

# Tourandokht Baluchnejadmojarad

## List of Publications by Year in descending order

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100  
papers

3,538  
citations

81743

39  
h-index

168136

53  
g-index

102  
all docs

102  
docs citations

102  
times ranked

4582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepatoprotective Effect of Myricetin following Lipopolysaccharide/DGalactosamine: Involvement of Autophagy and Sirtuin 1. <i>Current Molecular Pharmacology</i> , 2023, 16, 419-433.	0.7	5
2	Sinapic acid ameliorates paracetamol-induced acute liver injury through targeting oxidative stress and inflammation. <i>Molecular Biology Reports</i> , 2022, 49, 4179-4191.	1.0	3
3	Therapeutic Potential of Isorhamnetin following Acetaminophen-Induced Hepatotoxicity through Targeting NLRP3/NF- $\kappa$ B/Nrf2. <i>Drug Research</i> , 2022, 72, 245-254.	0.7	11
4	Nobiletin prevents amyloid $\beta$ 1-40-induced cognitive impairment via inhibition of neuroinflammation and oxidative/nitrosative stress. <i>Metabolic Brain Disease</i> , 2022, 37, 1337-1349.	1.4	13
5	Acetyl-L-Carnitine Exerts Neuroprotective and Anticonvulsant Effect in Kainate Murine Model of Temporal Lobe Epilepsy. <i>Journal of Molecular Neuroscience</i> , 2022, , 1.	1.1	13
6	Sinomenine Attenuates Trimethyltin-Induced Cognitive Decline via Targeting Hippocampal Oxidative Stress and Neuroinflammation. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 1609-1621.	1.1	10
7	Paeonol exerts neuroprotective and anticonvulsant effects in intrahippocampal kainate model of temporal lobe epilepsy. <i>Journal of Chemical Neuroanatomy</i> , 2022, 124, 102121.	1.0	5
8	Diosgenin Attenuates Cognitive Impairment in Streptozotocin-Induced Diabetic Rats: Underlying Mechanisms. <i>Neuropsychobiology</i> , 2021, 80, 25-35.	0.9	23
9	Anti-aging Klotho Protects SH-SY5Y Cells Against Amyloid $\beta$ 1-42 Neurotoxicity: Involvement of Wnt1/pCREB/Nrf2/HO-1 Signaling. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 19-27.	1.1	15
10	Ellagic acid ameliorates neuroinflammation and demyelination in experimental autoimmune encephalomyelitis: Involvement of NLRP3 and pyroptosis. <i>Journal of Chemical Neuroanatomy</i> , 2021, 111, 101891.	1.0	21
11	Sinomenine Alleviates Murine Experimental Autoimmune Encephalomyelitis Model of Multiple Sclerosis through Inhibiting NLRP3 Inflammasome. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 215-224.	1.1	21
12	Paeonol Protection Against Intrastratial 6-Hydroxydopamine Rat Model of Parkinson's Disease. <i>Basic and Clinical Neuroscience</i> , 2021, 12, 43-56.	0.3	8
13	Fetal Hypothyroidism Impairs Aortic Vasorelaxation Responses in Adulthood: Involvement of Hydrogen Sulfide and Nitric Oxide Cross talk. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 77, 238-244.	0.8	1
14	Diosgenin ameliorates cellular and molecular changes in multiple sclerosis in C57BL/6 mice. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 55, 103211.	0.9	4
15	Esculetin Alleviates Acute Liver Failure following Lipopolysaccharide/D-Galactosamine in Male C57BL/6 Mice. <i>Iranian Journal of Medical Sciences</i> , 2021, 46, 373-382.	0.3	0
16	Linagliptin Protects Human SH-SY5Y Neuroblastoma Cells against Amyloid- $\beta$ Cytotoxicity via the Activation of Wnt1 and Suppression of IL-6 Release. <i>Iranian Biomedical Journal</i> , 2021, 25, 343-8.	0.4	0
17	Hepcidin Peptide Inhibitor as Cardioprotection by Targeting Oxidative Stress and Inflammation in Type 1 Diabetic. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 1099-1106.	0.9	2
18	Combination therapy with dipeptidyl peptidase-4 and P2X7 purinoceptor inhibitors gives rise to antiepileptic effects in rats. <i>Journal of Chemical Neuroanatomy</i> , 2020, 110, 101855.	1.0	8

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19	Protective effect of diosgenin on LPS/D-Gal-induced acute liver failure in C57BL/6 mice. <i>Microbial Pathogenesis</i> , 2020, 146, 104243.	1.3	28
20	S-allyl cysteine, an active ingredient of garlic, attenuates acute liver dysfunction induced by lipopolysaccharide (LPS)-galactosamine in mouse: Underlying mechanisms. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22518.	1.4	10
21	The effects simultaneous inhibition of dipeptidyl peptidase-4 and P2X7 purinoceptors in an in vivo Parkinson's disease model. <i>Metabolic Brain Disease</i> , 2020, 35, 539-548.	1.4	13
22	Neuroprotective and anticonvulsant effects of sinomenine in kainate rat model of temporal lobe epilepsy: Involvement of oxidative stress, inflammation and pyroptosis. <i>Journal of Chemical Neuroanatomy</i> , 2020, 108, 101800.	1.0	38
23	The Association Between Circulating Klotho and Dipeptidyl Peptidase-4 Activity and Inflammatory Cytokines in Elderly Patients With Alzheimer Disease. <i>Basic and Clinical Neuroscience</i> , 2020, 11, 349-358.	0.3	8
24	Differential Effect of Amyloid Beta1-40 on Short-term and Long-term Plasticity in Dentate Gyrus of a Rat Model of Alzheimer Disease. <i>Basic and Clinical Neuroscience</i> , 2020, 11, 517-524.	0.3	1
25	Dalteparin as a Novel Therapeutic Agent to Prevent Diabetic Encephalopathy by Targeting Oxidative Stress and Inflammation. <i>Basic and Clinical Neuroscience</i> , 2020, 11, 795-804.	0.3	0
26	Dalteparin as a Novel Therapeutic Agent to Prevent Diabetic Encephalopathy by Targeting Oxidative Stress and Inflammation. <i>Basic and Clinical Neuroscience</i> , 2020, 11, 795-804.	0.3	4
27	Safranal, an active ingredient of saffron, attenuates cognitive deficits in amyloid $\beta$ -induced rat model of Alzheimer's disease: underlying mechanisms. <i>Metabolic Brain Disease</i> , 2019, 34, 1747-1759.	1.4	46
28	Troloxerutin exerts neuroprotection against lipopolysaccharide (LPS) induced oxidative stress and neuroinflammation through targeting SIRT1/SIRT3 signaling pathway. <i>Metabolic Brain Disease</i> , 2019, 34, 1505-1513.	1.4	21
29	Isorhamnetin exerts neuroprotective effects in STZ-induced diabetic rats via attenuation of oxidative stress, inflammation and apoptosis. <i>Journal of Chemical Neuroanatomy</i> , 2019, 102, 101709.	1.0	37
30	S-allyl cysteine protects against lipopolysaccharide-induced acute kidney injury in the C57BL/6 mouse strain: Involvement of oxidative stress and inflammation. <i>International Immunopharmacology</i> , 2019, 69, 19-26.	1.7	36
31	Klotho Ameliorates Cellular Inflammation via Suppression of Cytokine Release and Upregulation of miR-29a in the PBMCs of Diagnosed Alzheimer's Disease Patients. <i>Journal of Molecular Neuroscience</i> , 2019, 69, 157-165.	1.1	22
32	Diosgenin ameliorates testicular damage in streptozotocin-diabetic rats through attenuation of apoptosis, oxidative stress, and inflammation. <i>International Immunopharmacology</i> , 2019, 70, 37-46.	1.7	75
33	Trigonelline protects hippocampus against intracerebral $A\beta$ (1-40) as a model of Alzheimer's disease in the rat: insights into underlying mechanisms. <i>Metabolic Brain Disease</i> , 2019, 34, 191-201.	1.4	44
34	Berberine ameliorates lipopolysaccharide-induced learning and memory deficit in the rat: insights into underlying molecular mechanisms. <i>Metabolic Brain Disease</i> , 2019, 34, 245-255.	1.4	55
35	Naringenin ameliorates learning and memory impairment following systemic lipopolysaccharide challenge in the rat. <i>European Journal of Pharmacology</i> , 2018, 826, 114-122.	1.7	57
36	Scutellarin alleviates lipopolysaccharide-induced cognitive deficits in the rat: Insights into underlying mechanisms. <i>International Immunopharmacology</i> , 2018, 54, 311-319.	1.7	34

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37	Soy isoflavone genistein attenuates lipopolysaccharide-induced cognitive impairments in the rat via exerting anti-oxidative and anti-inflammatory effects. <i>Cytokine</i> , 2018, 104, 151-159.	1.4	70
38	S-allyl cysteine improves clinical and neuropathological features of experimental autoimmune encephalomyelitis in C57BL/6 mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 557-563.	2.5	17
39	Protective effect of sesamin in lipopolysaccharide-induced mouse model of acute kidney injury via attenuation of oxidative stress, inflammation, and apoptosis. <i>Immunopharmacology and Immunotoxicology</i> , 2018, 40, 423-429.	1.1	33
40	Hesperetin, a citrus flavonoid, attenuates testicular damage in diabetic rats via inhibition of oxidative stress, inflammation, and apoptosis. <i>Life Sciences</i> , 2018, 210, 132-139.	2.0	68
41	Trigonelline mitigates lipopolysaccharide-induced learning and memory impairment in the rat due to its anti-oxidative and anti-inflammatory effect. <i>International Immunopharmacology</i> , 2018, 61, 355-362.	1.7	44
42	Rutin, a quercetin glycoside, alleviates acute endotoxemic kidney injury in C57BL/6 mice via suppression of inflammation and up-regulation of antioxidants and SIRT1. <i>European Journal of Pharmacology</i> , 2018, 833, 307-313.	1.7	67
43	Berberine ameliorates intrahippocampal kainate-induced status epilepticus and consequent epileptogenic process in the rat: Underlying mechanisms. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 200-208.	2.5	40
44	Riluzole ameliorates learning and memory deficits in A $\beta$ 25-35-induced rat model of Alzheimer's disease and is independent of cholinergic activation. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 135-144.	2.5	41
45	Ellagic acid exerts protective effect in intrastriatal 6-hydroxydopamine rat model of Parkinson's disease: Possible involvement of ER $\alpha$ /Nrf2/HO-1 signaling. <i>Brain Research</i> , 2017, 1662, 23-30.	1.1	82
46	Sesamin imparts neuroprotection against intrastriatal 6-hydroxydopamine toxicity by inhibition of astroglial activation, apoptosis, and oxidative stress. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 754-761.	2.5	45
47	Acetyl-L-carnitine protects dopaminergic nigrostriatal pathway in 6-hydroxydopamine-induced model of Parkinson's disease in the rat. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 1-9.	2.5	33
48	Garlic active constituent s-allyl cysteine protects against lipopolysaccharide-induced cognitive deficits in the rat: Possible involved mechanisms. <i>European Journal of Pharmacology</i> , 2017, 795, 13-21.	1.7	53
49	Troloxerutin exerts neuroprotection in 6-hydroxydopamine lesion rat model of Parkinson's disease: Possible involvement of PI3K/ERK signaling. <i>European Journal of Pharmacology</i> , 2017, 801, 72-78.	1.7	39
50	Ellagic acid ameliorates learning and memory deficits in a rat model of Alzheimer's disease: an exploration of underlying mechanisms. <i>Psychopharmacology</i> , 2017, 234, 1841-1852.	1.5	61
51	Diosgenin ameliorates development of neuropathic pain in diabetic rats: Involvement of oxidative stress and inflammation. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 654-661.	2.5	61
52	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. <i>Experimental Gerontology</i> , 2017, 100, 70-76.	1.2	41
53	S-allyl cysteine ameliorates cognitive deficits in streptozotocin-diabetic rats via suppression of oxidative stress, inflammation, and acetylcholinesterase. <i>European Journal of Pharmacology</i> , 2017, 794, 69-76.	1.7	75
54	Carnosine ameliorates cognitive deficits in streptozotocin-induced diabetic rats: Possible involved mechanisms. <i>Peptides</i> , 2016, 86, 102-111.	1.2	53

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55	Pelargonidin improves memory deficit in amyloid $\beta$ 25-35 rat model of Alzheimer's disease by inhibition of glial activation, cholinesterase, and oxidative stress. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 85-91.	2.5	61
56	Protective Effect of Oral Hesperetin Against Unilateral Striatal 6-Hydroxydopamine Damage in the Rat. <i>Neurochemical Research</i> , 2016, 41, 1065-1072.	1.6	51
57	Hypericum Perforatum Hydroalcoholic Extract Mitigates Motor Dysfunction and is Neuroprotective in Intrastratial 6-Hydroxydopamine Rat Model of Parkinson's Disease. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 521-530.	1.7	38
58	Pelargonidin Improves Passive Avoidance Task Performance in a Rat Amyloid Beta25-35 Model of Alzheimer's Disease Via Estrogen Receptor Independent Pathways. <i>Acta Medica Iranica</i> , 2016, 54, 245-50.	0.8	10
59	Diosgenin Mitigates Streptozotocin Diabetes-induced Vascular Dysfunction of the Rat Aorta. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 584-592.	0.8	37
60	Naringenin improves learning and memory in an Alzheimer's disease rat model: Insights into the underlying mechanisms. <i>European Journal of Pharmacology</i> , 2015, 764, 195-201.	1.7	133
61	Antidiabetic potential of salvianolic acid B in multiple low-dose streptozotocin-induced diabetes. <i>Pharmaceutical Biology</i> , 2015, 53, 1803-1809.	1.3	46
62	Carnosine Exerts Neuroprotective Effect Against 6-Hydroxydopamine Toxicity in Hemiparkinsonian Rat. <i>Molecular Neurobiology</i> , 2015, 51, 1064-1070.	1.9	44
63	Berberine Ameliorate Oxidative Stress and Astroglialosis in the Hippocampus of STZ-Induced Diabetic Rats. <i>Molecular Neurobiology</i> , 2014, 49, 820-826.	1.9	103
64	Chronic Administration of Daidzein, a Soybean Isoflavone, Improves Endothelial Dysfunction and Attenuates Oxidative Stress in Streptozotocin-induced Diabetic Rats. <i>Phytotherapy Research</i> , 2013, 27, 112-117.	2.8	34
65	Berberine chloride improved synaptic plasticity in STZ induced diabetic rats. <i>Metabolic Brain Disease</i> , 2013, 28, 421-428.	1.4	30
66	Involvement of High-Conductance Calcium-Dependent Potassium Channels in Short-Term Presynaptic Plasticity in the Rat Dentate Gyrus. <i>Neurophysiology</i> , 2013, 45, 1-5.	0.2	1
67	Thymoquinone Attenuates Astroglialosis, Neurodegeneration, Mossy Fiber Sprouting, and Oxidative Stress in a Model of Temporal Lobe Epilepsy. <i>Journal of Molecular Neuroscience</i> , 2013, 51, 679-686.	1.1	42
68	The sesame lignan sesamin attenuates vascular dysfunction in streptozotocin diabetic rats: Involvement of nitric oxide and oxidative stress. <i>European Journal of Pharmacology</i> , 2013, 698, 316-321.	1.7	28
69	Coenzyme Q10 Ameliorates Neurodegeneration, Mossy Fiber Sprouting, and Oxidative Stress in Intrahippocampal Kainate Model of Temporal Lobe Epilepsy in Rat. <i>Journal of Molecular Neuroscience</i> , 2013, 49, 194-201.	1.1	36
70	Hippocampal synaptic plasticity restoration and anti-apoptotic effect underlie berberine improvement of learning and memory in streptozotocin-diabetic rats. <i>European Journal of Pharmacology</i> , 2013, 698, 259-266.	1.7	65
71	Antiepileptogenic effect of curcumin on kainate-induced model of temporal lobe epilepsy. <i>Pharmaceutical Biology</i> , 2013, 51, 1572-1578.	1.3	58
72	Endothelium-dependent Effect of Sesame Seed Feeding on Vascular Reactivity of Streptozotocin-diabetic Rats: Underlying Mechanisms. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 377-85.	0.3	4

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73	Chronic Cyanidin-3- $\beta$ -glucoside Administration Improves Short-term Spatial Recognition Memory but not Passive Avoidance Learning and Memory in Streptozotocin-diabetic Rats. <i>Phytotherapy Research</i> , 2012, 26, 1205-1210.	2.8	39
74	Netrin-1 improves spatial memory and synaptic plasticity impairment following global ischemia in the rat. <i>Brain Research</i> , 2012, 1452, 185-194.	1.1	31
75	Chronic Oral Epigallocatechin-gallate Alleviates Streptozotocin-induced Diabetic Neuropathic Hyperalgesia in Rat: Involvement of Oxidative Stress. <i>Iranian Journal of Pharmaceutical Research</i> , 2012, 11, 1243-53.	0.3	26
76	Vascular mechanisms of cyanidin-3-glucoside response in streptozotocin-diabetic rats. <i>Pathophysiology</i> , 2011, 18, 273-278.	1.0	45
77	Chronic epigallocatechin-3-gallate ameliorates learning and memory deficits in diabetic rats via modulation of nitric oxide and oxidative stress. <i>Behavioural Brain Research</i> , 2011, 224, 305-310.	1.2	78
78	The Sesame Lignan Sesamin Attenuates Vascular Permeability in Rats with Streptozotocin-Induced Diabetes: Involvement of Oxidative Stress. <i>International Journal of Endocrinology and Metabolism</i> , 2011, 9, 248-252.	0.3	6
79	The Role of Adrenergic and Angiotensinergic Systems in Vascular Effect of Alcoholic of Extract <i>Trigonella foenum-graecum</i> Seed in Diabetic Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2011, 10, 83-8.	0.3	3
80	Mechanisms underlying vascular effect of chronic resveratrol in streptozotocin-diabetic rats. <i>Phytotherapy Research</i> , 2010, 24, S148-54.	2.8	34
81	Chronic treatment of silymarin improves hyperalgesia and motor nerve conduction velocity in diabetic neuropathic rat. <i>Phytotherapy Research</i> , 2010, 24, 1120-1125.	2.8	21
82	Hypoglycemic and hypolipidemic effect and antioxidant activity of chronic epigallocatechin-gallate in streptozotocin-diabetic rats. <i>Pathophysiology</i> , 2010, 17, 55-59.	1.0	78
83	Neuroprotective effect of silymarin in 6-hydroxydopamine hemi-parkinsonian rat: Involvement of estrogen receptors and oxidative stress. <i>Neuroscience Letters</i> , 2010, 480, 206-210.	1.0	90
84	Oral pelargonidin exerts dose-dependent neuroprotection in 6-hydroxydopamine rat model of hemi-parkinsonism. <i>Brain Research Bulletin</i> , 2010, 82, 279-283.	1.4	72
85	Chronic oral pelargonidin alleviates streptozotocin-induced diabetic neuropathic hyperalgesia in rat: involvement of oxidative stress. <i>Iranian Biomedical Journal</i> , 2010, 14, 33-9.	0.4	24
86	Chronic epigallocatechin-gallate improves aortic reactivity of diabetic rats: Underlying mechanisms. <i>Vascular Pharmacology</i> , 2009, 51, 84-89.	1.0	64
87	Neuroprotective effect of genistein in 6-hydroxydopamine Hemi-parkinsonian rat model. <i>Phytotherapy Research</i> , 2009, 23, 132-135.	2.8	65
88	Chronic administration of genistein improves aortic reactivity of streptozotocin-diabetic rats: Mode of action. <i>Vascular Pharmacology</i> , 2008, 49, 1-5.	1.0	41
89	Garlic extract reduces serum angiotensin converting enzyme (ACE) activity in nondiabetic and streptozotocin-diabetic rats. <i>Pathophysiology</i> , 2007, 14, 109-112.	1.0	62
90	Dendritic spine changes in medial prefrontal cortex of male diabetic rats using Golgi-impregnation method. <i>Archives of Iranian Medicine</i> , 2007, 10, 54-8.	0.2	8

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91	Effect of Naringenin on Intracerebroventricular Streptozotocin-Induced Cognitive Deficits in Rat: A Behavioral Analysis. <i>Pharmacology</i> , 2006, 78, 193-197.	0.9	58
92	Antinociceptive effect of <i>Teucrium polium</i> leaf extract in the diabetic rat formalin test. <i>Journal of Ethnopharmacology</i> , 2005, 97, 207-210.	2.0	46
93	DOSE-DEPENDENT EFFECT OF CAPTOPRIL ON AORTIC REACTIVITY OF STREPTOZOTOCIN-DIABETIC RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2004, 31, 342-347.	0.9	2
94	Protective effect of enalapril on vascular reactivity of the rat aorta. <i>Vascular Pharmacology</i> , 2004, 40, 301-307.	1.0	15
95	Mechanisms underlying quercetin-induced vasorelaxation in aorta of subchronic diabetic rats: an in vitro study. <i>Vascular Pharmacology</i> , 2004, 42, 31-35.	1.0	28
96	Evaluation of functional asymmetry in rats with dose-dependent lesions of dopaminergic nigrostriatal system using elevated body swing test. <i>Physiology and Behavior</i> , 2004, 82, 369-373.	1.0	16
97	Endothelium-dependent and -independent effect of aqueous extract of garlic on vascular reactivity on diabetic rats. <i>FĀ-toterapĀ-Āç</i> , 2003, 74, 630-637.	1.1	33
98	Garlic extract attenuates time-dependent changes in the reactivity of isolated aorta in streptozotocin-diabetic rats. <i>Life Sciences</i> , 2003, 73, 2281-2289.	2.0	31
99	Beneficial effect of aqueous garlic extract on the vascular reactivity of streptozotocin-diabetic rats. <i>Journal of Ethnopharmacology</i> , 2003, 85, 139-144.	2.0	52
100	Efficacy of elevated body swing test in the early model of Parkinson's disease in rat. <i>Physiology and Behavior</i> , 2002, 76, 507-510.	1.0	34