

Lonicera japonica Thunb.: Ethnopharmacology, phytochemistry and its use as an important traditional Chinese medicine

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Development and validation of NIR model using low-concentration calibration range: rapid analysis of <i>Lonicera japonica</i> solution in ethanol precipitation process. <i>Analytical Methods</i> , 2012, 4, 1084.	1.3	18
2	Characterization and anti-allergic effect of a polysaccharide from the flower buds of <i>Lonicera japonica</i> . <i>Carbohydrate Polymers</i> , 2012, 90, 1642-1647.	5.1	57
3	Unbiased metabolite profiling by liquid chromatography–quadrupole time-of-flight mass spectrometry and multivariate data analysis for herbal authentication: Classification of seven <i>Lonicera</i> species flower buds. <i>Journal of Chromatography A</i> , 2012, 1245, 109-116.	1.8	82
4	Molecular Docking, Kinetics Study, and Structure–Activity Relationship Analysis of Quercetin and Its Analogous as <i>Helicobacter pylori</i> Urease Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 10572-10577.	2.4	67
5	Wound repair and anti-inflammatory potential of <i>Lonicera japonica</i> in excision wound-induced rats. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 226.	3.7	62
6	Insecticidal activity of the essential oil of <i>Lonicera japonica</i> flower buds and its main constituent compounds against two grain storage insects. <i>Journal of Medicinal Plants Research</i> , 2012, 6, .	0.2	9
7	Exotic <i>Lonicera</i> species both escape and resist specialist and generalist herbivores in the introduced range in North America. <i>Biological Invasions</i> , 2013, 15, 1713-1724.	1.2	33
8	Purification and partial characterization of polyphenol oxidase from the flower buds of <i>Lonicera japonica</i> Thunb.. <i>Food Chemistry</i> , 2013, 138, 478-483.	4.2	39
9	Simultaneous determination of phenolic acids by UPLC–MS/MS in rat plasma and its application in pharmacokinetic study after oral administration of Flos <i>Lonicerae</i> preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 86, 189-197.	1.4	17
10	Anti-oxidative and anti-inflammatory property of ethanol extracts of Chungyul medicines in human neuroblastoma cells, SH-SY5Y. <i>Oriental Pharmacy and Experimental Medicine</i> , 2013, 13, 239-245.	1.2	2
11	Direct analysis in real time ionization/quadrupole time-of-flight tandem mass spectrometry for rapid identification of iridoid glycosides and caffeoylquinic acids in Re Du Ning Injections. <i>Analytical Methods</i> , 2013, 5, 7081.	1.3	13
12	Quality control of <i>Lonicerae Japonicae</i> Flos using near infrared spectroscopy and chemometrics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 33-39.	1.4	72
13	Systems pharmacology uncovers Janus functions of botanical drugs: activation of host defense system and inhibition of influenza virus replication. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 351-371.	0.6	57
14	Stability and Accuracy Assessment of Identification of Traditional Chinese Materia Medica Using DNA Barcoding: A Case Study on Flos <i>Lonicerae Japonicae</i> . <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	26
15	Proteomics analysis of UV-irradiated <i>Lonicera japonica</i> Thunb. with bioactive metabolites enhancement. <i>Proteomics</i> , 2013, 13, 3508-3522.	1.3	21
16	Chinese Herbal Formulas Every Western Practitioner Should Know—Part 2. <i>Alternative and Complementary Therapies</i> , 2013, 19, 258-264.	0.1	0
17	Simultaneous Determination of Flavonoids, Isochlorogenic Acids and Triterpenoids in <i>Ilex hainanensis</i> Using High Performance Liquid Chromatography Coupled with Diode Array and Evaporative Light Scattering Detection. <i>Molecules</i> , 2013, 18, 2934-2941.	1.7	6
18	Molecular authentication of multi-species honeysuckle tablets. <i>Genetics and Molecular Research</i> , 2013, 12, 4827-4835.	0.3	16

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19	Tyrosinase Inhibitory Effect and Antioxidative Activities of Fermented and Ethanol Extracts of <i>Rhodiola rosea</i> and <i>Lonicera japonica</i> . Scientific World Journal, The, 2013, 2013, 1-5.	0.8	20
20	Protective Effect of <i>Flos Lonicerae</i> against Experimental Gastric Ulcers in Rats: Mechanisms of Antioxidant and Anti-Inflammatory Action. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-11.	0.5	20
21	Pharmacokinetics and Tissue Distribution Study of Chlorogenic Acid from <i>Lonicerae Japonicae Flos</i> Following Oral Administrations in Rats. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-7.	0.5	15
22	Antiviral Herbs - Present and Future. Infectious Disorders - Drug Targets, 2014, 14, 61-73.	0.4	29
23	Inhibitory Activity of the Flower Buds of <i>Lonicera japonica</i> Thunb. against Histamine Production and L-Histidine Decarboxylase in Human Keratinocytes. Molecules, 2014, 19, 8212-8219.	1.7	8
24	Influence of Sulfur Fumigation on the Chemical Constituents and Antioxidant Activity of Buds of <i>Lonicera japonica</i> . Molecules, 2014, 19, 16640-16655.	1.7	29
25	Orthogonal test design for optimizing the extraction of total flavonoids from <i>Flos pueraria</i> . African Journal of Pharmacy and Pharmacology, 2014, 8, 1-8.	0.2	5
26	How to Deal with Nomenclatorial Ambiguities of Trivial Names for Natural Products? â€œ A Clarifying Case Study Exemplified for â€œCorymbosinâ€œ. Natural Product Communications, 2014, 9, 1934578X1400900.	0.2	0
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28	A novel systems pharmacology model for herbal medicine injection: a case using reduning injection. BMC Complementary and Alternative Medicine, 2014, 14, 430.	3.7	52
29	A comparative study of <i>Lonicera japonica</i> with related species: Morphological characteristics, ITS sequences and active compounds. Biochemical Systematics and Ecology, 2014, 54, 198-207.	0.6	21
30	<i>Pseudocercospora lonicerigena</i> a leaf spot fungus on the invasive weed <i>Lonicera japonica</i> in Brazil. Australasian Plant Pathology, 2014, 43, 339.	0.5	5
31	Exploiting genes and functional diversity of chlorogenic acid and luteolin biosyntheses in <i>Lonicera japonica</i> and their substitutes. Gene, 2014, 534, 408-416.	1.0	53
32	Protection of <i>Flos Lonicerae</i> against acetaminophen-induced liver injury and its mechanism. Environmental Toxicology and Pharmacology, 2014, 38, 991-999.	2.0	25
33	Network pharmacology study on the mechanism of traditional Chinese medicine for upper respiratory tract infection. Molecular BioSystems, 2014, 10, 2517-2525.	2.9	49
34	Biophysical Mechanism of the Protective Effect of Blue Honeysuckle (<i>Lonicera caerulea</i> L. var.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Membranes. Journal of Membrane Biology, 2014, 247, 611-625.	1.0	32
35	Effect of chlorogenic acid on the phase transition in phospholipid and phospholipid/cholesterol membranes. Journal of Thermal Analysis and Calorimetry, 2014, 118, 943-950.	2.0	16
36	Anthocyanins from buds of <i>Lonicera japonica</i> Thunb. var. <i>chinensis</i> (Wats.) Bak.. Food Research International, 2014, 62, 812-818.	2.9	13

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37	Effects of Boiling on Chlorogenic Acid and the Liver Protective Effects of Its Main Products Against CCl ₄ -Induced Toxicity <i>In Vitro</i> . Journal of Food Science, 2014, 79, C147-54.	1.5	9
38	A glucan isolated from flowers of <i>Lonicera japonica</i> Thunb. inhibits aggregation and neurotoxicity of A β 42. Carbohydrate Polymers, 2014, 110, 142-147.	5.1	82
39	Rapid preparative extraction and determination of major organic acids in honeysuckle (<i>Lonicera</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	1.9	30
40	Effects of inhalable microparticle of flower of <i>Lonicera japonica</i> in a mouse model of COPD. Journal of Ethnopharmacology, 2014, 151, 123-130.	2.0	18
41	Chemical profiling of Jinqi Jiangtang tablets by HPLC-ESI-Q-TOF/MS. Chinese Journal of Natural Medicines, 2014, 12, 229-240.	0.7	16
42	Simultaneous determination of caffeic acid derivatives by UPLC-MS/MS in rat plasma and its application in pharmacokinetic study after oral administration of Flos <i>Lonicerae</i> Fructus <i>Forsythiae</i> herb combination. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 949-950, 7-15.	1.2	26
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47	Isolation and Purification of Isochlorogenic Acid A from <i>Lonicera japonica</i> Thunb Using High-Speed Counter-Current Chromatography. Acta Chromatographica, 2015, 27, 541-549.	0.7	2
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50	Effect of <i>Lonicera japonica</i> extract on <i>Mycoplasma gallisepticum</i> in naturally infected broiler flocks. British Poultry Science, 2015, 56, 299-303.	0.8	13
51	Pharmacokinetics screening for multi-components absorbed in the rat plasma after oral administration of traditional Chinese medicine Flos <i>Lonicerae Japonicae</i> Fructus <i>Forsythiae</i> herb couple by sequential negative and positive ionization ultra-high-performance liquid chromatography/tandem triple quadrupole mass spectrometric detection. Journal of Chromatography A, 2015, 1376, 84-97.	1.8	41
52	Simultaneous determination of twenty-six components of Flos <i>Lonicerae japonicae</i> Fructus <i>Forsythiae</i> herb couple using UPLC-ESI-MS/MS: application to its preparations. Analytical Methods, 2015, 7, 1425-1437.	1.3	11
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56	HS-23, a <i>Lonicera japonica</i> extract, reverses sepsis-induced immunosuppression by inhibiting lymphocyte apoptosis. Journal of Ethnopharmacology, 2015, 171, 231-239.	2.0	11
57	Multiscale Modeling of Drug-induced Effects of ReDuNing Injection on Human Disease: From Drug Molecules to Clinical Symptoms of Disease. Scientific Reports, 2015, 5, 10064.	1.6	17
58	Systems Pharmacology Dissection of the Anti-Inflammatory Mechanism for the Medicinal Herb Folium Eriobotryae. International Journal of Molecular Sciences, 2015, 16, 2913-2941.	1.8	41
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60	Effect of Processing on the Traditional Chinese Herbal Medicine Flos Lonicerae: An NMR-based Chemometric Approach. Planta Medica, 2015, 81, 754-764.	0.7	19
61	Chemistry and pharmacology of the herb pair Flos Lonicerae japonicae-Forsythiae fructus. Chinese Medicine, 2015, 10, 16.	1.6	34
62	<i>Lonicera japonica</i> THUNB. Extract Inhibits Lipopolysaccharide-Stimulated Inflammatory Responses by Suppressing NF- κ B Signaling in BV-2 Microglial Cells. Journal of Medicinal Food, 2015, 18, 762-775.	0.8	23
64	Iridoid glycosides from the flower buds of <i>Lonicera japonica</i> and their nitric oxide production and β -glucosidase inhibitory activities. Journal of Functional Foods, 2015, 18, 512-519.	1.6	35
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68	Development of novel SCAR markers for genetic characterization of <i>Lonicera japonica</i> from high GC-RAMP-PCR and DNA cloning. Genetics and Molecular Research, 2016, 15, .	0.3	8
69	Research Progress on Chemical Constituents of <i>Lonicerae japonicae flos</i> . BioMed Research International, 2016, 2016, 1-18.	0.9	28
70	Molecular Mechanisms of Inhibition of Streptococcus Species by Phytochemicals. Molecules, 2016, 21, 215.	1.7	44
71	Luteoloside Acts as 3C Protease Inhibitor of Enterovirus 71 In Vitro. PLoS ONE, 2016, 11, e0148693.	1.1	37
72	The Effect of <i>Lonicera japonica</i> on LPS-Stimulated B-Cell Functions. Journal of Herbs, Spices and Medicinal Plants, 2016, 22, 139-147.	0.5	1
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74	Structural elucidation of a pectin from flowers of <i>Lonicera japonica</i> and its antipancreatic cancer activity. <i>International Journal of Biological Macromolecules</i> , 2016, 88, 130-137.	3.6	73
75	<i>Lonicerae Japonicae Flos</i> attenuates diabetic retinopathy by inhibiting retinal angiogenesis. <i>Journal of Ethnopharmacology</i> , 2016, 189, 117-125.	2.0	33
76	Expression and prognostic value of E-cadherin in laryngeal cancer. <i>Acta Oto-Laryngologica</i> , 2016, 136, 722-728.	0.3	5
77	Chinese vegetative materia medica in a venereological treatise by Jean Astruc from 1740. <i>Journal of Ethnopharmacology</i> , 2016, 187, 293-301.	2.0	1
78	An ethnomedicinal survey of a Tashelhit-speaking community in the High Atlas, Morocco. <i>Journal of Ethnopharmacology</i> , 2016, 188, 96-110.	2.0	82
79	Pharmacokinetics and Disposition of Circulating Iridoids and Organic Acids in Rats Intravenously Receiving ReDuNing Injection. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1853-1858.	1.7	19
80	Anti-encystment and amoebicidal activity of <i>Lonicera japonica</i> Thunb. and its major constituent chlorogenic acid in vitro. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 866-871.	0.4	22
81	Antivirals for Respiratory Viral Infections: Problems and Prospects. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2016, 37, 640-646.	0.8	11
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83	Identification of Phytochemicals From the Caulis of <i>Lonicera japonica</i> . <i>Chemistry of Natural Compounds</i> , 2016, 52, 918-919.	0.2	2
84	Effects of <i>Scutellaria baicalensis</i> and <i>Lonicera japonica</i> extract mixture supplementation on growth performance, nutrient digestibility, blood profiles and meat quality in finishing pigs. <i>Italian Journal of Animal Science</i> , 2016, 15, 446-452.	0.8	20
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86	A comparative ethnopharmacological analysis of traditional medicine used against respiratory tract diseases in Mauritius. <i>Journal of Ethnopharmacology</i> , 2016, 177, 61-80.	2.0	33
87	Natural Substances from Higher Plants as Potential Anti-MRSA Agents. <i>Studies in Natural Products Chemistry</i> , 2016, , 63-110.	0.8	3
88	Development of a monoclonal antibody-based enzyme-linked immunosorbent assay for luteoloside detection in <i>Flos Lonicerae Japonicae</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6053-6061.	1.9	13
89	Secondary metabolites from the flower buds of <i>Lonicera japonica</i> and their in vitro anti-diabetic activities. <i>FÄ-toterapÄ-t</i> , 2016, 110, 44-51.	1.1	38
90	Proteomic Analysis of <i>Lonicera japonica</i> Thunb. Immature Flower Buds Using Combinatorial Peptide Ligand Libraries and Polyethylene Glycol Fractionation. <i>Journal of Proteome Research</i> , 2016, 15, 166-181.	1.8	12
91	Separation and quantitation of isomeric caffeoylquinic acids in honeysuckle products by low-pH microemulsion electrokinetic chromatography using tartrate as a chiral selector. <i>Analytical Methods</i> , 2016, 8, 189-196.	1.3	5

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92	Green extraction of five target phenolic acids from <i>Lonicerae japonicae</i> Flos with deep eutectic solvent. Separation and Purification Technology, 2016, 157, 249-257.	3.9	165
93	Phytochemical Content, Health Benefits, and Toxicology of Common Edible Flowers: A Review (2000–2015). Critical Reviews in Food Science and Nutrition, 2016, 56, S130-S148.	5.4	130
94	Comparison of five <i>Lonicera</i> flowers by simultaneous determination of multi-components with single reference standard method and principal component analysis. Journal of Pharmaceutical and Biomedical Analysis, 2016, 117, 345-351.	1.4	24
95	<i>Agrimonia pilosa</i> Ledeb., <i>Cinnamomum cassia</i> Blume, and <i>Lonicera japonica</i> Thunb. protect against cognitive dysfunction and energy and glucose dysregulation by reducing neuroinflammation and hippocampal insulin resistance in $\text{A}\beta$ -amyloid-infused rats. Nutritional Neuroscience, 2017, 20, 77-88.	1.5	20
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97	Honeysuckle aqueous extract and induced let-7a suppress dengue virus type 2 replication and pathogenesis. Journal of Ethnopharmacology, 2017, 198, 109-121.	2.0	32
98	Variations of metabolites and proteome in <i>Lonicera japonica</i> Thunb. buds and flowers under UV radiation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 404-413.	1.1	12
99	Supplementing lactation diets with herbal extract mixture during summer improves the performance of sows and nursing piglets. Annals of Animal Science, 2017, 17, 835-847.	0.6	10
100	Analysis and Risk Assessment of Pesticide Residues in a Chinese Herbal Medicine, <i>Lonicera japonica</i> Thunb.. Chromatographia, 2017, 80, 503-512.	0.7	9
101	Hypoglycemic and hypolipidemic effects of a polysaccharide from flower buds of <i>Lonicera japonica</i> in streptozotocin-induced diabetic rats. International Journal of Biological Macromolecules, 2017, 102, 396-404.	3.6	82
102	Systematic review for geo-authentic <i>Lonicerae Japonicae</i> Flos. Frontiers of Medicine, 2017, 11, 203-213.	1.5	24
103	<i>Lonicera japonica</i> “Fenglei”. Hortscience: A Publication of the American Society for Horticultural Science, 2017, 52, 789-791.	0.5	2
104	Rapid and automatic chemical identification of the medicinal flower buds of <i>Lonicera</i> plants by the benchtop and hand-held Fourier transform infrared spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 182, 81-86.	2.0	27
105	Nortirucallane A, a new tirucallane-type nortriterpenoid isolated from <i>Lonicerae japonicae</i> flos. Natural Product Research, 2017, 31, 2250-2255.	1.0	6
106	A comparative study of the dynamic accumulation of polyphenol components and the changes in their antioxidant activities in diploid and tetraploid <i>Lonicera japonica</i> . Plant Physiology and Biochemistry, 2017, 112, 87-96.	2.8	49
107	Jinqi Jiangtang tablets for pre-diabetes: A randomized, double-blind and placebo-controlled clinical trial. Scientific Reports, 2017, 7, 11190.	1.6	8
108	Ionic liquid-based enzyme-assisted extraction of chlorogenic acid from Flos <i>Lonicera Japonicae</i> . Bioresources and Bioprocessing, 2017, 4, 45.	2.0	9
109	Transcriptome inference and systems approaches to polypharmacology and drug discovery in herbal medicine. Journal of Ethnopharmacology, 2017, 195, 127-136.	2.0	27

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110	Correlation between the dynamic accumulation of the main effective components and their associated regulatory enzyme activities at different growth stages in <i>Lonicera japonica</i> Thunb. <i>Industrial Crops and Products</i> , 2017, 96, 16-22.	2.5	41
111	De novo transcriptome assembly and characterization of nine tissues of <i>Lonicera japonica</i> to identify potential candidate genes involved in chlorogenic acid, luteolosides, and secoiridoid biosynthesis pathways. <i>Journal of Natural Medicines</i> , 2017, 71, 1-15.	1.1	60
112	Dissipation of Flonicamid in Honeysuckle and Its Transfer during Brewing Process. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 492-497.	0.6	18
113	Ploidy Level, Karyotype, and DNA Content in the Genus <i>Lonicera</i> . <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 1680-1686.	0.5	3
114	Effects of Supplemental Lighting on Growth and Medicinal Compounds of Japanese Honeysuckle (<i>Lonicera japonica</i> Thunb.). <i>Environmental Control in Biology</i> , 2017, 55, 71-76.	0.3	10
115	DNA Methylation Influences Chlorogenic Acid Biosynthesis in <i>Lonicera japonica</i> by Mediating LjZIP8 to Regulate Phenylalanine Ammonia-Lyase 2 Expression. <i>Frontiers in Plant Science</i> , 2017, 8, 1178.	1.7	20
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117	Complete Chloroplast Genome of Medicinal Plant <i>Lonicera japonica</i> : Genome Rearrangement, Intron Gain and Loss, and Implications for Phylogenetic Studies. <i>Molecules</i> , 2017, 22, 249.	1.7	106
118	Study on the Rationality for Antiviral Activity of Flos <i>Lonicerae Japonicae</i> -Fructus <i>Forsythiae</i> Herb Couple Preparations Improved by Chito-Oligosaccharide via Integral Pharmacokinetics. <i>Molecules</i> , 2017, 22, 654.	1.7	34
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122	Dietary Exposure Risk Assessment of Flonicamid and Its Effect on Constituents after Application in <i>Lonicerae Japonicae</i> Flos. <i>Chemical and Pharmaceutical Bulletin</i> , 2018, 66, 608-611.	0.6	9
123	Development of an analytical method for separation of phenolic acids by ultra-performance convergence chromatography (UPLC 2) using a column packed with a sub-2- μ m particle. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 117-125.	1.4	22
124	Exploring optimal supplement strategy of medicinal herbs and tea extracts for bioelectricity generation in microbial fuel cells. <i>Bioresource Technology</i> , 2018, 256, 95-101.	4.8	40
125	Geographical Discrimination of Honeysuckle (<i>Lonicera japonica</i> Thunb.) from China by Characterization of the Stable Isotope Ratio and Multielemental Analysis. <i>Analytical Letters</i> , 2018, 51, 2509-2518.	1.0	7
126	A billion cups: The diversity, traditional uses, safety issues and potential of Chinese herbal teas. <i>Journal of Ethnopharmacology</i> , 2018, 222, 217-228.	2.0	46
127	Blue honeysuckle (<i>Lonicera caerulea</i> L. subs. <i>edulis</i>) berry; A rich source of some nutrients and their differences among four different cultivars. <i>Scientia Horticulturae</i> , 2018, 238, 215-221.	1.7	31

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128	Tissue metabolomic profiling to reveal the therapeutic mechanism of reduning injection on LPS-induced acute lung injury rats. <i>RSC Advances</i> , 2018, 8, 10023-10031.	1.7	11
129	The Falconoid Luteolin Mitigates the Myocardial Inflammatory Response Induced by High-Carbohydrate/High-Fat Diet in Wistar Rats. <i>Inflammation</i> , 2018, 41, 221-231.	1.7	22
130	A monoclonal antibody-based enzyme-linked immunosorbent assay for the determination of chlorogenic acid in honeysuckle. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 148, 1-5.	1.4	22
131	Characterization of a pectin from <i>Lonicera japonica</i> Thunb. and its inhibition effect on A β 242 aggregation and promotion of neuritogenesis. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 112-120.	3.6	36
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