Ying-Yong Zhao

List of Publications by Year
in descending order

182 papers	10,097 citations	18436 62 h-index	43802 91 g-index
187 all docs	187 docs citations	187 times ranked	8430 citing authors

#	Article	IF	Citations
1	New insights into TGF-β/Smad signaling in tissue fibrosis. Chemico-Biological Interactions, 2018, 292, 76-83.	1.7	671
2	Altered intestinal microbial flora and impaired epithelial barrier structure and function in CKD: the nature, mechanisms, consequences and potential treatment. Nephrology Dialysis Transplantation, 2016, 31, 737-746.	0.4	296
3	Central role of dysregulation of TGF-β/Smad in CKD progression and potential targets of its treatment. Biomedicine and Pharmacotherapy, 2018, 101, 670-681.	2.5	250
4	Microbiome–metabolome reveals the contribution of gut–kidney axis on kidney disease. Journal of Translational Medicine, 2019, 17, 5.	1.8	233
5	Metabolomics in chronic kidney disease. Clinica Chimica Acta, 2013, 422, 59-69.	0.5	199
6	Metabolomics highlights pharmacological bioactivity and biochemical mechanism of traditional Chinese medicine. Chemico-Biological Interactions, 2017, 273, 133-141.	1.7	194
7	Identification of serum metabolites associating with chronic kidney disease progression and anti-fibrotic effect of 5-methoxytryptophan. Nature Communications, 2019, 10, 1476.	5.8	171
8	Natural Products as a Source for Antifibrosis Therapy. Trends in Pharmacological Sciences, 2018, 39, 937-952.	4.0	162
9	Novel inhibitors of the cellular renin–angiotensin system components, poricoic acids, target Smad3 phosphorylation and Wnt/β–catenin pathway against renal fibrosis. British Journal of Pharmacology, 2018, 175, 2689-2708.	2.7	154
10	Intrarenal Metabolomic Investigation of Chronic Kidney Disease and its TGF-β1 Mechanism in Induced-adenine Rats using UPLC Q-TOF/HSMS/MS^E. Journal of Proteome Research, 2013, 12, 692-703.	1.8	152
11	Urinary metabonomics study on biochemical changes in an experimental model of chronic renal failure by adenine based on UPLC Q-TOF/MS. Clinica Chimica Acta, 2012, 413, 642-649.	0.5	149
12	Metabolomics analysis reveals the association between lipid abnormalities and oxidative stress, inflammation, fibrosis and Nrf2 dysfunction in aristolochic acid-induced nephropathy. Scientific Reports, 2015, 5, 12936.	1.6	149
13	Metabolomics insights into activated redox signaling and lipid metabolism dysfunction in chronic kidney disease progression. Redox Biology, 2016, 10, 168-178.	3.9	148
14	Gene and protein expressions and metabolomics exhibit activated redox signaling and wnt/β-catenin pathway are associated with metabolite dysfunction in patients with chronic kidney disease. Redox Biology, 2017, 12, 505-521.	3.9	146
15	Microbiome–metabolomics reveals gut microbiota associated with glycine-conjugated metabolites and polyamine metabolism in chronic kidney disease. Cellular and Molecular Life Sciences, 2019, 76, 4961-4978.	2.4	146
16	Metabolomics insights into chronic kidney disease and modulatory effect of rhubarb against tubulointerstitial fibrosis. Scientific Reports, 2015, 5, 14472.	1.6	142
17	Traditional uses, phytochemistry, pharmacology, toxicology and quality control of Alisma orientale (Sam.) Juzep: A review. Journal of Ethnopharmacology, 2014, 158, 373-387.	2.0	136
18	An integrated lipidomics and metabolomics reveal nephroprotective effect and biochemical mechanism of Rheum officinale in chronic renal failure. Scientific Reports, 2016, 6, 22151.	1.6	130

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19	Ultra-performance liquid chromatographyâ€"mass spectrometry as a sensitive and powerful technology in lipidomic applications. Chemico-Biological Interactions, 2014, 220, 181-192.	1.7	127
20	UPLCâ€"MSE application in disease biomarker discovery: The discoveries in proteomics to metabolomics. Chemico-Biological Interactions, 2014, 215, 7-16.	1.7	125
21	UPLC-based metabonomic applications for discovering biomarkers of diseases in clinical chemistry. Clinical Biochemistry, 2014, 47, 16-26.	0.8	123
22	Novel RAS Inhibitors Poricoic Acid ZG and Poricoic Acid ZH Attenuate Renal Fibrosis via a Wnt/Î²-Catenin Pathway and Targeted Phosphorylation of smad3 Signaling. Journal of Agricultural and Food Chemistry, 2018, 66, 1828-1842.	2.4	115
23	Combined Clinical Phenotype and Lipidomic Analysis Reveals the Impact of Chronic Kidney Disease on Lipid Metabolism. Journal of Proteome Research, 2017, 16, 1566-1578.	1.8	108
24	Lipidomics: Novel insight into the biochemical mechanism of lipid metabolism and dysregulation-associated disease. Chemico-Biological Interactions, 2015, 240, 220-238.	1.7	107
25	Ultra Performance Liquid Chromatography-Based Metabonomic Study of Therapeutic Effect of the Surface Layer of Poria cocos on Adenine-Induced Chronic Kidney Disease Provides New Insight into Anti-Fibrosis Mechanism. PLoS ONE, 2013, 8, e59617.	1.1	105
26	Lipidomics Applications for Discovering Biomarkers of Diseases in Clinical Chemistry. International Review of Cell and Molecular Biology, 2014, 313, 1-26.	1.6	101
27	Wnt signaling pathway in aging-related tissue fibrosis and therapies. Ageing Research Reviews, 2020, 60, 101063.	5.0	100
28	Effect of ergosta-4,6,8(14),22-tetraen-3-one (ergone) on adenine-induced chronic renal failure rat: A serum metabonomic study based on ultra performance liquid chromatography/high-sensitivity mass spectrometry coupled with MassLynx i-FIT algorithm. Clinica Chimica Acta, 2012, 413, 1438-1445.	0.5	97
29	Serum metabonomics study of adenine-induced chronic renal failure in rats by ultra performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. Biomarkers, 2012, 17, 48-55.	0.9	97
30	Lipidomics. Advances in Clinical Chemistry, 2015, 68, 153-175.	1.8	95
31	Traditional uses, fermentation, phytochemistry and pharmacology of Phellinus linteus: A review. FÃ¬toterapÃ¬Ã¢, 2016, 113, 6-26.	1.1	95
32	Gut microbiota-derived tryptophan metabolism mediates renal fibrosis by aryl hydrocarbon receptor signaling activation. Cellular and Molecular Life Sciences, 2021, 78, 909-922.	2.4	95
33	Urinary metabonomic study of the surface layer of Poria cocos as an effective treatment for chronic renal injury in rats. Journal of Ethnopharmacology, 2013, 148, 403-410.	2.0	94
34	Traditional uses, phytochemistry, pharmacology, pharmacokinetics and quality control of Polyporus umbellatus (Pers.) Fries: A review. Journal of Ethnopharmacology, 2013, 149, 35-48.	2.0	93
35	Novel RAS inhibitor 25-O-methylalisol F attenuates epithelial-to-mesenchymal transition and tubulo-interstitial fibrosis by selectively inhibiting TGF-Î²-mediated Smad3 phosphorylation. Phytomedicine, 2018, 42, 207-218.	2.3	93
36	Small molecule inhibitors of epithelialâ€"mesenchymal transition for the treatment of cancer and fibrosis. Medicinal Research Reviews, 2020, 40, 54-78.	5.0	93

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37	Natural products for the prevention and treatment of kidney disease. Phytomedicine, 2018, 50, 50-60.	2.3	92
38	The link between phenotype and fatty acid metabolism in advanced chronic kidney disease. Nephrology Dialysis Transplantation, 2017, 32, 1154-1166.	0.4	91
39	Role of RAS/Wnt/β-catenin axis activation in the pathogenesis of podocyte injury and tubulo-interstitial nephropathy. Chemico-Biological Interactions, 2017, 273, 56-72.	1.7	91
40	Unilateral ureteral obstruction causes gut microbial dysbiosis and metabolome disorders contributing to tubulointerstitial fibrosis. Experimental and Molecular Medicine, 2019, 51, 1-18.	3.2	90
41	AGE/RAGE in diabetic kidney disease and ageing kidney. Free Radical Biology and Medicine, 2021, 171, 260-271.	1.3	90
42	Diuretic activity of some fractions of the epidermis of Poria cocos. Journal of Ethnopharmacology, 2013, 150, 1114-1118.	2.0	86
43	Poricoic acid ZA, a novel RAS inhibitor, attenuates tubulo-interstitial fibrosis and podocyte injury by inhibiting TGF-β/Smad signaling pathway. Phytomedicine, 2017, 36, 243-253.	2.3	84
44	Lipidomics Biomarkers of Diet-Induced Hyperlipidemia and Its Treatment with *Poria cocos*. Journal of Agricultural and Food Chemistry, 2016, 64, 969-979.	2.4	82
45	Metabolomics in Dyslipidemia. Advances in Clinical Chemistry, 2014, 66, 101-119.	1.8	79
46	Metabolomics in Nephrotoxicity. Advances in Clinical Chemistry, 2014, , 69-89.	1.8	79
47	UPLC-Q-TOF/HSMS/MSE-based metabonomics for adenine-induced changes in metabolic profiles of rat faeces and intervention effects of ergosta-4,6,8(14),22-tetraen-3-one. Chemico-Biological Interactions, 2013, 201, 31-38.	1.7	78
48	Plasma lipidomics reveal profound perturbation of glycerophospholipids, fatty acids, and sphingolipids in diet-induced hyperlipidemia. Chemico-Biological Interactions, 2015, 228, 79-87.	1.7	78
49	Poricoic acid A enhances melatonin inhibition of AKI-to-CKD transition by regulating Gas6/Axl NFκB/Nrf2 axis. Free Radical Biology and Medicine, 2019, 134, 484-497.	1.3	76
50	Ergosta-4,6,8(14),22-tetraen-3-one induces G2/M cell cycle arrest and apoptosis in human hepatocellular carcinoma HepG2 cells. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 384-390.	1.1	75
51	Urinary metabonomics study on the protective effects of ergosta-4,6,8(14),22-tetraen-3-one on chronic renal failure in rats using UPLC Q-TOF/MS and a novel MSE data collection technique. Process Biochemistry, 2012, 47, 1980-1987.	1.8	74
52	Metabolomic application in toxicity evaluation and toxicological biomarker identification of natural product. Chemico-Biological Interactions, 2016, 252, 114-130.	1.7	74
53	Application of faecal metabonomics on an experimental model of tubulointerstitial fibrosis by ultra performance liquid chromatography/high-sensitivity mass spectrometry with MS^E data collection technique. Biomarkers, 2012, 17, 721-729.	0.9	73
54	Diuretic activity of the ethanol and aqueous extracts of the surface layer of Poria cocos in rat. Journal of Ethnopharmacology, 2012, 144, 775-778.	2.0	73

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55	Identification of five gelatins by ultra performance liquid chromatography/time-of-flight mass spectrometry (UPLC/Q-TOF-MS) using principal component analysis. Journal of Pharmaceutical and Biomedical Analysis, 2012, 62, 191-195.	1.4	72
56	Chronic kidney disease: Biomarker diagnosis to therapeutic targets. Clinica Chimica Acta, 2019, 499, 54-63.	0.5	72
57	Metabolomic Signatures of Chronic Kidney Disease of Diverse Etiologies in the Rats and Humans. Journal of Proteome Research, 2016, 15, 3802-3812.	1.8	71
58	Diuretic and anti-diuretic activities of fractions of Alismatis rhizoma. Journal of Ethnopharmacology, 2014, 157, 114-118.	2.0	70
59	Lipidomics applications for disease biomarker discovery in mammal models. Biomarkers in Medicine, 2015, 9, 153-168.	0.6	70
60	Renal metabolic profiling of early renal injury and renoprotective effects of Poria cocos epidermis using UPLC Q-TOF/HSMS/MSE. Journal of Pharmaceutical and Biomedical Analysis, 2013, 81-82, 202-209.	1.4	69
61	Bioactivity-directed isolation, identification of diuretic compounds from Polyporus umbellatus. Journal of Ethnopharmacology, 2009, 126, 184-187.	2.0	67
62	Synthesis and spectroscopic characterization of 4-butoxyethoxy-N-octadecyl-1,8-naphthalimide as a new fluorescent probe for the determination of proteins. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3798-3804.	1.0	65
63	Diuretic and anti-diuretic activities of the ethanol and aqueous extracts of Alismatis rhizoma. Journal of Ethnopharmacology, 2014, 154, 386-390.	2.0	64
64	Molecular Tectonics of Entangled Metal−Organic Frameworks Based on Different Conformational Carboxylates Mixed with a Flexible N,N€²-Type Ligand. Crystal Growth and Design, 2011, 11, 569-574.	1.4	61
65	Architectures and accuracy of artificial neural network for disease classification from omics data. BMC Genomics, 2019, 20, 167.	1.2	58
66	A Pharmaco-Metabonomic Study on Chronic Kidney Disease and Therapeutic Effect of Ergone by UPLC-QTOF/HDMS. PLoS ONE, 2014, 9, e115467.	1.1	55
67	Rhubarb Protect Against Tubulointerstitial Fibrosis by Inhibiting TGF-β/Smad Pathway and Improving Abnormal Metabolome in Chronic Kidney Disease. Frontiers in Pharmacology, 2018, 9, 1029.	1.6	55
68	Current Research on Non-Coding Ribonucleic Acid (RNA). Genes, 2017, 8, 366.	1.0	54
69	Ergosta-4,6,8(14),22-tetraen-3-one isolated from Polyporus umbellatus prevents early renal injury in aristolochic acid-induced nephropathy rats. Journal of Pharmacy and Pharmacology, 2011, 63, 1581-1586.	1.2	53
70	Urinary metabolomics and biomarkers of aristolochic acid nephrotoxicity by UPLC-QTOF/HDMS. Bioanalysis, 2015, 7, 685-700.	0.6	52
71	Small molecules from natural products targeting the Wnt/β-catenin pathway as a therapeutic strategy. Biomedicine and Pharmacotherapy, 2019, 117, 108990.	2.5	52
72	Cytotoxic Steroids from Polyporus umbellatus. Planta Medica, 2010, 76, 1755-1758.	0.7	51

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73	General toxicity of Pinellia ternata (Thunb.) Berit. in rat: A metabonomic method for profiling of serum metabolic changes. Journal of Ethnopharmacology, 2013, 149, 303-310.	2.0	50
74	Identification of endogenous 1â€aminopyrene as a novel mediator of progressive chronic kidney disease via aryl hydrocarbon receptor activation. British Journal of Pharmacology, 2020, 177, 3415-3435.	2.7	50
75	Targeting the Wnt/Î²-Catenin Signaling Pathway as a Potential Therapeutic Strategy in Renal Tubulointerstitial Fibrosis. Frontiers in Pharmacology, 2021, 12, 719880.	1.6	46
76	Dietary natural flavonoids treating cancer by targeting aryl hydrocarbon receptor. Critical Reviews in Toxicology, 2019, 49, 445-460.	1.9	44
77	An Integrated Lipidomics and Phenotype Study Reveals Protective Effect and Biochemical Mechanism of Traditionally Used Alisma orientale Juzepzuk in Chronic Kidney Disease. Frontiers in Pharmacology, 2018, 9, 53.	1.6	43
78	Aryl hydrocarbon receptor activation mediates kidney disease and renal cell carcinoma. Journal of Translational Medicine, 2019, 17, 302.	1.8	42
79	Activated NF-Î°B/Nrf2 and Wnt/Î²-catenin pathways are associated with lipid metabolism in CKD patients with microalbuminuria and macroalbuminuria. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2317-2332.	1.8	42
80	Proteomics for Biomarker Identification and Clinical Application in Kidney Disease. Advances in Clinical Chemistry, 2018, 85, 91-113.	1.8	41
81	Shenkang Injection and Its Three Anthraquinones Ameliorates Renal Fibrosis by Simultaneous Targeting IÆ™B/NF-Æ™B and Keap1/Nrf2 Signaling Pathways. Frontiers in Pharmacology, 2021, 12, 800522.	1.6	41
82	Dose-dependent deleterious and salutary actions of the Nrf2 inducer dh404 in chronic kidney disease. Free Radical Biology and Medicine, 2015, 86, 374-381.	1.3	39
83	Combined melatonin and poricoic acid A inhibits renal fibrosis through modulating the interaction of Smad3 and Î²-catenin pathway in AKI-to-CKD continuum. Therapeutic Advances in Chronic Disease, 2019, 10, 204062231986911.	1.1	38
84	Pharmacokinetics of 2,3,5,4â€²â€tetrahydroxystilbeneâ€2â€<scp>O</scp>â€Î²â€<scp>D</scp>â€glucoside in rat using ultraâ€performance <scp>LC</scp>â€quadrupole <scp>TOF</scp>â€<scp>MS</scp>. Journal of Separation Science, 2013, 36, 863-871.	1.3	37
85	Removal of uremic retention products by hemodialysis is coupled with indiscriminate loss of vital metabolites. Clinical Biochemistry, 2017, 50, 1078-1086.	0.8	37
86	Urinary biomarker and treatment mechanism of <i>Rhizoma Alismatis</i> on hyperlipidemia. Biomedical Chromatography, 2017, 31, e3829.	0.8	37
87	An expeditious HPLC method to distinguish Aconitum kusnezoffii from related species. FÃ¬toterapÃ¬Ã¢, 2009, 80, 333-338.	1.1	35
88	Asiatic acid prevents renal fibrosis in UUO rats via promoting the production of 15d-PGJ2, an endogenous ligand of PPAR-Î³. Acta Pharmacologica Sinica, 2020, 41, 373-382.	2.8	34
89	The Matrix Metalloproteinaseâ€13 Inhibitor Poricoic Acid ZI Ameliorates Renal Fibrosis by Mitigating Epithelialâ€Mesenchymal Transition. Molecular Nutrition and Food Research, 2019, 63, e1900132.	1.5	33
90	Power and sample size calculations for high-throughput sequencing-based experiments. Briefings in Bioinformatics, 2018, 19, 1247-1255.	3.2	32

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91	Deciphering the cellular mechanisms underlying fibrosis-associated diseases and therapeutic avenues. Pharmacological Research, 2021, 163, 105316.	3.1	32
92	Preparation and characterization of D. opposita Thunb polysaccharide-zinc inclusion complex and evaluation of anti-diabetic activities. International Journal of Biological Macromolecules, 2019, 121, 1029-1036.	3.6	31
93	TGF-Î²/Smad Signaling Pathway in Tubulointerstitial Fibrosis. Frontiers in Pharmacology, 2022, 13, 860588.	1.6	31
94	Natural products against renin-angiotensin system for antifibrosis therapy. European Journal of Medicinal Chemistry, 2019, 179, 623-633.	2.6	30
95	Simultaneous determination of eight major steroids from <i>Polyporus umbellatus</i> by highâ€performance liquid chromatography coupled with mass spectrometry detections. Biomedical Chromatography, 2010, 24, 222-230.	0.8	29
96	Redox signaling in aging kidney and opportunity for therapeutic intervention through natural products. Free Radical Biology and Medicine, 2019, 141, 141-149.	1.3	29
97	Rapid resolution liquid chromatographyâ€"mass spectrometry and high-performance liquid chromatography-fluorescence detection for metabolism and pharmacokinetic studies of ergosta-4,6,8(14),22-tetraen-3-one. Analytica Chimica Acta, 2010, 675, 199-206.	2.6	28
98	Recognition of Bisecting <i>N</i>-Glycans on Intact Glycopeptides by Two Characteristic Ions in Tandem Mass Spectra. Analytical Chemistry, 2019, 91, 5478-5482.	3.2	28
99	Poricoic acid A activates AMPK to attenuate fibroblast activation and abnormal extracellular matrix remodelling in renal fibrosis. Phytomedicine, 2020, 72, 153232.	2.3	28
100	1â€Hydroxypyrene mediates renal fibrosis through aryl hydrocarbon receptor signalling pathway. British Journal of Pharmacology, 2022, 179, 103-124.	2.7	28
101	PEG-modified GoldMag nanoparticles (PGMNs) combined with the magnetic field for local drug delivery. Journal of Drug Targeting, 2011, 19, 161-170.	2.1	27
102	Novel poricoic acids attenuate renal fibrosis through regulating redox signalling and aryl hydrocarbon receptor activation. Phytomedicine, 2020, 79, 153323.	2.3	27
103	Pharmacokinetics of ergosterol in rats using rapid resolution liquid chromatographyâ€"atmospheric pressure chemical ionization multi-stage tandem mass spectrometry and rapid resolution liquid chromatography/tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 1945-1953.	1.2	26
104	Studies on the binding of rhaponticin with human serum albumin by molecular spectroscopy, modeling and equilibrium dialysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 87, 171-178.	2.0	26
105	Advancing Pan-cancer Gene Expression Survial Analysis by Inclusion of Non-coding RNA. RNA Biology, 2020, 17, 1666-1673.	1.5	26
106	Metabolomics in nephrotoxicity. Advances in Clinical Chemistry, 2014, 65, 69-89.	1.8	26
107	Metabonomic study of biochemical changes in the rat urine induced by Pinellia ternata (Thunb.) Berit.. Journal of Pharmaceutical and Biomedical Analysis, 2013, 85, 186-193.	1.4	25
108	Biomarkers of obstructive nephropathy using a metabolomics approach in rat. Chemico-Biological Interactions, 2018, 296, 229-239.	1.7	25

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109	Host/microbiota interactions-derived tryptophan metabolites modulate oxidative stress and inflammation via aryl hydrocarbon receptor signaling. Free Radical Biology and Medicine, 2022, 184, 30-41.	1.3	25
110	Pharmacokinetics, bioavailability and metabolism of rhaponticin in rat plasma by UHPLC–Q-TOF/MS and UHPLC–DAD–MS^n. Bioanalysis, 2012, 4, 713-723.	0.6	24
111	Urine metabolomics reveals new insights into hyperlipidemia and the therapeutic effect of rhubarb. Analytical Methods, 2015, 7, 3113-3123.	1.3	24
112	Research Progress of Natural Product Gentiopicroside - a Secoiridoid Compound. Mini-Reviews in Medicinal Chemistry, 2016, 17, 62-77.	1.1	24
113	A fast and sensitive HPLC–MS/MS analysis and preliminary pharmacokinetic characterization of ergone in rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 29-33.	1.2	23
114	The antihyperlipidemic effect of Fu-Ling-Pi is associated with abnormal fatty acid metabolism as assessed by UPLC-HDMS-based lipidomics. RSC Advances, 2015, 5, 64208-64219.	1.7	23
115	Qualitative and quantitative analysis of the diuretic component ergone in Polyporus umbellatus by HPLC with fluorescence detection and HPLC-APCI-MS/MS. Die Pharmazie, 2009, 64, 366-70.	0.3	23
116	Intrarenal 1-methoxypyrene, an aryl hydrocarbon receptor agonist, mediates progressive tubulointerstitial fibrosis in mice. Acta Pharmacologica Sinica, 2022, 43, 2929-2945.	2.8	23
117	Quantitative HPLC method and pharmacokinetic studies of ergosta-4,6,8(14),22-tetraen-3-one, a natural product with diuretic activity from Polyporus umbellatus. Biomedical Chromatography, 2010, 24, 1120-1124.	0.8	22
118	Interactions between 4-(2-dimethylaminoethyloxy)-N-octadecyl-1,8-naphthalimide and serum albumins: Investigation by spectroscopic approach. Journal of Luminescence, 2012, 132, 879-886.	1.5	22
119	The proliferation, differentiation, and mineralization effects of puerarin on osteoblasts in vitro. Chinese Journal of Natural Medicines, 2014, 12, 436-442.	0.7	21
120	The Landscape of Small Non-Coding RNAs in Triple-Negative Breast Cancer. Genes, 2018, 9, 29.	1.0	21
121	Solvent effect on the absorption and fluorescence of ergone: Determination of ground and excited state dipole moments. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 86, 120-123.	2.0	20
122	Solvent effects on the absorption and fluorescence spectra of rhaponticin: Experimental and theoretical studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 102, 194-199.	2.0	20
123	Submicron emulsion of cinnamaldehyde ameliorates bleomycin-induced idiopathic pulmonary fibrosis via inhibition of inflammation, oxidative stress and epithelial-mesenchymal transition. Biomedicine and Pharmacotherapy, 2018, 102, 765-771.	2.5	20
124	Redox signaling and Alzheimer's disease: from pathomechanism insights to biomarker discovery and therapy strategy. Biomarker Research, 2020, 8, 42.	2.8	20
125	Genomic Positional Dissection of RNA Editomes in Tumor and Normal Samples. Frontiers in Genetics, 2019, 10, 211.	1.1	19
126	Alisol B 23-acetate attenuates CKD progression by regulating the renin–angiotensin system and gut–kidney axis. Therapeutic Advances in Chronic Disease, 2020, 11, 204062232092002.	1.1	19

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127	Machine learning distilled metabolite biomarkers for early stage renal injury. Metabolomics, 2020, 16, 4.	1.4	18
128	1β-hydroxylfriedelin, a new natural pentacylic triterpene from the sclerotia of *Polyporus umbellatus*. Journal of Chemical Research, 2009, 2009, 699-701.	0.6	17
129	Ultra performance liquid chromatography coupled with electrospray and atmospheric pressure chemical ionization (ESCi)â€quadrupole timeâ€ofâ€flight mass spectrometry with novel mass spectrometry Elevated Energy (MS^E) data collection technique: Determination and pharmacokinetics, tissue distribution and biliary excretion study of ergone in rat. Journal of Separation Science, 2012, 35, 1619-1626.	1.3	17
130	Single-nucleotide variants in human RNA: RNA editing and beyond. Briefings in Functional Genomics, 2019, 18, 30-39.	1.3	17
131	Poricoic acid A as a modulator of TPH-1 expression inhibits renal fibrosis *via* modulating protein stability of β-catenin and β-catenin-mediated transcription. Therapeutic Advances in Chronic Disease, 2020, 11, 204062232096264.	1.1	17
132	Estimating relative mitochondrial DNA copy number using high throughput sequencing data. Genomics, 2017, 109, 457-462.	1.3	16
133	Folate-functionalized nanoparticles for controlled ergosta-4,6,8(14),22-tetraen-3-one delivery. International Journal of Pharmaceutics, 2013, 441, 1-8.	2.6	15
134	Long non-coding RNAs: A double-edged sword in aging kidney and renal disease. Chemico-Biological Interactions, 2021, 337, 109396.	1.7	13
135	Metabolomics Reveals Hyperlipidemic Biomarkers and Antihyperlipidemic Effect of Poria cocos. Current Metabolomics, 2016, 4, 104-115.	0.5	13
136	Recent Advances in Clinical Diagnosis and Pharmacotherapy Options of Membranous Nephropathy. Frontiers in Pharmacology, 2022, 13, .	1.6	13
137	Enhanced Pharmacokinetics and Anti-Tumor Efficacy of PEGylated Liposomal Rhaponticin and Plasma Protein Binding Ability of Rhaponticin. Journal of Nanoscience and Nanotechnology, 2012, 12, 7677-7684.	0.9	12
138	MutEx: a multifaceted gateway for exploring integrative pan-cancer genomic data. Briefings in Bioinformatics, 2020, 21, 1479-1486.	3.2	12
139	LC Method for the Determination of Rhaponticin in Rat Plasma, Faeces and Urine for Application to Pharmacokinetic Studies. Chromatographia, 2011, 73, 599-603.	0.7	11
140	Aryl hydrocarbon receptor: From pathogenesis to therapeutic targets in aging-related tissue fibrosis. Ageing Research Reviews, 2022, 79, 101662.	5.0	11
141	Crystal and Molecular Structure of Rhaponticin from Rheum hotaoense. Journal of Chemical Crystallography, 2011, 41, 409-414.	0.5	10
142	The Dysregulation of Eicosanoids and Bile Acids Correlates with Impaired Kidney Function and Renal Fibrosis in Chronic Renal Failure. Metabolites, 2021, 11, 127.	1.3	10
143	Characterization of a Novel Polysaccharide-Iron(III) Complex and Its Anti-Anemia and Nonspecific Immune Regulating Activities. Mini-Reviews in Medicinal Chemistry, 2017, 17, 1677-1683.	1.1	10
144	Characterization of the Interaction between 4-(Tetrahydro-2-Furanmethoxy)-N-Octadecyl-1,8-Naphthalimide and Human Serum Albumin by Molecular Spectroscopy and Its Analytical Application. Applied Spectroscopy, 2012, 66, 464-469.	1.2	9

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145	Expression correlation attenuates within and between key signaling pathways in chronic kidney disease. BMC Medical Genomics, 2020, 13, 134.	0.7	9
146	A water-soluble, 1,8-naphthalimide based aggregation induced synchronous emission system for selective and sensitive recognition of casein. Analytical Methods, 2012, 4, 4284.	1.3	8
147	Regioselective synthesis and initial evaluation of a folate receptor targeted rhaponticin prodrug. Chinese Chemical Letters, 2012, 23, 1133-1136.	4.8	8
148	Synthesis and biological evaluation of a folate-targeted rhaponticin conjugate. Bioorganic and Medicinal Chemistry, 2013, 21, 178-185.	1.4	8
149	Enhanced Distribution and Anti-Tumor Activity of Ergosta-4,6,8(14),22-Tetraen-3-One by Polyethylene Glycol Liposomalization. Journal of Nanoscience and Nanotechnology, 2013, 13, 1435-1439.	0.9	8
150	Using the Doubly Charged Selected Ion Coupled with MS/MS Fragments Monitoring (DCSI-MS/MS) Mode for the Identification of Gelatin Species. Journal of Analytical Methods in Chemistry, 2014, 2014, 1-7.	0.7	8
151	Metabolomics in renal cell carcinoma: From biomarker identification to pathomechanism insights. Archives of Biochemistry and Biophysics, 2020, 695, 108623.	1.4	8
152	SMDB: pivotal somatic sequence alterations reprogramming regulatory cascades. NAR Cancer, 2020, 2, zcaa030.	1.6	8
153	Polyporus Umbellatus Protects Against Renal Fibrosis by Regulating Intrarenal Fatty Acyl Metabolites. Frontiers in Pharmacology, 2021, 12, 633566.	1.6	8
154	Recent advances of gut microbiota in chronic kidney disease patients. Exploration of Medicine, 0, , 260-274.	1.5	8
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156	Quality and concordance of genotyping array data of 12,064 samples from 5840 cancer patients. Genomics, 2019, 111, 950-957.	1.3	7
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