Tourandokht Baluchnejadmojarad

List of Publications by Year in descending order

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100 papers

3,538 citations

39 h-index 53 g-index

102 all docs 102 docs citations

times ranked

102

4582 citing authors

#	Article	IF	Citations
1	Naringenin improves learning and memory in an Alzheimer's disease rat model: Insights into the underlying mechanisms. European Journal of Pharmacology, 2015, 764, 195-201.	1.7	133
2	Berberine Ameliorate Oxidative Stress and Astrogliosis in the Hippocampus of STZ-Induced Diabetic Rats. Molecular Neurobiology, 2014, 49, 820-826.	1.9	103
3	Neuroprotective effect of silymarin in 6-hydroxydopamine hemi-parkinsonian rat: Involvement of estrogen receptors and oxidative stress. Neuroscience Letters, 2010, 480, 206-210.	1.0	90
4	Ellagic acid exerts protective effect in intrastriatal 6-hydroxydopamine rat model of Parkinson's disease: Possible involvement of ERβ/Nrf2/HO-1 signaling. Brain Research, 2017, 1662, 23-30.	1,1	82
5	Hypoglycemic and hypolipidemic effect and antioxidant activity of chronic epigallocatechin-gallate in streptozotocin-diabetic rats. Pathophysiology, 2010, 17, 55-59.	1.0	78
6	Chronic epigallocatechin-3-gallate ameliorates learning and memory deficits in diabetic rats via modulation of nitric oxide and oxidative stress. Behavioural Brain Research, 2011, 224, 305-310.	1,2	78
7	S-allyl cysteine ameliorates cognitive deficits in streptozotocin-diabetic rats via suppression of oxidative stress, inflammation, and acetylcholinesterase. European Journal of Pharmacology, 2017, 794, 69-76.	1.7	75
8	Diosgenin ameliorates testicular damage in streptozotocin-diabetic rats through attenuation of apoptosis, oxidative stress, and inflammation. International Immunopharmacology, 2019, 70, 37-46.	1.7	75
9	Oral pelargonidin exerts dose-dependent neuroprotection in 6-hydroxydopamine rat model of hemi-parkinsonism. Brain Research Bulletin, 2010, 82, 279-283.	1.4	72
10	Soy isoflavone genistein attenuates lipopolysaccharide-induced cognitive impairments in the rat via exerting anti-oxidative and anti-inflammatory effects. Cytokine, 2018, 104, 151-159.	1.4	70
11	Hesperetin, a citrus flavonoid, attenuates testicular damage in diabetic rats via inhibition of oxidative stress, inflammation, and apoptosis. Life Sciences, 2018, 210, 132-139.	2.0	68
12	Rutin, a quercetin glycoside, alleviates acute endotoxemic kidney injury in C57BL/6 mice via suppression of inflammation and up-regulation of antioxidants and SIRT1. European Journal of Pharmacology, 2018, 833, 307-313.	1.7	67
13	Neuroprotective effect of genistein in 6â€hydroxydopamine Hemiâ€parkinsonian rat model. Phytotherapy Research, 2009, 23, 132-135.	2.8	65
14	Hippocampal synaptic plasticity restoration and anti-apoptotic effect underlie berberine improvement of learning and memory in streptozotocin-diabetic rats. European Journal of Pharmacology, 2013, 698, 259-266.	1.7	65
15	Chronic epigallocatechin-gallate improves aortic reactivity of diabetic rats: Underlying mechanisms. Vascular Pharmacology, 2009, 51, 84-89.	1.0	64
16	Garlic extract reduces serum angiotensin converting enzyme (ACE) activity in nondiabetic and streptozotocin-diabetic rats. Pathophysiology, 2007, 14, 109-112.	1.0	62
17	Pelargonidin improves memory deficit in amyloid β25-35 rat model of Alzheimer's disease by inhibition of glial activation, cholinesterase, and oxidative stress. Biomedicine and Pharmacotherapy, 2016, 83, 85-91.	2.5	61
18	Ellagic acid ameliorates learning and memory deficits in a rat model of Alzheimer's disease: an exploration of underlying mechanisms. Psychopharmacology, 2017, 234, 1841-1852.	1.5	61

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19	Diosgenin ameliorates development of neuropathic pain in diabetic rats: Involvement of oxidative stress and inflammation. Biomedicine and Pharmacotherapy, 2017, 86, 654-661.	2.5	61
20	Effect of Naringenin on Intracerebroventricular Streptozotocin-Induced Cognitive Deficits in Rat: A Behavioral Analysis. Pharmacology, 2006, 78, 193-197.	0.9	58
21	Antiepileptogenic effect of curcumin on kainate-induced model of temporal lobe epilepsy. Pharmaceutical Biology, 2013, 51, 1572-1578.	1.3	58
22	Naringenin ameliorates learning and memory impairment following systemic lipopolysaccharide challenge in the rat. European Journal of Pharmacology, 2018, 826, 114-122.	1.7	57
23	Berberine ameliorates lipopolysaccharide-induced learning and memory deficit in the rat: insights into underlying molecular mechanisms. Metabolic Brain Disease, 2019, 34, 245-255.	1.4	55
24	Carnosine ameliorates cognitive deficits in streptozotocin-induced diabetic rats: Possible involved mechanisms. Peptides, 2016, 86, 102-111.	1.2	53
25	Garlic active constituent s-allyl cysteine protects against lipopolysaccharide-induced cognitive deficits in the rat: Possible involved mechanisms. European Journal of Pharmacology, 2017, 795, 13-21.	1.7	53
26	Beneficial effect of aqueous garlic extract on the vascular reactivity of streptozotocin-diabetic rats. Journal of Ethnopharmacology, 2003, 85, 139-144.	2.0	52
27	Protective Effect of Oral Hesperetin Against Unilateral Striatal 6-Hydroxydopamine Damage in the Rat. Neurochemical Research, 2016, 41, 1065-1072.	1.6	51
28	Antinociceptive effect of Teucrium polium leaf extract in the diabetic rat formalin test. Journal of Ethnopharmacology, 2005, 97, 207-210.	2.0	46
29	Antidiabetic potential of salvianolic acid B in multiple low-dose streptozotocin-induced diabetes. Pharmaceutical Biology, 2015, 53, 1803-1809.	1.3	46
30	Safranal, an active ingredient of saffron, attenuates cognitive deficits in amyloid β-induced rat model of Alzheimer's disease: underlying mechanisms. Metabolic Brain Disease, 2019, 34, 1747-1759.	1.4	46
31	Vascular mechanisms of cyanidin-3-glucoside response in streptozotocin-diabetic rats. Pathophysiology, 2011, 18, 273-278.	1.0	45
32	Sesamin imparts neuroprotection against intrastriatal 6-hydroxydopamine toxicity by inhibition of astroglial activation, apoptosis, and oxidative stress. Biomedicine and Pharmacotherapy, 2017, 88, 754-761.	2.5	45
33	Carnosine Exerts Neuroprotective Effect Against 6-Hydroxydopamine Toxicity in Hemiparkinsonian Rat. Molecular Neurobiology, 2015, 51, 1064-1070.	1.9	44
34	Trigonelline mitigates lipopolysaccharide-induced learning and memory impairment in the rat due to its anti-oxidative and anti-inflammatory effect. International Immunopharmacology, 2018, 61, 355-362.	1.7	44
35	Trigonelline protects hippocampus against intracerebral Aβ(1–40) as a model of Alzheimer's disease in the rat: insights into underlying mechanisms. Metabolic Brain Disease, 2019, 34, 191-201.	1.4	44
36	Thymoquinone Attenuates Astrogliosis, Neurodegeneration, Mossy Fiber Sprouting, and Oxidative Stress in a Model of Temporal Lobe Epilepsy. Journal of Molecular Neuroscience, 2013, 51, 679-686.	1.1	42

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37	Chronic administration of genistein improves aortic reactivity of streptozotocin-diabetic rats: Mode of action. Vascular Pharmacology, 2008, 49, 1 -5.	1.0	41
38	Riluzole ameliorates learning and memory deficits in AÎ ² 25-35-induced rat model of Alzheimer's disease and is independent of cholinoceptor activation. Biomedicine and Pharmacotherapy, 2017, 87, 135-144.	2.5	41
39	The anti-aging protein klotho alleviates injury of nigrostriatal dopaminergic pathway in 6-hydroxydopamine rat model of Parkinson's disease: Involvement of PKA/CaMKII/CREB signaling. Experimental Gerontology, 2017, 100, 70-76.	1.2	41
40	Berberine ameliorates intrahippocampal kainate-induced status epilepticus and consequent epileptogenic process in the rat: Underlying mechanisms. Biomedicine and Pharmacotherapy, 2017, 87, 200-208.	2.5	40
41	Chronic Cyanidinâ€3â€glucoside Administration Improves Shortâ€term Spatial Recognition Memory but not Passive Avoidance Learning and Memory in Streptozotocinâ€diabetic Rats. Phytotherapy Research, 2012, 26, 1205-1210.	2.8	39
42	Troxerutin exerts neuroprotection in 6-hydroxydopamine lesion rat model of Parkinson's disease: Possible involvement of PI3K/ERβ signaling. European Journal of Pharmacology, 2017, 801, 72-78.	1.7	39
43	Hypericum Perforatum Hydroalcoholic Extract Mitigates Motor Dysfunction and is Neuroprotective in Intrastriatal 6-Hydroxydopamine Rat Model of Parkinson's Disease. Cellular and Molecular Neurobiology, 2016, 36, 521-530.	1.7	38
44	Neuroprotective and anticonvulsant effects of sinomenine in kainate rat model of temporal lobe epilepsy: Involvement of oxidative stress, inflammation and pyroptosis. Journal of Chemical Neuroanatomy, 2020, 108, 101800.	1.0	38
45	Diosgenin Mitigates Streptozotocin Diabetes-induced Vascular Dysfunction of the Rat Aorta. Journal of Cardiovascular Pharmacology, 2015, 66, 584-592.	0.8	37
46	Isorhamnetin exerts neuroprotective effects in STZ-induced diabetic rats via attenuation of oxidative stress, inflammation and apoptosis. Journal of Chemical Neuroanatomy, 2019, 102, 101709.	1.0	37
47	Coenzyme Q10 Ameliorates Neurodegeneration, Mossy Fiber Sprouting, and Oxidative Stress in Intrahippocampal Kainate Model of Temporal Lobe Epilepsy in Rat. Journal of Molecular Neuroscience, 2013, 49, 194-201.	1.1	36
48	S-allyl cysteine protects against lipopolysaccharide-induced acute kidney injury in the C57BL/6 mouse strain: Involvement of oxidative stress and inflammation. International Immunopharmacology, 2019, 69, 19-26.	1.7	36
49	Efficacy of elevated body swing test in the early model of Parkinson's disease in rat. Physiology and Behavior, 2002, 76, 507-510.	1.0	34
50	Mechanisms underlying vascular effect of chronic resveratrol in streptozotocinâ€diabetic rats. Phytotherapy Research, 2010, 24, S148-54.	2.8	34
51	Chronic Administration of Daidzein, a Soybean Isoflavone, Improves Endothelial Dysfunction and Attenuates Oxidative Stress in Streptozotocinâ€induced Diabetic Rats. Phytotherapy Research, 2013, 27, 112-117.	2.8	34
52	Scutellarin alleviates lipopolysaccharide-induced cognitive deficits in the rat: Insights into underlying mechanisms. International Immunopharmacology, 2018, 54, 311-319.	1.7	34
53	Endothelium-dependent and -independent effect of aqueous extract of garlic on vascular reactivity on diabetic rats. Fìtoterapìâ, 2003, 74, 630-637.	1.1	33
54	Acetyl-l-carnitine protects dopaminergic nigrostriatal pathway in 6-hydroxydopamine-induced model of Parkinsona∈™s disease in the rat. Biomedicine and Pharmacotherapy, 2017, 89, 1-9	2.5	33

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55	Protective effect of sesamin in lipopolysaccharide-induced mouse model of acute kidney injury via attenuation of oxidative stress, inflammation, and apoptosis. Immunopharmacology and Immunotoxicology, 2018, 40, 423-429.	1.1	33
56	Garlic extract attenuates time-dependent changes in the reactivity of isolated aorta in streptozotocin-diabetic rats. Life Sciences, 2003, 73, 2281-2289.	2.0	31
57	Netrin-1 improves spatial memory and synaptic plasticity impairment following global ischemia in the rat. Brain Research, 2012, 1452, 185-194.	1.1	31
58	Berberine chloride improved synaptic plasticity in STZ induced diabetic rats. Metabolic Brain Disease, 2013, 28, 421-428.	1.4	30
59	Mechanisms underlying quercetin-induced vasorelaxation in aorta of subchronic diabetic rats: an in vitro study. Vascular Pharmacology, 2004, 42, 31-35.	1.0	28
60	The sesame lignan sesamin attenuates vascular dysfunction in streptozotocin diabetic rats: Involvement of nitric oxide and oxidative stress. European Journal of Pharmacology, 2013, 698, 316-321.	1.7	28
61	Protective effect of diosgenin on LPS/D-Gal-induced acute liver failure in C57BL/6 mice. Microbial Pathogenesis, 2020, 146, 104243.	1.3	28
62	Chronic Oral Epigallocatechin-gallate Alleviates Streptozotocin-induced Diabetic Neuropathic Hyperalgesia in Rat: Involvement of Oxidative Stress. Iranian Journal of Pharmaceutical Research, 2012, 11, 1243-53.	0.3	26
63	Chronic oral pelargonidin alleviates streptozotocin-induced diabetic neuropathic hyperalgesia in rat: involvement of oxidative stress. Iranian Biomedical Journal, 2010, 14, 33-9.	0.4	24
64	Diosgenin Attenuates Cognitive Impairment in Streptozotocin-Induced Diabetic Rats: Underlying Mechanisms. Neuropsychobiology, 2021, 80, 25-35.	0.9	23
65	Klotho Ameliorates Cellular Inflammation via Suppression of Cytokine Release and Upregulation of miR-29a in the PBMCs of Diagnosed Alzheimer's Disease Patients. Journal of Molecular Neuroscience, 2019, 69, 157-165.	1.1	22
66	Chronic treatment of silymarin improves hyperalgesia and motor nerve conduction velocity in diabetic neuropathic rat. Phytotherapy Research, 2010, 24, 1120-1125.	2.8	21
67	Troxerutin exerts neuroprotection against lipopolysaccharide (LPS) induced oxidative stress and neuroinflammation through targeting SIRT1/SIRT3 signaling pathway. Metabolic Brain Disease, 2019, 34, 1505-1513.	1.4	21
68	Ellagic acid ameliorates neuroinflammation and demyelination in experimental autoimmune encephalomyelitis: Involvement of NLRP3 and pyroptosis. Journal of Chemical Neuroanatomy, 2021, 111, 101891.	1.0	21
69	Sinomenine Alleviates Murine Experimental Autoimmune Encephalomyelitis Model of Multiple Sclerosis through Inhibiting NLRP3 Inflammasome. Journal of Molecular Neuroscience, 2021, 71, 215-224.	1.1	21
70	S-allyl cysteine improves clinical and neuropathological features of experimental autoimmune encephalomyelitis in C57BL/6 mice. Biomedicine and Pharmacotherapy, 2018, 97, 557-563.	2.5	17
71	Evaluation of functional asymmetry in rats with dose-dependent lesions of dopaminergic nigrostriatal system using elevated body swing test. Physiology and Behavior, 2004, 82, 369-373.	1.0	16
72	Protective effect of enalapril on vascular reactivity of the rat aorta. Vascular Pharmacology, 2004, 40, 301-307.	1.0	15

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73	Anti-aging Klotho Protects SH-SY5Y Cells Against Amyloid β1–42 Neurotoxicity: Involvement of Wnt1/pCREB/Nrf2/HO-1 Signaling. Journal of Molecular Neuroscience, 2021, 71, 19-27.	1.1	15
74	The effects simultaneous inhibition of dipeptidyl peptidase-4 and P2X7 purinoceptors in an in vivo Parkinson's disease model. Metabolic Brain Disease, 2020, 35, 539-548.	1.4	13
75	Nobiletin prevents amyloid \hat{l}^2 1-40-induced cognitive impairment via inhibition of neuroinflammation and oxidative/nitrosative stress. Metabolic Brain Disease, 2022, 37, 1337-1349.	1.4	13
76	Acetyl-L-Carnitine Exerts Neuroprotective and Anticonvulsant Effect in Kainate Murine Model of Temporal Lobe Epilepsy. Journal of Molecular Neuroscience, 2022, , 1.	1.1	13
77	Therapeutic Potential of Isorhamnetin following Acetaminophen-Induced Hepatotoxicity through Targeting NLRP3/NF-PB/Nrf2. Drug Research, 2022, 72, 245-254.	0.7	11
78	Sâ€allyl cysteine, an active ingredient of garlic, attenuates acute liver dysfunction induced by lipopolysaccharide/ <scp>d</scp> â€galactosamine in mouse: Underlying mechanisms. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22518.	1.4	10
79	Pelargonidin Improves Passive Avoidance Task Performance in a Rat Amyloid Beta25-35 Model of Alzheimer's Disease Via Estrogen Receptor Independent Pathways. Acta Medica Iranica, 2016, 54, 245-50.	0.8	10
80	Sinomenine Attenuates Trimethyltin-Induced Cognitive Decline via Targeting Hippocampal Oxidative Stress and Neuroinflammation. Journal of Molecular Neuroscience, 2022, 72, 1609-1621.	1.1	10
81	Combination therapy with dipeptidyl peptidase-4 and P2X7 purinoceptor inhibitors gives rise to antiepileptic effects in rats. Journal of Chemical Neuroanatomy, 2020, 110, 101855.	1.0	8
82	Paeonol Protection Against Intrastriatal 6-Hydroxydopamine Rat Model of Parkinson's Disease. Basic and Clinical Neuroscience, 2021, 12, 43-56.	0.3	8
83	The Association Between Circulating Klotho and Dipeptidyl Peptidase-4 Activity and Inflammatory Cytokines in Elderly Patients With Alzheimer Disease. Basic and Clinical Neuroscience, 2020, 11, 349-358.	0.3	8
84	Dendritic spine changes in medial prefrontal cortex of male diabetic rats using Golgi-impregnation method. Archives of Iranian Medicine, 2007, 10, 54-8.	0.2	8
85	The Sesame Lignan Sesamin Attenuates Vascular Permeability in Rats with Streptozotocin-Induced Diabetes: Involvement of Oxidative Stress. International Journal of Endocrinology and Metabolism, 2011, 9, 248-252.	0.3	6
86	Paeonol exerts neuroprotective and anticonvulsant effects in intrahippocampal kainate model of temporal lobe epilepsy. Journal of Chemical Neuroanatomy, 2022, 124, 102121.	1.0	5
87	Hepatoprotective Effect of Myricetin following Lipopolysaccharide/DGalactosamine: Involvement of Autophagy and Sirtuin 1. Current Molecular Pharmacology, 2023, 16, 419-433.	0.7	5
88	Diosgenin ameliorates cellular and molecular changes in multiple sclerosis in C57BL/6 mice. Multiple Sclerosis and Related Disorders, 2021, 55, 103211.	0.9	4
89	Endothelium-dependent Effect of Sesame Seed Feeding on Vascular Reactivity of Streptozotocin-diabetic Rats: Underlying Mechanisms. Iranian Journal of Pharmaceutical Research, 2013, 12, 377-85.	0.3	4
90	Dalteparin as a Novel Therapeutic Agent to Prevent Diabetic Encephalopathy by Targeting Oxidative Stress and Inflammation. Basic and Clinical Neuroscience, 2020, 11, 795-804.	0.3	4

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91	The Role of Adrenergic and Angiotensinergic Systems in Vascular Effect of Alcoholic of Extract Trigonella foenum-graecum Seed in Diabetic Rats. Iranian Journal of Pharmaceutical Research, 2011, 10, 83-8.	0.3	3
92	Sinapic acid ameliorates paracetamol-induced acute liver injury through targeting oxidative stress and inflammation. Molecular Biology Reports, 2022, 49, 4179-4191.	1.0	3
93	DOSE-DEPENDENT EFFECT OF CAPTOPRIL ON AORTIC REACTIVITY OF STREPTOZOTOCIN-DIABETIC RATS. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 342-347.	0.9	2
94	Hepcidin Peptide Inhibitor as Cardioprotection by Targeting Oxidative Stress and Inflammation in Type 1 Diabetic. International Journal of Peptide Research and Therapeutics, 2020, 26, 1099-1106.	0.9	2
95	Involvement of High-Conductance Calcium-Dependent Potassium Channels in Short-Term Presynaptic Plasticity in the Rat Dentate Gyrus. Neurophysiology, 2013, 45, 1-5.	0.2	1
96	Fetal Hypothyroidism Impairs Aortic Vasorelaxation Responses in Adulthood: Involvement of Hydrogen Sulfide and Nitric Oxide Cross talk. Journal of Cardiovascular Pharmacology, 2021, 77, 238-244.	0.8	1
97	Differential Effect of Amyloid Beta1-40 on Short-term and Long-term Plasticity in Dentate Gyrus of a Rat Model of Alzheimer Disease. Basic and Clinical Neuroscience, 2020, 11, 517-524.	0.3	1
98	Dalteparin as a Novel Therapeutic Agent to Prevent Diabetic Encephalopathy by Targeting Oxidative Stress and Inflammation. Basic and Clinical Neuroscience, 2020, 11, 795-804.	0.3	0
99	Esculetin Alleviates Acute Liver Failure following Lipopolysaccharide/D-Galactosamine in Male C57BL/6 Mice. Iranian Journal of Medical Sciences, 2021, 46, 373-382.	0.3	0
100	Linagliptin Protects Human SH-SY5Y Neuroblastoma Cells against Amyloid-Î ² Cytotoxicity via the Activation of Wnt1 and Suppression of IL-6 Release. Iranian Biomedical Journal, 2021, 25, 343-8.	0.4	o