

Jinyong Peng

List of Publications by Year in descending order

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Version: 2024-02-01

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	Protection of pancreatic β -cell by phosphocreatine through mitochondrial improvement via the regulation of dual AKT/IRS-1/GSK-3 β and STAT3/Cyp-D signaling pathways. <i>Cell Biology and Toxicology</i> , 2022, 38, 531-551.	2.4	9
2	Neuroprotective Effect of Dioscin against Parkinson's Disease via Adjusting Dual-Specificity Phosphatase 6 (DUSP6)-Mediated Oxidative Stress. <i>Molecules</i> , 2022, 27, 3151.	1.7	2
3	The neuroprotective effects of phosphocreatine on Amyloid Beta 25 β 35-induced differentiated neuronal cell death through inhibition of AKT/GSK-3 β /Tau/APP/CDK5 pathways in vivo and vitro. <i>Free Radical Biology and Medicine</i> , 2021, 162, 181-190.	1.3	12
4	Rosmarinic acid exerts an antagonistic effect on nonalcoholic fatty liver disease by regulating the YAP1/TAZ/PPAR β /PGC-1 α signaling pathway. <i>Phytotherapy Research</i> , 2021, 35, 1010-1022.	2.8	17
5	3D disorganization and rearrangement of genome provide insights into pathogenesis of NAFLD by integrated Hi-C, Nanopore, and RNA sequencing. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3150-3164.	5.7	14
6	Sesamin Protects against and Ameliorates Rat Intestinal Ischemia/Reperfusion Injury with Involvement of Activating Nrf2/HO-1/NQO1 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	1.9	15
7	Enhancement of gemcitabine efficacy by K73-03 via epigenetically regulation of miR-421/SPINK1 in gemcitabine resistant pancreatic cancer cells. <i>Phytomedicine</i> , 2021, 91, 153711.	2.3	5
8	Organic anion transporters also mediate the drug-drug interaction between imipenem and cilastatin. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 252-263.	4.3	13
9	MicroRNA-874-3p Aggravates Doxorubicin-Induced Renal Podocyte Injury via Targeting Methionine Sulfoxide Reductase B3. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-18.	1.9	5
10	A Review of the Anti-Inflammatory Effects of Rosmarinic Acid on Inflammatory Diseases. <i>Frontiers in Pharmacology</i> , 2020, 11, 153.	1.6	163
11	Evaluation of chiral separation based on bovine serum albumin-conjugated carbon nanotubes as stationary phase in capillary electrochromatography. <i>Electrophoresis</i> , 2020, 41, 1253-1260.	1.3	22
12	Effects of Saccharides from <i>Arctium lappa</i> L. Root on FeCl $_3$ -Induced Arterial Thrombosis via the ERK/NF- κ B Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	1.9	5
13	Anticancer effect of SZC015 on pancreatic cancer via mitochondria-dependent apoptosis and the constitutive suppression of activated nuclear factor κ B and STAT3 in vitro and in vivo. <i>Journal of Cellular Physiology</i> , 2019, 234, 777-788.	2.0	11
14	Specific Inhibition of CYP4A Alleviates Myocardial Oxidative Stress and Apoptosis Induced by Advanced Glycation End-Products. <i>Frontiers in Pharmacology</i> , 2019, 10, 876.	1.6	9
15	Potent effects of dioscin against hepatocellular carcinoma through regulating TP53-induced glycolysis and apoptosis regulator (TIGAR)-mediated apoptosis, autophagy, and DNA damage. <i>British Journal of Pharmacology</i> , 2019, 176, 919-937.	2.7	48
16	MicroRNA-29b-3p reduces intestinal ischaemia/reperfusion injury via targeting of TNF receptor-associated factor 3. <i>British Journal of Pharmacology</i> , 2019, 176, 3264-3278.	2.7	25
17	Cilastatin protects against imipenem-induced nephrotoxicity via inhibition of renal organic anion transporters (OATs). <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 986-996.	5.7	20
18	MicroRNA-128-3p aggravates doxorubicin-induced liver injury by promoting oxidative stress via targeting Sirtuin-1. <i>Pharmacological Research</i> , 2019, 146, 104276.	3.1	69

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19	Scutellarin exerts protective effects against atherosclerosis in rats by regulating the Hippo-FOXO3A and PI3K/AKT signaling pathways. <i>Journal of Cellular Physiology</i> , 2019, 234, 18131-18145.	2.0	40
20	Piperacillin enhances the inhibitory effect of tazobactam on β -lactamase through inhibition of organic anion transporter 1/3 in rats. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 677-686.	4.3	1
21	Rosmarinic acid exerts an antagonistic effect on vascular calcification by regulating the Nrf2 signalling pathway. <i>Free Radical Research</i> , 2019, 53, 187-197.	1.5	24
22	Neuroprotective Effect of Dioscin on the Aging Brain. <i>Molecules</i> , 2019, 24, 1247.	1.7	26
23	Phosphocreatine Improves Cardiac Dysfunction by Normalizing Mitochondrial Respiratory Function through JAK2/STAT3 Signaling Pathway <i>In Vivo</i> and <i>In Vitro</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	1.9	20
24	Combination of dihydromyricetin and ondansetron strengthens antiproliferative efficiency of adriamycin in K562/ADR through downregulation of SORCIN: A new strategy of inhibiting β -glycoprotein. <i>Journal of Cellular Physiology</i> , 2019, 234, 3685-3696.	2.0	19
25	Dioscin ameliorates intestinal ischemia/reperfusion injury via adjusting miR-351-5p/MAPK13-mediated inflammation and apoptosis. <i>Pharmacological Research</i> , 2019, 139, 431-439.	3.1	44
26	Preparation and Optimization Lipid Nanocapsules to Enhance the Antitumor Efficacy of Cisplatin in Hepatocellular Carcinoma HepG2 Cells. <i>AAPS PharmSciTech</i> , 2018, 19, 2048-2057.	1.5	16
27	Scutellarin ameliorates nonalcoholic fatty liver disease through the PPAR γ /PGC-1 α -Nrf2 pathway. <i>Free Radical Research</i> , 2018, 52, 198-211.	1.5	44
28	Natural products for the treatment of type 2 diabetes mellitus: Pharmacology and mechanisms. <i>Pharmacological Research</i> , 2018, 130, 451-465.	3.1	276
29	MicroRNA-140-5p aggravates doxorubicin-induced cardiotoxicity by promoting myocardial oxidative stress via targeting Nrf2 and Sirt2. <i>Redox Biology</i> , 2018, 15, 284-296.	3.9	224
30	Development and evaluation of a novel drug delivery: Soluplus [®] /TPGS mixed micelles loaded with piperine <i>in vitro</i> and <i>in vivo</i> . <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1409-1416.	0.9	42
31	Puerarin improves methotrexate-induced renal damage by up-regulating renal expression of Oat1 and Oat3 <i>in vivo</i> and <i>in vitro</i> . <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 915-922.	2.5	14
32	Dioscin alleviates non-alcoholic fatty liver disease through adjusting lipid metabolism via SIRT1/AMPK signaling pathway. <i>Pharmacological Research</i> , 2018, 131, 51-60.	3.1	79
33	Neuroprotective effect of phosphocreatine on oxidative stress and mitochondrial dysfunction induced apoptosis <i>in vitro</i> and <i>in vivo</i> : Involvement of dual PI3K/Akt and Nrf2/HO-1 pathways. <i>Free Radical Biology and Medicine</i> , 2018, 120, 228-238.	1.3	101
34	Protective effect of dioscin against doxorubicin-induced cardiotoxicity via adjusting microRNA-140-5p-mediated myocardial oxidative stress. <i>Redox Biology</i> , 2018, 16, 189-198.	3.9	151
35	Targeting β -glycoprotein and SORCIN: Dihydromyricetin strengthens anti-proliferative efficiency of adriamycin via MAPK/ERK and Ca ²⁺ -mediated apoptosis pathways in MCF7/ADR and K562/ADR. <i>Journal of Cellular Physiology</i> , 2018, 233, 3066-3079.	2.0	47
36	Effects of calycosin against high-fat diet-induced nonalcoholic fatty liver disease in mice. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018, 33, 533-542.	1.4	25

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37	Protective effect of dioscin against thioacetamide-induced acute liver injury via FXR/AMPK signaling pathway in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 481-488.	2.5	46
38	Protective effects of dioscin against fructose-induced renal damage via adjusting Sirt3-mediated oxidative stress, fibrosis, lipid metabolism and inflammation. <i>Toxicology Letters</i> , 2018, 284, 37-45.	0.4	75
39	Effect of dioscin on promoting liver regeneration via activating Notch1/Jagged1 signal pathway. <i>Phytomedicine</i> , 2018, 38, 107-117.	2.3	13
40	Protective effects of dioscin against systemic inflammatory response syndrome via adjusting TLR2/MyD88/NF- κ B signal pathway. <i>International Immunopharmacology</i> , 2018, 65, 458-469.	1.7	27
41	miR-125a-5p ameliorates hepatic glycolipid metabolism disorder in type 2 diabetes mellitus through targeting of STAT3. <i>Theranostics</i> , 2018, 8, 5593-5609.	4.6	99
42	Phosphocreatine attenuates endoplasmic reticulum stress-mediated hepatocellular apoptosis ameliorates insulin resistance in diabetes model. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 611-618.	1.0	7
43	Dioscin: A diverse acting natural compound with therapeutic potential in metabolic diseases, cancer, inflammation and infections. <i>Pharmacological Research</i> , 2018, 137, 259-269.	3.1	105
44	Protective effect of dioscin against intestinal ischemia/reperfusion injury via adjusting miR-351-5p-mediated oxidative stress. <i>Pharmacological Research</i> , 2018, 137, 56-63.	3.1	48
45	In situ monitoring of the structural change of microemulsions in simulated gastrointestinal conditions by SAXS and FRET. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 655-665.	5.7	27
46	MicroRNA-351-5p aggravates intestinal ischaemia/reperfusion injury through the targeting of MAPK13 and Sirtuin-6. <i>British Journal of Pharmacology</i> , 2018, 175, 3594-3609.	2.7	31
47	Simultaneous quantification of Schisandrin B enantiomers in rat plasma by chiral LC-MS/MS: Application in a stereoselective pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 186-191.	1.4	4
48	Involvement of organic cation transporter 2 in the metformin-associated increased lactate levels caused by contrast-induced nephropathy. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1760-1766.	2.5	6
49	Pharmacokinetic changes of cefdinir and cefditoren and its molecular mechanisms in acute kidney injury in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1503-1512.	1.2	5
50	Protection by the Total Flavonoids from <i>Rosa laevigata</i> Michx Fruit against Lipopolysaccharide-Induced Liver Injury in Mice via Modulation of FXR Signaling. <i>Foods</i> , 2018, 7, 88.	1.9	19
51	Potent effects of dioscin against pancreatic cancer via miR-149a-3p-mediated inhibition of the Akt1 signalling pathway. <i>British Journal of Pharmacology</i> , 2017, 174, 553-568.	2.7	65
52	Protective effects of dioscin against doxorubicin-induced nephrotoxicity via adjusting FXR-mediated oxidative stress and inflammation. <i>Toxicology</i> , 2017, 378, 53-64.	2.0	113
53	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. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 60-69.	2.6	33
54	A stronger reversal effect of the combination of dasatinib and menadione on P-gp-mediated multidrug resistance in human leukemia K562/Adr cell line. <i>RSC Advances</i> , 2017, 7, 17227-17235.	1.7	2

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55	Protective effects of dioscin against cisplatin-induced nephrotoxicity via the microRNA-34a/sirtuin 1 signalling pathway. <i>British Journal of Pharmacology</i> , 2017, 174, 2512-2527.	2.7	84
56	Soluplus/TPGS mixed micelles for dioscin delivery in cancer therapy. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1197-1204.	0.9	46
57	C-2 (E)-4-(Styryl)aniline substituted diphenylpyrimidine derivatives (Sty-DPPYs) as specific kinase inhibitors targeting clinical resistance related EGFR T790M mutant. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2724-2729.	1.4	12
58	EGCG protects against homocysteine-induced human umbilical vein endothelial cells apoptosis by modulating mitochondrial-dependent apoptotic signaling and PI3K/Akt/eNOS signaling pathways. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 672-680.	2.2	60
59	Calycosin attenuates triglyceride accumulation and hepatic fibrosis in murine model of non-alcoholic steatohepatitis via activating farnesoid X receptor. <i>Phytomedicine</i> , 2017, 25, 83-92.	2.3	46
60	Fruit bromelain ameliorates rat constipation induced by loperamide. <i>RSC Advances</i> , 2017, 7, 45252-45259.	1.7	4
61	Induction of autophagy by an oleanolic acid derivative, SZC017, promotes ROS-dependent apoptosis through Akt and JAK2/STAT3 signaling pathway in human lung cancer cells. <i>Cell Biology International</i> , 2017, 41, 1367-1378.	1.4	21
62	Dioscin, a potent ITGA5 inhibitor, reduces the synthesis of collagen against liver fibrosis: Insights from SILAC-based proteomics analysis. <i>Food and Chemical Toxicology</i> , 2017, 107, 318-328.	1.8	24
63	Organic anion transporters 1 (OAT1) and OAT3 mediated the protective effect of rhein on methotrexate-induced nephrotoxicity. <i>RSC Advances</i> , 2017, 7, 25461-25468.	1.7	10
64	Synthesis of folate-chitosan nanoparticles loaded with ligustrazine to target folate receptor positive cancer cells. <i>Molecular Medicine Reports</i> , 2017, 16, 1101-1108.	1.1	56
65	Phosphocreatine protects endothelial cells from Methylglyoxal induced oxidative stress and apoptosis via the regulation of PI3K/Akt/eNOS and NF- κ B pathway. <i>Vascular Pharmacology</i> , 2017, 91, 26-35.	1.0	45
66	Structural optimization of diphenylpyrimidine derivatives (DPPYs) as potent Bruton's tyrosine kinase (BTK) inhibitors with improved activity toward B leukemia cell lines. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 444-455.	2.6	26
67	Liver uptake of cefditoren is mediated by OATP1B1 and OATP2B1 in humans and Oatp1a1, Oatp1a4, and Oatp1b2 in rats. <i>RSC Advances</i> , 2017, 7, 30038-30048.	1.7	5
68	Protective Effects of Dioscin against Lipopolysaccharide-Induced Acute Lung Injury through Inhibition of Oxidative Stress and Inflammation. <i>Frontiers in Pharmacology</i> , 2017, 8, 120.	1.6	62
69	Dioscin Inhibits HSC-T6 Cell Migration via Adjusting SDC-4 Expression: Insights from iTRAQ-Based Quantitative Proteomics. <i>Frontiers in Pharmacology</i> , 2017, 8, 665.	1.6	42
70	Dioscin Protects ANIT-Induced Intrahepatic Cholestasis Through Regulating Transporters, Apoptosis and Oxidative Stress. <i>Frontiers in Pharmacology</i> , 2017, 8, 116.	1.6	20
71	Inhibition of Epithelial TNF- α Receptors by Purified Fruit Bromelain Ameliorates Intestinal Inflammation and Barrier Dysfunction in Colitis. <i>Frontiers in Immunology</i> , 2017, 8, 1468.	2.2	17
72	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. <i>Oncotarget</i> , 2017, 8, 8622-8632.	0.8	33

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73	Protective Effect of the Total Flavonoids from <i>Rosa laevigata</i> Michx Fruit on Renal Ischemia-Reperfusion Injury through Suppression of Oxidative Stress and Inflammation. <i>Molecules</i> , 2016, 21, 952.	1.7	57
74	Total Flavonoids from <i>Rosa laevigata</i> Michx Fruit Ameliorates Hepatic Ischemia/Reperfusion Injury through Inhibition of Oxidative Stress and Inflammation in Rats. <i>Nutrients</i> , 2016, 8, 418.	1.7	51
75	Dioscin Induces Apoptosis in Human Cervical Carcinoma HeLa and SiHa Cells through ROS-Mediated DNA Damage and the Mitochondrial Signaling Pathway. <i>Molecules</i> , 2016, 21, 730.	1.7	47
76	Dioscin strengthens the efficiency of adriamycin in MCF-7 and MCF-7/ADR cells through autophagy induction: More than just down-regulation of MDR1. <i>Scientific Reports</i> , 2016, 6, 28403.	1.6	28
77	Protective effects of formononetin against rhabdomyolysis-induced acute kidney injury by upregulating Nrf2 in vivo and in vitro. <i>RSC Advances</i> , 2016, 6, 110874-110883.	1.7	7
78	Dioscin reduces ovariectomy-induced bone loss by enhancing osteoblastogenesis and inhibiting osteoclastogenesis. <i>Pharmacological Research</i> , 2016, 108, 90-101.	3.1	45
79	Dioscin suppresses human laryngeal cancer cells growth via induction of cell-cycle arrest and MAPK-mediated mitochondrial-derived apoptosis and inhibition of tumor invasion. <i>European Journal of Pharmacology</i> , 2016, 774, 105-117.	1.7	55
80	Anticancer effect of SZC017, a novel derivative of oleanolic acid, on human gastric cancer cells. <i>Oncology Reports</i> , 2016, 35, 1101-1108.	1.2	21
81	Dioscin reduces lipopolysaccharide-induced inflammatory liver injury via regulating TLR4/MyD88 signal pathway. <i>International Immunopharmacology</i> , 2016, 36, 132-141.	1.7	72
82	Synthesis and biological evaluation of azole-diphenylpyrimidine derivatives (AzDPPYs) as potent T790M mutant form of epidermal growth factor receptor inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5505-5512.	1.4	24
83	Anticancer effect of SZC015 on lung cancer cells through ROS-dependent apoptosis and autophagy induction mechanisms in vitro. <i>International Immunopharmacology</i> , 2016, 40, 400-409.	1.7	22
84	Dioscin alleviates lipopolysaccharide-induced inflammatory kidney injury via the microRNA let-7i/TLR4/MyD88 signaling pathway. <i>Pharmacological Research</i> , 2016, 111, 509-522.	3.1	71
85	Dioscin attenuates gastric ischemia/reperfusion injury through the down-regulation of PKC/ERK1/2 signaling via PKC ζ and PKC δ 2 inhibition. <i>Chemico-Biological Interactions</i> , 2016, 258, 234-244.	1.7	20
86	Discovery of Novel Bruton's Tyrosine Kinase (BTK) Inhibitors Bearing a 9-Diphenyl-9H-purin-2-amine Scaffold. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 1050-1055.	1.3	24
87	Dioscin alleviates alcoholic liver fibrosis by attenuating hepatic stellate cell activation via the TLR4/MyD88/NF- κ B signaling pathway. <i>Scientific Reports</i> , 2016, 5, 18038.	1.6	93
88	Dioscin alleviates dimethylnitrosamine-induced acute liver injury through regulating apoptosis, oxidative stress and inflammation. <i>Environmental Toxicology and Pharmacology</i> , 2016, 45, 193-201.	2.0	43
89	Dioscin protects against ANIT-induced cholestasis via regulating Oatps, Mrp2 and Bsep expression in rats. <i>Toxicology and Applied Pharmacology</i> , 2016, 305, 127-135.	1.3	34
90	Dioscin alleviates BDL- and DMN-induced hepatic fibrosis via Sirt1/Nrf2-mediated inhibition of p38 MAPK pathway. <i>Toxicology and Applied Pharmacology</i> , 2016, 292, 19-29.	1.3	89

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91	Potent effects of dioscin against gastric cancer in vitro and in vivo. <i>Phytomedicine</i> , 2016, 23, 274-282.	2.3	43
92	Phosphocreatine protects against LPS-induced human umbilical vein endothelial cell apoptosis by regulating mitochondrial oxidative phosphorylation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 283-297.	2.2	22
93	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. <i>Tumor Biology</i> , 2016, 37, 8587-8597.	0.8	35
94	SZC015, a synthetic oleanolic acid derivative, induces both apoptosis and autophagy in MCF-7 breast cancer cells. <i>Chemico-Biological Interactions</i> , 2016, 244, 94-104.	1.7	48
95	Inhibition of HMGB1 release via salvianolic acid B-mediated SIRT1 up-regulation protects rats against non-alcoholic fatty liver disease. <i>Scientific Reports</i> , 2015, 5, 16013.	1.6	92
96	Protective Effect of the Total Saponins from <i>Rosa laevigata</i> Michx Fruit against Carbon Tetrachloride-Induced Liver Fibrosis in Rats. <i>Nutrients</i> , 2015, 7, 4829-4850.	1.7	30
97	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. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 203-210.	1.1	75
98	Potent anti-inflammatory effect of dioscin mediated by suppression of $\hat{\Delta}$ TNF- $\hat{\Delta}$ -induced VCAM-1, ICAM-1 and EL expression via the NF- $\hat{\Delta}$ B pathway. <i>Biochimie</i> , 2015, 110, 62-72.	1.3	61
99	Quantitative chemical proteomics for investigating the biomarkers of dioscin against liver fibrosis caused by CCl ₄ in rats. <i>Chemical Communications</i> , 2015, 51, 11064-11067.	2.2	38
100	Potent effects of dioscin against liver fibrosis. <i>Scientific Reports</i> , 2015, 5, 9713.	1.6	79
101	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. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 71, 73-79.	1.9	10
102	In-silico prediction of drug targets, biological activities, signal pathways and regulating networks of dioscin based on bioinformatics. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 41.	3.7	17
103	Dioscin ameliorates cerebral ischemia/reperfusion injury through the downregulation of TLR4 signaling via HMGB-1 inhibition. <i>Free Radical Biology and Medicine</i> , 2015, 84, 103-115.	1.3	119
104	Potent effects of dioscin against obesity in mice. <i>Scientific Reports</i> , 2015, 5, 7973.	1.6	75
105	SZC017, a novel oleanolic acid derivative, induces apoptosis and autophagy in human breast cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 1636-1650.	2.2	39
106	Phosphocreatine protects endothelial cells from oxidized low-density lipoprotein-induced apoptosis by modulating the PI3K/Akt/eNOS pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 1563-1576.	2.2	52
107	$\hat{\Delta}$ -Lipoic acid protects HAECs from high glucose-induced apoptosis via decreased oxidative stress, ER stress and mitochondrial injury. <i>RSC Advances</i> , 2015, 5, 70726-70736.	1.7	0
108	Dioscin attenuates renal ischemia/reperfusion injury by inhibiting the TLR4/MyD88 signaling pathway via up-regulation of HSP70. <i>Pharmacological Research</i> , 2015, 100, 341-352.	3.1	72

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109	Naringin prevents carbon tetrachloride-induced acute liver injury in mice. <i>Journal of Functional Foods</i> , 2015, 12, 179-191.	1.6	65
110	Rhizoma Dioscoreae Nipponicae polysaccharides protect HUVECs from H ₂ O ₂ -induced injury by regulating PPAR γ factor and the NADPH oxidase/ROS \rightarrow NF- κ B signal pathway. <i>Toxicology Letters</i> , 2015, 232, 149-158.	0.4	46
111	Effects of the Total Saponins from <i>Rosa laevigata</i> Michx Fruit against Acetaminophen-Induced Liver Damage in Mice via Induction of Autophagy and Suppression of Inflammation and Apoptosis. <i>Molecules</i> , 2014, 19, 7189-7206.	1.7	39
112	Total saponins from <i>Rosa laevigata</i> Michx fruit attenuates hepatic steatosis induced by high-fat diet in rats. <i>Food and Function</i> , 2014, 5, 3065-3075.	2.1	13
113	Inhibitory effects of dioscin on cytochrome P450 enzymes. <i>RSC Advances</i> , 2014, 4, 54026-54031.	1.7	6
114	Dioscin Attenuates Hepatic Ischemia-Reperfusion Injury in Rats Through Inhibition of Oxidative-Nitrative Stress, Inflammation and Apoptosis. <i>Transplantation</i> , 2014, 98, 604-611.	0.5	72
115	Protective effects of dioscin against alcohol-induced liver injury. <i>Archives of Toxicology</i> , 2014, 88, 739-753.	1.9	70
116	Protective effects of the total saponins from <i>Dioscorea nipponica</i> Makino against carbon tetrachloride-induced liver injury in mice through suppression of apoptosis and inflammation. <i>International Immunopharmacology</i> , 2014, 19, 233-244.	1.7	60
117	Dioscin enhances methotrexate absorption by down-regulating MDR1 in vitro and in vivo. <i>Toxicology and Applied Pharmacology</i> , 2014, 277, 146-154.	1.3	14
118	iTRAQ-based proteomic analysis of dioscin on human HCT116 colon cancer cells. <i>Proteomics</i> , 2014, 14, 51-73.	1.3	43
119	iTRAQ-based proteomics for studying the effects of dioscin against nonalcoholic fatty liver disease in rats. <i>RSC Advances</i> , 2014, 4, 30704.	1.7	34
120	Alisol B 23-acetate promotes liver regeneration in mice after partial hepatectomy via activating farnesoid X receptor. <i>Biochemical Pharmacology</i> , 2014, 92, 289-298.	2.0	34
121	PEPT1- and OAT1/3-mediated drug-drug interactions between bestatin and cefixime in vivo and in vitro in rats, and in vitro in human. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 77-86.	1.9	21
122	The effects of Zibu Piyin Recipe components on scopolamine-induced learning and memory impairment in the mouse. <i>Journal of Ethnopharmacology</i> , 2014, 151, 576-582.	2.0	23
123	Potent Effects of Flavonoid-Rich Extract from <i>Rosa laevigata</i> Michx Fruit against Hydrogen Peroxide-Induced Damage in PC12 Cells via Attenuation of Oxidative Stress, Inflammation and Apoptosis. <i>Molecules</i> , 2014, 19, 11816-11832.	1.7	45
124	Anti-cancer effects of dioscin on three kinds of human lung cancer cell lines through inducing DNA damage and activating mitochondrial signal pathway. <i>Food and Chemical Toxicology</i> , 2013, 59, 118-128.	1.8	79
125	Dioscin, a natural steroid saponin, induces apoptosis and DNA damage through reactive oxygen species: A potential new drug for treatment of glioblastoma multiforme. <i>Food and Chemical Toxicology</i> , 2013, 59, 657-669.	1.8	94
126	JBP485 improves gentamicin-induced acute renal failure by regulating the expression and function of Oat1 and Oat3 in rats. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 285-295.	1.3	37

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127	Protective effects of the total saponins from <i>Rosa laevigata</i> Michx fruit against carbon tetrachloride-induced acute liver injury in mice. <i>Food and Chemical Toxicology</i> , 2013, 62, 120-130.	1.8	51
128	Dioscin, a natural steroid saponin, shows remarkable protective effect against acetaminophen-induced liver damage in vitro and in vivo. <i>Toxicology Letters</i> , 2012, 214, 69-80.	0.4	121
129	Total flavonoids from <i>Rosa Laevigata</i> Michx fruit attenuates hydrogen peroxide induced injury in human umbilical vein endothelial cells. <i>Food and Chemical Toxicology</i> , 2012, 50, 3133-3141.	1.8	48
130	Mechanism investigation of dioscin against CCl ₄ -induced acute liver damage in mice. <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 127-135.	2.0	92
131	Preparative purification of five bioactive components from <i>Agrimonia pilosa</i> by high-speed counter-current chromatography. <i>Journal of Separation Science</i> , 2012, 35, 1977-1984.	1.3	8
132	Application of high-speed counter-current chromatography coupled with a reverse micelle solvent system to separate three proteins from <i>Momordica charantia</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 895-896, 77-82.	1.2	16
133	MULTIPLE COMPOUNDS DETERMINATION AND FINGERPRINT ANALYSIS OF <i>PULSATILLA CHINENSIS</i> (BUNGE) REEL BY HPLC COUPLED WITH EVAPORATIVE LIGHT SCATTERING DETECTION FOR QUALITY CONTROL. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 2339-2359.	0.5	2
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137	Simultaneous Determination of Ten Active Components in Chinese Medicine "Huang-Lian-Shang-Qing" Tablets by High-Performance Liquid Chromatography Coupled with Photodiode Array Detection. <i>Analytical Letters</i> , 2010, 43, 545-556.	1.0	14
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139	Trends in Counter-Current Chromatography: Applications to Natural Products Purification. <i>Separation and Purification Reviews</i> , 2010, 39, 33-62.	2.8	16
140	PEPT1 involved in the uptake and transepithelial transport of cefditoren in vivo and in vitro. <i>European Journal of Pharmacology</i> , 2009, 612, 9-14.	1.7	20
141	Simple and reliable methods for the determination of sixteen marker components for quality control of <i>Daochi</i> pill by HPLC coupled with diode array detection. <i>Phytochemical Analysis</i> , 2009, 20, 385-394.	1.2	6
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143	Preparative separation of four triterpene saponins from <i>radix astragali</i> by high-speed counter-current chromatography coupled with evaporative light scattering detection. <i>Phytochemical Analysis</i> , 2008, 19, 212-217.	1.2	14
144	Efficient protocol for purification of diosgenin and two fatty acids from <i>Rhizoma dioscoreae</i> by SFE coupled with high-speed counter-current chromatography and evaporative light scattering detection. <i>Journal of Separation Science</i> , 2008, 31, 3638-3646.	1.3	19

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147	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 <i>Coptis chinensis</i> Franch. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2007, 30, 2929-2940.	0.5	12
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152	Orthogonal test design for optimization of supercritical fluid extraction of daphnoretin, 7-methoxy-daphnoretin and 1,5-diphenyl-1-pentanone from <i>Stellera chamaejasme</i> L. and subsequent isolation by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2006, 1135, 151-157.	1.8	54
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156	Isolation and purification of clemastanin B and indigoticoside A from <i>Radix Isatidis</i> by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2005, 1091, 89-93.	1.8	38
157	Preparative isolation and separation of a novel and two known flavonoids from <i>Patrinia villosa</i> Juss by high-speed counter-current chromatography. <i>Journal of Chromatography A</i> , 2005, 1092, 235-240.	1.8	38