

# A Review on Central Nervous System Effects of Gastrod

Frontiers in Pharmacology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Gastrodin Alleviates Cognitive Dysfunction and Depressive-Like Behaviors by Inhibiting ER Stress and NLRP3 Inflammasome Activation in db/db Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3977.	1.8	71
2	Isoquercetin Improves Hepatic Lipid Accumulation by Activating AMPK Pathway and Suppressing TGF- $\beta$ <sup>2</sup> Signaling on an HFD-Induced Nonalcoholic Fatty Liver Disease Rat Model. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4126.	1.8	47
3	Gastrodin Ameliorates Cognitive Dysfunction in Diabetes Rat Model via the Suppression of Endoplasmic Reticulum Stress and NLRP3 Inflammasome Activation. <i>Frontiers in Pharmacology</i> , 2018, 9, 1346.	1.6	58
4	Gastrodin Attenuates Bilateral Common Carotid Artery Occlusion-Induced Cognitive Deficits via Regulating A $\beta$ <sup>2</sup> -Related Proteins and Reducing Autophagy and Apoptosis in Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 405.	1.6	40
5	Discrimination of <i>Gastrodia elata</i> from Different Geographical Origin for Quality Evaluation Using Newly-Build Near Infrared Spectrum Coupled with Multivariate Analysis. <i>Molecules</i> , 2018, 23, 1088.	1.7	15
6	Inhibition of the Nrf2/HO-1 Axis Suppresses the Mitochondria-Related Protection Promoted by Gastrodin in Human Neuroblastoma Cells Exposed to Paraquat. <i>Molecular Neurobiology</i> , 2019, 56, 2174-2184.	1.9	19
7	Nature brings new avenues to the therapy of central nervous system diseases—An overview of possible treatments derived from natural products. <i>Science China Life Sciences</i> , 2019, 62, 1332-1367.	2.3	20
8	<i>Gastrodia elata</i> Blume-Derived Vanillyl Alcohol Suppresses Amyloid $\beta$ <sup>2</sup> -Peptide-Induced Caspase Activation in SH-SY5Y Cells. <i>Neurochemical Journal</i> , 2019, 13, 110-112.	0.2	0
9	Gastrodin combined with rhynchophylline inhibits cerebral ischaemia-induced inflammasome activation via upregulating miR-21 and miR-331. <i>Life Sciences</i> , 2019, 239, 116935.	2.0	39
10	Metabolomics and 16S rRNA Gene Sequencing Analyses of Changes in the Intestinal Flora and Biomarkers Induced by <i>Gastrodia-Uncaria</i> Treatment in a Rat Model of Chronic Migraine. <i>Frontiers in Pharmacology</i> , 2019, 10, 1425.	1.6	33
11	Gastrodin ameliorates microvascular reperfusion injury-induced pyroptosis by regulating the NLRP3/caspase-1 pathway. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 531-547.	1.3	48
12	Effect of Gastrodin on Early Brain Injury and Neurological Outcome After Subarachnoid Hemorrhage in Rats. <i>Neuroscience Bulletin</i> , 2019, 35, 461-470.	1.5	31
13	Structure Characterization and Action Mechanism of an Antiaging New Compound from <i>Gastrodia elata</i> Blume. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	14
14	Efficient acylation of gastrodin by <i>Aspergillus oryzae</i> whole-cells in non-aqueous media. <i>RSC Advances</i> , 2019, 9, 16701-16712.	1.7	7
15	Orally Administered Crocin Protects Against Cerebral Ischemia/Reperfusion Injury Through the Metabolic Transformation of Crocetin by Gut Microbiota. <i>Frontiers in Pharmacology</i> , 2019, 10, 440.	1.6	26
16	Role of Intestinal Microbiota in Metabolism of Gastrodin In Vitro and In Vivo. <i>Metabolites</i> , 2019, 9, 69.	1.3	9
17	Lipid Modulating Anti-oxidant Stress Activity of Gastrodin on Nonalcoholic Fatty Liver Disease Larval Zebrafish Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1984.	1.8	37
18	Early intervention with gastrodin reduces striatal neurotoxicity in adult rats with experimentally-induced diabetes mellitus. <i>Molecular Medicine Reports</i> , 2019, 19, 3114-3122.	1.1	11

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19	Effect of the SSeCKSâ€™â€TRAf6 interaction on gastrodin-mediated protection against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced astrocyte activation and neuronal death. <i>Chemosphere</i> , 2019, 226, 678-686.	4.2	15
20	Comparison of Bioactive Compounds and Antioxidant Activities of <i>Maclura tricuspidata</i> Fruit Extracts at Different Maturity Stages. <i>Molecules</i> , 2019, 24, 567.	1.7	22
21	<i>Puerariae Radix</i> Prevents Anxiety and Cognitive Deficits in Mice Under Oligomeric AÎ²-Induced Stress. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 1459-1481.	1.5	17
22	Efficacy and safety of Shenmayizhi decoction as an adjuvant treatment for vascular dementia. <i>Medicine (United States)</i> , 2019, 98, e18326.	0.4	2
23	Gastrodin Ameliorates Motor Learning Deficits Through Preserving Cerebellar Long-Term Depression Pathways in Diabetic Rats. <i>Frontiers in Neuroscience</i> , 2019, 13, 1239.	1.4	17
24	Identification of the absorbed components and their metabolites of Tianmaâ€™Gouteng granule in rat plasma and bile using ultraâ€™highâ€™performance liquid chromatography combined with quadrupole timeâ€™ofâ€™flight mass spectrometry. <i>Biomedical Chromatography</i> , 2019, 33, e4480.	0.8	20
25	Quality Control of <i>Gastrodia elata</i> by High-Performance Liquid Chromatography with Fluorescence Detection (HPLCâ€™FLD) and Principal Component Analysis (PCA) and Hierarchical Cluster Analysis (HCA). <i>Analytical Letters</i> , 2020, 53, 746-759.	1.0	8
26	Gastrodin Attenuates Neuronal Apoptosis and Neurological Deficits after Experimental Intracerebral Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104483.	0.7	29
27	The Potential Role of PKA/CREB Signaling Pathway Concerned with Gastrodin Administration on Methamphetamine-Induced Conditioned Place Preference Rats and SH-SY5Y Cell Line. <i>Neurotoxicity Research</i> , 2020, 37, 926-935.	1.3	7
28	Characterization of the Inhibitory Effect of Gastrodigenin and Gastrodin on M-type K <sup>+</sup> Currents in Pituitary Cells and Hippocampal Neurons. <i>International Journal of Molecular Sciences</i> , 2020, 21, 117.	1.8	12
29	Transcriptome analysis reveals underlying immune response mechanism of fungal ( <i>Penicillium</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 347445.	1.6	8
30	Identification and Investigation of miRNAs From <i>Gastrodia elata</i> Blume and Their Potential Function. <i>Frontiers in Pharmacology</i> , 2020, 11, 542405.	1.6	11
31	Gastrodin Pretreatment Protects Liver Against Ischemia-Reperfusion Injury via Activation of the Nrf2/HO-1 Pathway. <i>The American Journal of Chinese Medicine</i> , 2020, 48, 1159-1178.	1.5	16
32	The study of neuroprotective effects and underlying mechanism of Naoshuantong capsule on ischemia stroke mice. <i>Chinese Medicine</i> , 2020, 15, 119.	1.6	11
33	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for high-level production of gastrodin from glucose. <i>Microbial Cell Factories</i> , 2020, 19, 218.	1.9	15
34	Stimuli-responsive In situ gelling system for nose-to-brain drug delivery. <i>Journal of Controlled Release</i> , 2020, 327, 235-265.	4.8	137
35	Regulation of Mitochondrial Quality Control by Natural Drugs in the Treatment of Cardiovascular Diseases: Potential and Advantages. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 616139.	1.8	32
36	Traditional Chinese medicine protects against hypertensive kidney injury in Dahl salt-sensitive rats by targeting transforming growth factor-Î² signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110746.	2.5	6

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38	Effects of gastrodin against carbon tetrachloride induced kidney inflammation and fibrosis in mice associated with the AMPK/Nrf2/HMGB1 pathway. <i>Food and Function</i> , 2020, 11, 4615-4624.	2.1	19
39	Gastrodin protects H9c2 cardiomyocytes against oxidative injury by ameliorating imbalanced mitochondrial dynamics and mitochondrial dysfunction. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1314-1327.	2.8	32
40	Metabolite Profiling and Distribution of Militarine in Rats Using UPLC-Q-TOF-MS/MS. <i>Molecules</i> , 2020, 25, 1082.	1.7	11
41	Gastrodiae Rhizoma Water Extract Ameliorates Hypothalamicâ€“Pituitaryâ€“Adrenal Axis Hyperactivity and Inflammation Induced by Chronic Unpredictable Mild Stress in Rats. <i>BioMed Research International</i> , 2020, 2020, 1-7.	0.9	8
42	Plant-Derived Natural Biomolecule Picein Attenuates Menadione Induced Oxidative Stress on Neuroblastoma Cell Mitochondria. <i>Antioxidants</i> , 2020, 9, 552.	2.2	18
43	Piezoelectric Scaffolds as Smart Materials for Neural Tissue Engineering. <i>Polymers</i> , 2020, 12, 161.	2.0	84
44	Safety evaluation of water extract of <i>Gastrodia elata</i> Blume: Genotoxicity and 28-day oral toxicity studies. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 114, 104657.	1.3	9
45	Effects of N <sup>6</sup> -(4-hydroxybenzyl) adenine riboside in stressâ€“induced insomnia in rodents. <i>Journal of Sleep Research</i> , 2021, 30, e13156.	1.7	7
46	Effects of Gastrodin on BV2 cells under oxygen-glucose deprivation and its mechanism. <i>Gene</i> , 2021, 766, 145152.	1.0	7
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50	The protective effect of gastrodin against the synergistic effect of HIV-Tat protein and METH on the bloodâ€“brain barrier via glucose transporter 1 and glucose transporter 3. <i>Toxicology Research</i> , 2021, 10, 91-101.	0.9	6
51	Gastrodin extends the lifespan and protects against neurodegeneration in the <i>Drosophila</i> PINK1 model of Parkinson's disease. <i>Food and Function</i> , 2021, 12, 7816-7824.	2.1	28
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53	The Nrf2 pathway in psychiatric disorders: pathophysiological role and potential targeting. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 115-139.	1.5	10
54	Natural Medicines for the Treatment of Epilepsy: Bioactive Components, Pharmacology and Mechanism. <i>Frontiers in Pharmacology</i> , 2021, 12, 604040.	1.6	19

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56	Gastrodin - A potential drug used for the treatment of Tourette Syndrome. <i>Journal of Pharmacological Sciences</i> , 2021, 145, 289-295.	1.1	9
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58	Clinical therapeutic effects of gastrodin in combination with betahistine on vertigo. <i>Medicine (United Tj ETQq1 1 0,784314 rgBT /Over</i>	0.4	2
59	Discrimination between wild-grown and cultivated <i>Gastrodia elata</i> by near-infrared spectroscopy and chemometrics. <i>Vibrational Spectroscopy</i> , 2021, 113, 103203.	1.2	8
60	Chromatographic recovery and purification of natural phytochemicals from underappreciated willow bark water extracts. <i>Separation and Purification Technology</i> , 2021, 261, 118247.	3.9	19
61	Medicinal Plants and Isolated Molecules Demonstrating Immunomodulation Activity as Potential Alternative Therapies for Viral Diseases Including COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 637553.	2.2	55
62	Chinese Herbal Medicine for Treating Epilepsy. <i>Frontiers in Neuroscience</i> , 2021, 15, 682821.	1.4	20
63	Gastrodin Attenuates Tourette Syndrome by Regulating EAATs and NMDA Receptors in the Striatum of Rats. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 2243-2255.	1.0	3
64	A comparative study on ingredient and efficiency difference between fresh and steamed <i>Gastrodia elata</i> Blume: An herbal material to a novel functional food. <i>Journal of Functional Foods</i> , 2021, 82, 104512.	1.6	11
65	Recent Advances in the Anti-Inflammatory Activity of Plant-Derived Alkaloid Rhynchophylline in Neurological and Cardiovascular Diseases. <i>Pharmaceutics</i> , 2021, 13, 1170.	2.0	19
66	A five-dimensional data collection strategy for multicomponent discovery and characterization in Traditional Chinese Medicine: <i>Gastrodia Rhizoma</i> as a case study. <i>Journal of Chromatography A</i> , 2021, 1653, 462405.	1.8	16
67	Gastrodin Improves Nonalcoholic Fatty Liver Disease Through Activation of the Adenosine Monophosphate-Activated Protein Kinase Signaling Pathway. <i>Hepatology</i> , 2021, 74, 3074-3090.	3.6	30
68	Comparative transcriptome analysis of tubers, stems, and flowers of <i>Gastrodia elata</i> Blume reveals potential genes involved in the biosynthesis of phenolics. <i>FÄ-toterapÄ-Äc</i> , 2021, 153, 104988.	1.1	13
69	A single low-energy shockwave pulse opens blood-cerebrospinal fluid barriers and facilitates gastrodin delivery to alleviate epilepsy. <i>Ultrasonics Sonochemistry</i> , 2021, 78, 105730.	3.8	11
70	Modulation of the transport of valproic acid through the blood-brain barrier in rats by the <i>Gastrodia elata</i> extracts. <i>Journal of Ethnopharmacology</i> , 2021, 278, 114276.	2.0	6
71	Gastrodin promotes hippocampal neurogenesis via PDE9-cGMP-PKG pathway in mice following cerebral ischemia. <i>Neurochemistry International</i> , 2021, 150, 105171.	1.9	18
72	The up-regulation of miR-21 by gastrodin to promote the angiogenesis ability of human umbilical vein endothelial cells by activating the signaling pathway of PI3K/Akt. <i>Bioengineered</i> , 2021, 12, 5402-5410.	1.4	17

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73	Oral Chinese Herbal Medicine as Prophylactic Treatment for Episodic Migraine in Adults: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-20.	0.5	9
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77	Neuroinflammation and Modulation Role of Natural Products After Spinal Cord Injury. Journal of Inflammation Research, 2021, Volume 14, 5713-5737.	1.6	8
78	Gastrodia elata Blume (Tianma): Hope for Brain Aging and Dementia. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-7.	0.5	20
79	Primer on the Pathogenesis of Severe COVID-19: Part One. European Medical Journal (Chelmsford,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.0	1
80	Overview of Molecular Mechanisms Involved in Herbal Compounds for Inhibiting Osteoclastogenesis from Macrophage Linage RAW264.7. Current Stem Cell Research and Therapy, 2020, 15, 570-578.	0.6	5
81	Crocetin Alleviates Ovariectomy-Induced Metabolic Dysfunction through Regulating Estrogen Receptor $\beta$ . Journal of Agricultural and Food Chemistry, 2021, 69, 14824-14839.	2.4	2
82	Clinical and economic analysis of Gastrodin injection for dizziness or vertigo: a retrospective cohort study based on electronic health records in China. Chinese Medicine, 2022, 17, 6.	1.6	9
83	Treatment Combining Focused Ultrasound with Gastrodin Alleviates Memory Deficit and Neuropathology in an Alzheimer's Disease-Like Experimental Mouse Model. Neural Plasticity, 2022, 2022, 1-13.	1.0	15
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85	A novel therapeutic strategy for atherosclerosis: autophagy-dependent cholesterol efflux. Journal of Physiology and Biochemistry, 2022, 78, 557-572.	1.3	4
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88	Effects of Bushen-Jiangya granules on blood pressure and pharmacogenomic evaluation in low-to-medium-risk hypertensive patients: study protocol for a randomized double-blind controlled trial. Trials, 2022, 23, 37.	0.7	0
89	Characterization and structural analyses of a novel glycosyltransferase acting on the $\beta$ -1,2-glycosidic linkages. Journal of Biological Chemistry, 2022, 298, 101606.	1.6	5
90	Ameliorative effect of Gastrodia elata Blume extracts on depression in zebrafish and cellular models through modulating reticulon 4 receptors and apoptosis. Journal of Ethnopharmacology, 2022, 289, 115018.	2.0	4

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92	Gastrodin attenuates lipopolysaccharide-induced inflammation and oxidative stress, and promotes the osteogenic differentiation of human periodontal ligament stem cells through enhancing sirtuin3 expression. <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 296.	0.8	6
93	Para-Hydroxybenzyl Alcohol Delays the Progression of Neurodegenerative Diseases in Models of <i>Caenorhabditis elegans</i> through Activating Multiple Cellular Protective Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-18.	1.9	5
94	The pathogenesis and treatment mechanism of Parkinson's disease from the perspective of traditional Chinese medicine. <i>Phytomedicine</i> , 2022, 100, 154044.	2.3	14
95	Gastrodin attenuates perfluorooctanoic acid-induced liver injury by regulating gut microbiota composition in mice. <i>Bioengineered</i> , 2021, 12, 11546-11556.	1.4	14
96	Gastrodin exerts protective effects in reactive TNC1 astrocytes via regulation of the Notch signaling pathway. <i>Annals of Translational Medicine</i> , 2021, 9, 1754-1754.	0.7	7
97	Potential Natural Compounds for the Prevention and Treatment of Nonalcoholic Fatty Liver Disease: A Review on Molecular Mechanisms. <i>Current Molecular Pharmacology</i> , 2021, 15, .	0.7	1
98	Gastrodin inhibits high glucose-induced inflammation, oxidative stress and apoptosis in podocytes by activating the AMPK/Nrf2 signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2021, 23, 168.	0.8	18
114	Gastrodin Alleviates Acetaminophen-Induced Liver Injury in a Mouse Model Through Inhibiting MAPK and Enhancing Nrf2 Pathways. <i>Inflammation</i> , 2022, 45, 1450-1462.	1.7	8
115	The protective effect of chemical and natural compounds against vincristine-induced peripheral neuropathy (VIPN). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 907-919.	1.4	3
116	Focused Ultrasound Promotes the Delivery of Gastrodin and Enhances the Protective Effect on Dopaminergic Neurons in a Mouse Model of Parkinson's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, .	1.8	8
117	Treatment of pilocarpine-induced epileptic seizures in adult male mice. <i>Brazilian Journal of Biology</i> , 2022, 84, e260091.	0.4	7
118	Gastrodin From <i>Gastrodia elata</i> Enhances Cognitive Function and Neuroprotection of AD Mice via the Regulation of Gut Microbiota Composition and Inhibition of Neuron Inflammation. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	22
119	Dynamic changes of differential metabolites and key metabolic pathways of <i>Gastrodia elata</i> Blume during fermentation. <i>International Journal of Food Properties</i> , 2022, 25, 1539-1548.	1.3	4
120	Analysis of Medication Rule of Primary Epilepsy Based on Xiaocheng Yan's Clinical Experience Collection of Epilepsy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-13.	0.5	3
121	Application of the adverse outcome pathway concept for investigating developmental neurotoxicity potential of Chinese herbal medicines by using human neural progenitor cells in vitro. <i>Cell Biology and Toxicology</i> , 2023, 39, 319-343.	2.4	5
122	Rhizoma <i>Gastrodiae</i> Water Extract Modulates the Gut Microbiota and Pathological Changes of P-TauThr231 to Protect Against Cognitive Impairment in Mice. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
123	A comparative study of vestibular improvement and gastrointestinal effect of betahistine and gastrodin in mice. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113344.	2.5	3

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124	Enzymatic Biosynthesis of Simple Phenolic Glycosides as Potential Anti-Melanogenic Antioxidants. <i>Antioxidants</i> , 2022, 11, 1396.	2.2	2
125	Effectiveness of gastrodin for migraine: A meta-analysis. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	3
126	Regulatory mechanisms of tetramethylpyrazine on central nervous system diseases: A review. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
127	Inhibition of $\alpha$ -synuclein aggregation by MT101-5 is neuroprotective in mouse models of Parkinson's disease. <i>Biomedicine and Pharmacotherapy</i> , 2022, 154, 113637.	2.5	0
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129	The effects of fresh <i>Gastrodia elata</i> Blume on the cognitive deficits induced by chronic restraint stress. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	6
130	Estrogenic Effect of <i>Gastrodia elata</i> Blume Extract. <i>Korean Journal of Medicinal Crop Science</i> , 2022, 30, 233-246.	0.1	0
131	Compounds purified from edible fungi fight against chronic inflammation through oxidative stress regulation. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
132	Beneficial Effect of <i>Gastrodia elata</i> Blume and <i>Poria cocos</i> Wolf Administration on Acute UVB Irradiation by Alleviating Inflammation through Promoting the Gut-Skin Axis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10833.	1.8	7
133	Molecular Mechanistic Pathways Targeted by Natural Compounds in the Prevention and Treatment of Diabetic Kidney Disease. <i>Molecules</i> , 2022, 27, 6221.	1.7	9
134	Gastrodin Ameliorates Cognitive Dysfunction in Vascular Dementia Rats by Suppressing Ferroptosis via the Regulation of the Nrf2/Keap1-GPx4 Signaling Pathway. <i>Molecules</i> , 2022, 27, 6311.	1.7	15
135	Multifunctional role of natural products for the treatment of Parkinson's disease: At a glance. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	13
137	Application of natural antioxidants from traditional Chinese medicine in the treatment of spinal cord injury. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
138	<i>Para</i> -hydroxybenzaldehyde against transient focal cerebral ischemia in rats via mitochondrial preservation. <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	0.8	6
139	Diversification of phenolic glucosides by two UDP-glucosyltransferases featuring complementary regioselectivity. <i>Microbial Cell Factories</i> , 2022, 21, .	1.9	6
140	The gastrodin biosynthetic pathway in <i>Pholidota chinensis</i> Lindl. revealed by transcriptome and metabolomes profiling. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	0
141	Network pharmacology and molecular docking analysis on molecular targets and mechanisms of <i>Gastrodia elata</i> Blume in the treatment of ischemic stroke. <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	0.8	3
142	Neuroprotective effect and herbal-drug pharmacokinetic interaction of <i>Gastrodia elata</i> extract on valproic acid. <i>Biomedicine and Pharmacotherapy</i> , 2022, 156, 113938.	2.5	1



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143	Effects of gastrodin on the expression of brain aging-related genes in SAM/P8 mice based on network pharmacology. , 2023, 9, 157-170.		0
144	Neuroprotection of Gastrodia elata polyphenols against H2O2-induced PC12 cell cytotoxicity by reducing oxidative stress. Frontiers in Pharmacology, 0, 13, .	1.6	6
145	A Review of Antidepressant Effects and Mechanisms of Three Common Herbal Medicines: Panax ginseng, Bupleurum chinense, and Gastrodia elata. CNS and Neurological Disorders - Drug Targets, 2022, 22, .	0.8	1
146	Roles and Mechanisms of Astragaloside IV in Combating Neuronal Aging. , 2022, 13, 1845.		2
147	Inflammasomes as biomarkers and therapeutic targets in traumatic brain injury and related-neurodegenerative diseases: A comprehensive overview. Neuroscience and Biobehavioral Reviews, 2023, 144, 104969.	2.9	6
148	Gastrodin ameliorates exercise-induced fatigue via modulating Nrf2 pathway and inhibiting inflammation in mice. Food Bioscience, 2023, 51, 102262.	2.0	3
149	A narrative review on traditional Chinese medicine prescriptions and bioactive components in epilepsy treatment. Annals of Translational Medicine, 2022, .	0.7	1
150	pH as a Key Factor for the Quality Assurance of the Preparation of Gastrodiae Rhizoma Formula Granules. Molecules, 2022, 27, 8091.	1.7	0
151	The effects of bioactive components from the rhizome of gastrodia elata blume (Tianma) on the characteristics of Parkinson's disease. Frontiers in Pharmacology, 0, 13, .	1.6	11
152	Research progress in traditional Chinese medicine in the treatment of Alzheimer's disease and related dementias. Frontiers in Pharmacology, 0, 13, .	1.6	6
153	Preparation of gastrodin-modified dendrimer-entrapped gold nanoparticles as a drug delivery system for cerebral ischemia-reperfusion injury. Brain and Behavior, 2022, 12, .	1.0	10
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