method for extraction and isolation of three flavonoids from Patrinia villosa Juss. by supercritical fluid extraction and high-speed counter-current chromatography. Journal of Chromatography A, 2006, 1102, 44-50.	1.8	66
31	Naringin prevents carbon tetrachloride-induced acute liver injury in mice. Journal of Functional Foods, 2015, 12, 179-191.	1.6	65
32	Potent effects of dioscin against pancreatic cancer via miRâ€149â€3Pâ€mediated inhibition of the Akt1 signalling pathway. British Journal of Pharmacology, 2017, 174, 553-568.	2.7	65
33	A green and efficient protocol for industrial-scale preparation of dioscin from Dioscorea nipponica Makino by two-step macroporous resin column chromatography. Chemical Engineering Journal, 2010, 165, 281-289.	6.6	63
34	Protective Effects of Dioscin against Lipopolysaccharide-Induced Acute Lung Injury through Inhibition of Oxidative Stress and Inflammation. Frontiers in Pharmacology, 2017, 8, 120.	1.6	62
35	Application of preparative high-speed counter-current chromatography for isolation and separation of schizandrin and gomisin A from Schisandra chinensis. Journal of Chromatography A, 2005, 1082, 203-207.	1.8	61
36	Potent anti-inflammatory effect of dioscin mediated by suppression ofÂTNF-Î±-induced VCAM-1, ICAM-1and EL expression via the NF-ÎºB pathway. Biochimie, 2015, 110, 62-72.	1.3	61

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37	Protective effects of the total saponins from Dioscorea nipponica Makino against carbon tetrachloride-induced liver injury in mice through suppression of apoptosis and inflammation. International Immunopharmacology, 2014, 19, 233-244.	1.7	60
38	EGCG protects against homocysteine-induced human umbilical vein endothelial cells apoptosis by modulating mitochondrial-dependent apoptotic signaling and PI3K/Akt/eNOS signaling pathways. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 672-680.	2.2	60
39	Protective Effect of the Total Flavonoids from Rosa laevigata Michx Fruit on Renal Ischemia-Reperfusion Injury through Suppression of Oxidative Stress and Inflammation. Molecules, 2016, 21, 952.	1.7	57
40	Synthesis of folate-chitosan nanoparticles loaded with ligustrazine to target folate receptor positive cancer cells. Molecular Medicine Reports, 2017, 16, 1101-1108.	1.1	56
41	Dioscin suppresses human laryngeal cancer cells growth via induction of cell-cycle arrest and MAPK-mediated mitochondrial-derived apoptosis and inhibition of tumor invasion. European Journal of Pharmacology, 2016, 774, 105-117.	1.7	55
42	Orthogonal test design for optimization of supercritical fluid extraction of daphnoretin, 7-methoxy-daphnoretin and 1,5-diphenyl-1-pentanone from Stellera chamaejasme L. and subsequent isolation by high-speed counter-current chromatography. Journal of Chromatography A, 2006, 1135, 151-157.	1.8	54
43	Cytotoxicity of berberine on human cervical carcinoma HeLa cells through mitochondria, death receptor and MAPK pathways, and in-silico drug-target prediction. Toxicology in Vitro, 2010, 24, 1482-1490.	1.1	53
44	Phosphocreatine protects endothelial cells from oxidized low-density lipoprotein-induced apoptosis by modulating the PI3K/Akt/eNOS pathway. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 1563-1576.	2.2	52
45	Protective effects of the total saponins from Rosa laevigata Michx fruit against carbon tetrachloride-induced acute liver injury in mice. Food and Chemical Toxicology, 2013, 62, 120-130.	1.8	51
46	Total Flavonoids from Rosa laevigata Michx Fruit Ameliorates Hepatic Ischemia/Reperfusion Injury through Inhibition of Oxidative Stress and Inflammation in Rats. Nutrients, 2016, 8, 418.	1.7	51
47	Preparative isolation of four new and two known flavonoids from the leaf of Patrinia villosa Juss. by counter-current chromatography and evaluation of their anticancer activities in vitro. Journal of Chromatography A, 2006, 1115, 103-111.	1.8	50
48	Total flavonoids from Rosa Laevigata Michx fruit attenuates hydrogen peroxide induced injury in human umbilical vein endothelial cells. Food and Chemical Toxicology, 2012, 50, 3133-3141.	1.8	48
49	SZC015, a synthetic oleanolic acid derivative, induces both apoptosis and autophagy in MCF-7 breast cancer cells. Chemico-Biological Interactions, 2016, 244, 94-104.	1.7	48
50	Protective effect of dioscin against intestinal ischemia/reperfusion injury via adjusting miR-351-5p-mediated oxidative stress. Pharmacological Research, 2018, 137, 56-63.	3.1	48
51	Potent effects of dioscin against hepatocellular carcinoma through regulating TP53â€induced glycolysis and apoptosis regulator (TIGAR)â€mediated apoptosis, autophagy, and DNA damage. British Journal of Pharmacology, 2019, 176, 919-937.	2.7	48
52	Dioscin Induces Apoptosis in Human Cervical Carcinoma HeLa and SiHa Cells through ROS-Mediated DNA Damage and the Mitochondrial Signaling Pathway. Molecules, 2016, 21, 730.	1.7	47
53	Targeting Pâ€glycoprotein and SORCIN: Dihydromyricetin strengthens antiâ€proliferative efficiency of adriamycin via MAPK/ERK and Ca²⁺â€mediated apoptosis pathways in MCFâ€7/ADR and K562/ADR. Journal of Cellular Physiology, 2018, 233, 3066-3079.	2.0	47
54	Rhizoma Dioscoreae Nipponicae polysaccharides protect HUVECs from H2O2-induced injury by regulating PPARÎ³ factor and the NADPH oxidase/ROSâ€“NF-ÎºB signal pathway. Toxicology Letters, 2015, 232, 149-158.	0.4	46

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55	Soluplus/TPGS mixed micelles for dioscin delivery in cancer therapy. Drug Development and Industrial Pharmacy, 2017, 43, 1197-1204.	0.9	46
56	Calycosin attenuates triglyceride accumulation and hepatic fibrosis in murine model of non-alcoholic steatohepatitis via activating farnesoid X receptor. Phytomedicine, 2017, 25, 83-92.	2.3	46
57	Protective effect of dioscin against thioacetamide-induced acute liver injury via FXR/AMPK signaling pathway in vivo. Biomedicine and Pharmacotherapy, 2018, 97, 481-488.	2.5	46
58	Potent Effects of Flavonoid-Rich Extract from Rosa laevigata Michx Fruit against Hydrogen Peroxide-Induced Damage in PC12 Cells via Attenuation of Oxidative Stress, Inflammation and Apoptosis. Molecules, 2014, 19, 11816-11832.	1.7	45
59	Dioscin reduces ovariectomy-induced bone loss by enhancing osteoblastogenesis and inhibiting osteoclastogenesis. Pharmacological Research, 2016, 108, 90-101.	3.1	45
60	Phosphocreatine protects endothelial cells from Methylglyoxal induced oxidative stress and apoptosis via the regulation of PI3K/Akt/eNOS and NF-Î¹B pathway. Vascular Pharmacology, 2017, 91, 26-35.	1.0	45
61	Scutellarin ameliorates nonalcoholic fatty liver disease through the PPARÎ³/PGC-1Î±-Nrf2 pathway. Free Radical Research, 2018, 52, 198-211.	1.5	44
62	Dioscin ameliorates intestinal ischemia/reperfusion injury via adjusting miR-351-5p/MAPK13-mediated inflammation and apoptosis. Pharmacological Research, 2019, 139, 431-439.	3.1	44
63	i<scp>TRAQ</scp>â€based proteomic analysis of dioscin on human <scp>HCT</scp>â€116 colon cancer cells. Proteomics, 2014, 14, 51-73.	1.3	43
64	Dioscin alleviates dimethylnitrosamine-induced acute liver injury through regulating apoptosis, oxidative stress and inflammation. Environmental Toxicology and Pharmacology, 2016, 45, 193-201.	2.0	43
65	Potent effects of dioscin against gastric cancer in vitro and in vivo. Phytomedicine, 2016, 23, 274-282.	2.3	43
66	Dioscin Inhibits HSC-T6 Cell Migration via Adjusting SDC-4 Expression: Insights from iTRAQ-Based Quantitative Proteomics. Frontiers in Pharmacology, 2017, 8, 665.	1.6	42
67	Development and evaluation of a novel drug delivery: Soluplus^{Â®}/TPGS mixed micelles loaded with piperine in vitro and in vivo. Drug Development and Industrial Pharmacy, 2018, 44, 1409-1416.	0.9	42
68	Scutellarin exerts protective effects against atherosclerosis in rats by regulating the Hippoâ€“FOXO3A and PI3K/AKT signaling pathways. Journal of Cellular Physiology, 2019, 234, 18131-18145.	2.0	40
69	Simultaneous determination of 11 active components in two well-known traditional Chinese medicines by HPLC coupled with diode array detection for quality control. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 1101-1108.	1.4	39
70	Effects of the Total Saponins from Rosa laevigata Michx Fruit against Acetaminophen-Induced Liver Damage in Mice via Induction of Autophagy and Suppression of Inflammation and Apoptosis. Molecules, 2014, 19, 7189-7206.	1.7	39
71	SZC017, a novel oleanolic acid derivative, induces apoptosis and autophagy in human breast cancer cells. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 1636-1650.	2.2	39
72	Isolation and purification of clemastanin B and indigoticoside A from Radix Isatidis by high-speed counter-current chromatography. Journal of Chromatography A, 2005, 1091, 89-93.	1.8	38

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73	Preparative isolation and separation of a novel and two known flavonoids from Patrinia villosa Juss by high-speed counter-current chromatography. Journal of Chromatography A, 2005, 1092, 235-240.	1.8	38
74	Quantitative chemical proteomics for investigating the biomarkers of dioscin against liver fibrosis caused by CCl₄ in rats. Chemical Communications, 2015, 51, 11064-11067.	2.2	38
75	JBP485 improves gentamicin-induced acute renal failure by regulating the expression and function of Oat1 and Oat3 in rats. Toxicology and Applied Pharmacology, 2013, 271, 285-295.	1.3	37
76	Supercritical fluid extraction of aurentiamide acetate from Patrinia villosa Juss and subsequent isolation by silica gel and high-speed counter-current chromatography. Journal of Chromatography A, 2005, 1083, 52-57.	1.8	35
77	Targeting P-glycoprotein expression and cancer cell energy metabolism: combination of metformin and 2-deoxyglucose reverses the multidrug resistance of K562/Dox cells to doxorubicin. Tumor Biology, 2016, 37, 8587-8597.	0.8	35
78	iTRAQ-based proteomics for studying the effects of dioscin against nonalcoholic fatty liver disease in rats. RSC Advances, 2014, 4, 30704.	1.7	34
79	Alisol B 23-acetate promotes liver regeneration in mice after partial hepatectomy via activating farnesoid X receptor. Biochemical Pharmacology, 2014, 92, 289-298.	2.0	34
80	Dioscin protects against ANITâ€“induced cholestasis via regulating Oatps, Mrp2 and Bsep expression in rats. Toxicology and Applied Pharmacology, 2016, 305, 127-135.	1.3	34
81	Design and synthesis of sulfonamide-substituted diphenylpyrimidines (SFA-DPPYs) as potent Bruton's tyrosine kinase (BTK) inhibitors with improved activity toward B-cell lymphoblastic leukemia. European Journal of Medicinal Chemistry, 2017, 135, 60-69.	2.6	33
82	Targeting P-glycoprotein function, p53 and energy metabolism: Combination of metformin and 2-deoxyglucose reverses the multidrug resistance of MCF-7/Dox cells to doxorubicin. Oncotarget, 2017, 8, 8622-8632.	0.8	33
83	Preparative purification of bromelain (EC 3.4.22.33) from pineapple fruit by high-speed counter-current chromatography using a reverse-micelle solvent system. Food Chemistry, 2011, 129, 925-932.	4.2	32
84	MicroRNAâ€351â€5p aggravates intestinal ischaemia/reperfusion injury through the targeting of MAPK13 and Sirtuinâ€6. British Journal of Pharmacology, 2018, 175, 3594-3609.	2.7	31
85	Protective Effect of the Total Saponins from Rosa laevigata Michx Fruit against Carbon Tetrachloride-Induced Liver Fibrosis in Rats. Nutrients, 2015, 7, 4829-4850.	1.7	30
86	Dioscin strengthens the efficiency of adriamycin in MCF-7 and MCF-7/ADR cells through autophagy induction: More than just down-regulation of MDR1. Scientific Reports, 2016, 6, 28403.	1.6	28
87	Protective effects of dioscin against systemic inflammatory response syndromevia adjusting TLR2/MyD88/NFâ€Îºb signal pathway. International Immunopharmacology, 2018, 65, 458-469.	1.7	27
88	In situ monitoring of the structural change of microemulsions in simulated gastrointestinal conditions by SAXS and FRET. Acta Pharmaceutica Sinica B, 2018, 8, 655-665.	5.7	27
89	Structural optimization of diphenylpyrimidine derivatives (DPPYs) as potent Bruton's tyrosine kinase (BTK) inhibitors with improved activity toward B leukemia cell lines. European Journal of Medicinal Chemistry, 2017, 126, 444-455.	2.6	26
90	Neuroprotective Effect of Dioscin on the Aging Brain. Molecules, 2019, 24, 1247.	1.7	26

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91	Effects of calycosin against highâ€fat dietâ€induced nonalcoholic fatty liver disease in mice. Journal of Gastroenterology and Hepatology (Australia), 2018, 33, 533-542.	1.4	25
92	MicroRNAâ€29bâ€3p reduces intestinal ischaemia/reperfusion injury via targeting of TNF receptorâ€associated factor 3. British Journal of Pharmacology, 2019, 176, 3264-3278.	2.7	25
93	Synthesis and biological evaluation of azole-diphenylpyrimidine derivatives (AzDPPYs) as potent T790M mutant form of epidermal growth factor receptor inhibitors. Bioorganic and Medicinal Chemistry, 2016, 24, 5505-5512.	1.4	24
94	Discovery of Novel Brutonâ€™s Tyrosine Kinase (BTK) Inhibitors Bearing a N,9-Diphenyl-9H-purin-2-amine Scaffold. ACS Medicinal Chemistry Letters, 2016, 7, 1050-1055.	1.3	24
95	Dioscin, a potent ITGA5 inhibitor, reduces the synthesis of collagen against liver fibrosis: Insights from SILAC-based proteomics analysis. Food and Chemical Toxicology, 2017, 107, 318-328.	1.8	24
96	Rosmarinic acid exerts an antagonistic effect on vascular calcification by regulating the Nrf2 signalling pathway. Free Radical Research, 2019, 53, 187-197.	1.5	24
97	The effects of Zibu Piyin Recipe components on scopolamine-induced learning and memory impairment in the mouse. Journal of Ethnopharmacology, 2014, 151, 576-582.	2.0	23
98	Anticancer effect of SZC015 on lung cancer cells through ROS-dependent apoptosis and autophagy induction mechanisms in vitro. International Immunopharmacology, 2016, 40, 400-409.	1.7	22
99	Phosphocreatine protects against LPS-induced human umbilical vein endothelial cell apoptosis by regulating mitochondrial oxidative phosphorylation. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 283-297.	2.2	22
100	Evaluation of chiral separation based on bovine serum albuminâ€“conjugated carbon nanotubes as stationary phase in capillary electrochromatography. Electrophoresis, 2020, 41, 1253-1260.	1.3	22
101	A new anticancer dihydroflavanoid from the root ofSpiranthes australis(R. Brown) Lindl. Natural Product Research, 2007, 21, 641-645.	1.0	21
102	PEPT1- and OAT1/3-mediated drugâ€“drug interactions between bestatin and cefixime in vivo and in vitro in rats, and in vitro in human. European Journal of Pharmaceutical Sciences, 2014, 63, 77-86.	1.9	21
103	Anticancer effect of SZC017, a novel derivative of oleanolic acid, on human gastric cancer cells. Oncology Reports, 2016, 35, 1101-1108.	1.2	21
104	Induction of autophagy by an oleanolic acid derivative, SZC017, promotes ROSâ€dependent apoptosis through Akt and JAK2/STAT3 signaling pathway in human lung cancer cells. Cell Biology International, 2017, 41, 1367-1378.	1.4	21
105	PEPT1 involved in the uptake and transepithelial transport of cefditoren in vivo and in vitro. European Journal of Pharmacology, 2009, 612, 9-14.	1.7	20
106	Dioscin attenuates gastric ischemia/reperfusion injury through the down-regulation of PKC/ERK1/2 signaling via PKCÎ± and PKCÎ²2 inhibition. Chemico-Biological Interactions, 2016, 258, 234-244.	1.7	20
107	Dioscin Protects ANIT-Induced Intrahepatic Cholestasis Through Regulating Transporters, Apoptosis and Oxidative Stress. Frontiers in Pharmacology, 2017, 8, 116.	1.6	20
108	Cilastatin protects against imipenem-induced nephrotoxicity via inhibition of renal organic anion transporters (OATs). Acta Pharmaceutica Sinica B, 2019, 9, 986-996.	5.7	20

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109	Phosphocreatine Improves Cardiac Dysfunction by Normalizing Mitochondrial Respiratory Function through JAK2/STAT3 Signaling Pathway In Vivo and In Vitro. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-18.	1.9	20
110	Efficient protocol for purification of diosgenin and two fatty acids from Rhizoma dioscoreae by SFE coupled with highâ€speed counterâ€current chromatography and evaporative light scattering detection. Journal of Separation Science, 2008, 31, 3638-3646.	1.3	19
111	Protection by the Total Flavonoids from Rosa laevigata Michx Fruit against Lipopolysaccharide-Induced Liver Injury in Mice via Modulation of FXR Signaling. Foods, 2018, 7, 88.	1.9	19
112	Combination of dihydromyricetin and ondansetron strengthens antiproliferative efficiency of adriamycin in K562/ADR through downregulation of SORCIN: A new strategy of inhibiting Pâ€glycoprotein. Journal of Cellular Physiology, 2019, 234, 3685-3696.	2.0	19
113	In-silico prediction of drug targets, biological activities, signal pathways and regulating networks of dioscin based on bioinformatics. BMC Complementary and Alternative Medicine, 2015, 15, 41.	3.7	17
114	Inhibition of Epithelial TNF-Î± Receptors by Purified Fruit Bromelain Ameliorates Intestinal Inflammation and Barrier Dysfunction in Colitis. Frontiers in Immunology, 2017, 8, 1468.	2.2	17
115	Rosmarinic acid exerts an antagonistic effect on nonalcoholic fatty liver disease by regulating the <scp>YAP1</scp>/<scp>TAZâ€PPARÎ³</scp>/<scp>PGC</scp>â€1Î± signaling pathway. Phytotherapy Research, 2021, 35, 1010-1022.	2.8	17
116	Trends in Counter-Current Chromatography: Applications to Natural Products Purification. Separation and Purification Reviews, 2010, 39, 33-62.	2.8	16
117	Application of high-speed counter-current chromatography coupled with a reverse micelle solvent system to separate three proteins from Momordica charantia. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 895-896, 77-82.	1.2	16
118	Preparation and Optimization Lipid Nanocapsules to Enhance the Antitumor Efficacy of Cisplatin in Hepatocellular Carcinoma HepG2 Cells. AAPS PharmSciTech, 2018, 19, 2048-2057.	1.5	16
119	Sesamin Protects against and Ameliorates Rat Intestinal Ischemia/Reperfusion Injury with Involvement of Activating Nrf2/HO-1/NQO1 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	15
120	Preparative separation of four triterpene saponins from radix astragali by highâ€speed counterâ€current chromatography coupled with evaporative light scattering detection. Phytochemical Analysis, 2008, 19, 212-217.	1.2	14
121	Simultaneous Determination of Ten Active Components in Chinese Medicine â€œHuang-Lian-Shang-Qingâ€• Tablets by High-Performance Liquid Chromatography Coupled with Photodiode Array Detection. Analytical Letters, 2010, 43, 545-556.	1.0	14
122	Orthogonal test design for optimization of suitable conditions to separate Câ€phycocyanin from Spirulina platensis by highâ€speed counterâ€current chromatography using reverse micelle solvent system. Journal of Separation Science, 2011, 34, 1253-1260.	1.3	14
123	Dioscin enhances methotrexate absorption by down-regulating MDR1 in vitro and in vivo. Toxicology and Applied Pharmacology, 2014, 277, 146-154.	1.3	14
124	Puerarin improves methotrexate-induced renal damage by up-regulating renal expression of Oat1 and Oat3 in vivo and in vitro. Biomedicine and Pharmacotherapy, 2018, 103, 915-922.	2.5	14
125	3D disorganization and rearrangement of genome provide insights into pathogenesis of NAFLD by integrated Hi-C, Nanopore, and RNA sequencing. Acta Pharmaceutica Sinica B, 2021, 11, 3150-3164.	5.7	14
126	Total saponins fromRosa laevigataMichx fruit attenuates hepatic steatosis induced by high-fat diet in rats. Food and Function, 2014, 5, 3065-3075.	2.1	13

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127	Effect of dioscin on promoting liver regeneration via activating Notch1/Jagged1 signal pathway. Phytomedicine, 2018, 38, 107-117.	2.3	13
128	Organic anion transporters also mediate the drugâ€“drug interaction between imipenem and cilastatin. Asian Journal of Pharmaceutical Sciences, 2020, 15, 252-263.	4.3	13
129	Preparative Separation and Isolation of Three Flavonoids and Three Phloroglucinol Derivatives from Hypericum japonicum Thumb. using Highâ€Speed Countercurrent Chromatography by Stepwise Increasing the Flow Rate of the Mobile Phase. Journal of Liquid Chromatography and Related Technologies, 2006, 29, 1619-1632.	0.5	12
130	New Approach for Application of High Speed Countercurrent Chromatography Coupled with Direct Injection of the Powders of a Raw Material without any Preparation, for Isolation and Separation of Four Alkaloids with High Recoveries from Coptis chinensis Franch. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 2929-2940.	0.5	12
131	Efficient Protocol for Large-Scale Purification of Naringin with High Recovery from Fructus aurantii by Macroporous Resin Column Chromatography and HSCCC. Chromatographia, 2008, 68, 319-326.	0.7	12
132	C -2 (E)-4-(Styryl)aniline substituted diphenylpyrimidine derivatives (Sty-DPPYs) as specific kinase inhibitors targeting clinical resistance related EGFR T790M mutant. Bioorganic and Medicinal Chemistry, 2017, 25, 2724-2729.	1.4	12
133	The neuroprotective effects of phosphocreatine on Amyloid Beta 25â€“35-induced differentiated neuronal cell death through inhibition of AKT /GSK-3Î² /Tau/APP /CDK5 pathways in vivo and vitro. Free Radical Biology and Medicine, 2021, 162, 181-190.	1.3	12
134	Anticancer effect of SZC015 on pancreatic cancer via mitochondriaâ€dependent apoptosis and the constitutive suppression of activated nuclear factor ÎºB and STAT3 in vitro and in vivo. Journal of Cellular Physiology, 2019, 234, 777-788.	2.0	11
135	Decreased liver distribution of entecavir is related to down-regulation of Oat2/Oct1 and up-regulation of Mrp1/2/3/5 in rat liver fibrosis. European Journal of Pharmaceutical Sciences, 2015, 71, 73-79.	1.9	10
136	Organic anion transporters 1 (OAT1) and OAT3 meditated the protective effect of rhein on methotrexate-induced nephrotoxicity. RSC Advances, 2017, 7, 25461-25468.	1.7	10
137	Singleâ€Step Preparative Isolation and Separation of Three Flavonones from Sophora flavescens using Highâ€Speed Countercurrent Chromatography with Stepwise Increase in the Mobile Phase Flow Rate. Journal of Liquid Chromatography and Related Technologies, 2006, 29, 913-924.	0.5	9
138	Specific Inhibition of CYP4A Alleviates Myocardial Oxidative Stress and Apoptosis Induced by Advanced Glycation End-Products. Frontiers in Pharmacology, 2019, 10, 876.	1.6	9
139	Protection of pancreatic Î²-cell by phosphocreatine through mitochondrial improvement via the regulation of dual AKT/IRS-1/GSK-3Î² and STAT3/Cyp-D signaling pathways. Cell Biology and Toxicology, 2022, 38, 531-551.	2.4	9
140	Preparative purification of five bioactive components from Agrimonia pilosa<scp>L</scp>edeb by highâ€speed counterâ€current chromatography. Journal of Separation Science, 2012, 35, 1977-1984.	1.3	8
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