

# Mohammad Khaksari Haddad

List of Publications by Year  
in descending order

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110  
papers

2,054  
citations

257450  
24  
h-index

315739  
38  
g-index

118  
all docs

118  
docs citations

118  
times ranked

2435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of sex steroid hormones on brain edema, intracranial pressure, and neurologic outcomes after traumatic brain injury. Canadian Journal of Physiology and Pharmacology, 2010, 88, 414-421.	1.4	104
2	Effects of opium addiction on some serum factors in addicts with non-insulin-dependent diabetes mellitus. Addiction Biology, 2004, 9, 53-58.	2.6	95
3	Estradiol Prevents Fat Accumulation and Overcomes Leptin Resistance in Female High-Fat Diet Mice. Endocrinology, 2014, 155, 4447-4460.	2.8	83
4	Time- and Dose-Dependent Neuroprotective Effects of Sex Steroid Hormones on Inflammatory Cytokines after a Traumatic Brain Injury. Journal of Neurotrauma, 2013, 30, 47-54.	3.4	82
5	Ellagic acid prevents cognitive and hippocampal long-term potentiation deficits and brain inflammation in rat with traumatic brain injury. Life Sciences, 2015, 124, 120-127.	4.3	77
6	The Effect of Saffron Consumption on Biochemical and Histopathological Heart Indices of Rats with Myocardial Infarction. Cardiovascular Toxicology, 2010, 10, 66-71.	2.7	76
7	Differences in brain edema and intracranial pressure following traumatic brain injury across the estrous cycle: Involvement of female sex steroid hormones. Brain Research, 2013, 1497, 61-72.	2.2	66
8	The role of estrogen and progesterone, administered alone and in combination, in modulating cytokine concentration following traumatic brain injury. Canadian Journal of Physiology and Pharmacology, 2011, 89, 31-40.	1.4	65
9	Effect of Melatonin on Intracranial Pressure and Brain Edema Following Traumatic Brain Injury: Role of Oxidative Stresses. Archives of Medical Research, 2013, 44, 251-258.	3.3	65
10	Contribution of estrogen receptors alpha and beta in the brain response to traumatic brain injury. Journal of Neurosurgery, 2013, 119, 353-361.	1.6	50
11	Is genistein neuroprotective in traumatic brain injury?. Physiology and Behavior, 2015, 152, 26-31.	2.1	50
12	Abdominal fat analyzed by DEXA scan reflects visceral body fat and improves the phenotype description and the assessment of metabolic risk in mice. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E635-E643.	3.5	41
13	Ginger extracts influence the expression of IL-27 and IL-33 in the central nervous system in experimental autoimmune encephalomyelitis and ameliorates the clinical symptoms of disease. Journal of Neuroimmunology, 2014, 276, 80-88.	2.3	40
14	The brain cytokine levels are modulated by estrogen following traumatic brain injury: Which estrogen receptor serves as modulator?. International Immunopharmacology, 2015, 28, 279-287.	3.8	40
15	Effects of Female Sex Steroids Administration on Pathophysiologic Mechanisms in Traumatic Brain Injury. Translational Stroke Research, 2018, 9, 393-416.	4.2	40
16	Effects of treatment with estrogen and progesterone on the methamphetamine-induced cognitive impairment in ovariectomized rats. Neuroscience Letters, 2016, 619, 60-67.	2.1	39
17	Effect of estrogen and/or progesterone administration on traumatic brain injury-caused brain edema: the changes of aquaporin-4 and interleukin-6. Journal of Physiology and Biochemistry, 2016, 72, 33-44.	3.0	38
18	The compensatory effect of regular exercise on long-term memory impairment in sleep deprived female rats. Behavioural Processes, 2015, 119, 50-57.	1.1	35

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19	Estrogen provides neuroprotection against brain edema and blood brain barrier disruption through both estrogen receptors $\text{ER}\alpha$ and $\text{ER}\beta$ following traumatic brain injury. Iranian Journal of Basic Medical Sciences, 2015, 18, 138-44.	1.0	35
20	Cardioprotective and anti-inflammatory effects of G-protein coupled receptor 30 (GPR30) on postmenopausal type 2 diabetic rats. Biomedicine and Pharmacotherapy, 2018, 108, 153-164.	5.6	33
21	What are the progesterone-induced changes of the outcome and the serum markers of injury, oxidant activity and inflammation in diffuse axonal injury patients?. International Immunopharmacology, 2016, 32, 103-110.	3.8	31
22	The effect of female sexual hormones on the intestinal and serum cytokine response after traumatic brain injury: different roles for estrogen receptor subtypes. Canadian Journal of Physiology and Pharmacology, 2013, 91, 700-707.	1.4	30
23	Multipotential and systemic effects of traumatic brain injury. Journal of Neuroimmunology, 2021, 357, 577619.	2.3	30
24	Trehalose attenuates spinal cord injury through the regulation of oxidative stress, inflammation and GFAP expression in rats. Journal of Spinal Cord Medicine, 2019, 42, 387-394.	1.4	29
25	Changes in the gene expression of estrogen receptors involved in the protective effect of estrogen in rat's traumatic brain injury. Brain Research, 2015, 1618, 1-8.	2.2	27
26	Neuroprotective antioxidant effect of sex steroid hormones in traumatic brain injury. Pakistan Journal of Pharmaceutical Sciences, 2012, 25, 219-25.	0.2	27
27	Estrogen attenuates physical and psychological stress-induced cognitive impairments in ovariectomized rats. Brain and Behavior, 2021, 11, e02139.	2.2	25
28	The Effects of Shilajit on Brain Edema, Intracranial Pressure and Neurologic Outcomes following the Traumatic Brain Injury in Rat. Iranian Journal of Basic Medical Sciences, 2013, 16, 858-64.	1.0	24
29	Opium can differently alter blood glucose, sodium and potassium in male and female rats. Pakistan Journal of Pharmaceutical Sciences, 2008, 21, 180-4.	0.2	24
30	Can Mesenchymal Stem Cells Act Multipotential in Traumatic Brain Injury?. Journal of Molecular Neuroscience, 2020, 70, 677-688.	2.3	21
31	The effect of peripheral administration of growth hormone on AD-like cognitive deficiency in NBM-lesioned rats. Neuroscience Letters, 2009, 466, 47-51.	2.1	17
32	The Changes of Brain Edema and Neurological Outcome, and the Probable Mechanisms in Diffuse Traumatic Brain Injury Induced in Rats with the History of Exercise. Cellular and Molecular Neurobiology, 2020, 40, 555-567.	3.3	16
33	Ageing is associated with loss of beneficial effects of estrogen on leptin responsiveness in mice fed high fat diet: Role of estrogen receptor $\text{ER}\alpha$ and cytokines. Mechanisms of Ageing and Development, 2020, 186, 111198.	4.6	16
34	The protective effects of 17- $\beta$ estradiol and SIRT1 against cardiac hypertrophy: a review. Heart Failure Reviews, 2022, 27, 725-738.	3.9	16
35	Ulcer healing activity of Mumijo aqueous extract against acetic acid induced gastric ulcer in rats. Journal of Pharmacy and Bioallied Sciences, 2015, 7, 56.	0.6	15
36	Does progesterone improve outcome in diffuse axonal injury?. Brain Injury, 2017, 31, 16-23.	1.2	15

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37	The effects of alone and combination tamoxifen, raloxifene and estrogen on lipid profile and atherogenic index of ovariectomized type 2 diabetic rats. <i>Life Sciences</i> , 2020, 263, 118573.	4.3	15
38	Sex dependent alterations of resveratrol on social behaviors and nociceptive reactivity in VPA-induced autistic-like model in rats. <i>Neurotoxicology and Teratology</i> , 2020, 81, 106905.	2.4	15
39	E2-BSA and G1 exert neuroprotective effects and improve behavioral abnormalities following traumatic brain injury: The role of classic and non-classic estrogen receptors. <i>Brain Research</i> , 2021, 1750, 147168.	2.2	15
40	Renoprotective effects of estrogen on acute kidney injury: the role of SIRT1. <i>International Urology and Nephrology</i> , 2021, 53, 2299-2310.	1.4	15
41	Evolution of TLR4 role in mediating the hepatoprotective effects of estradiol after traumatic brain injury in male rats. <i>Biochemical Pharmacology</i> , 2020, 178, 114044.	4.4	15
42	Chronic Opium Treatment Can Differentially Induce Brain and Liver Cells Apoptosis in Diabetic and Non-diabetic Male and Female Rats. <i>Korean Journal of Physiology and Pharmacology</i> , 2011, 15, 327.	1.2	14
43	The anti-inflammatory properties of <i>Satureja khuzistanica</i> Jamzad essential oil attenuate the effects of traumatic brain injuries in rats. <i>Scientific Reports</i> , 2016, 6, 31866.	3.3	14
44	Does the administration of melatonin during post-traumatic brain injury affect cytokine levels?. <i>Inflammopharmacology</i> , 2018, 26, 1017-1023.	3.9	14
45	Therapeutic effects of tamoxifen on metabolic parameters and cytokines modulation in rat model of postmenopausal diabetic cardiovascular dysfunction: Role of classic estrogen receptors. <i>International Immunopharmacology</i> , 2018, 65, 190-198.	3.8	14
46	The Hepatoprotective mechanisms of 17 $\beta$ -estradiol after traumatic brain injury in male rats: Classical and non-classical estrogen receptors. <i>Ecotoxicology and Environmental Safety</i> , 2021, 213, 111987.	6.0	14
47	The effects of cyclooxygenase inhibitors on the brain inflammatory response following traumatic brain injury in rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2012, 15, 1102-5.	1.0	14
48	Improving SIRT1 by trehalose supplementation reduces oxidative stress, inflammation, and histopathological scores in the kidney of aged rats. <i>Journal of Food Biochemistry</i> , 2021, 45, e13931.	2.9	13
49	CD36 gene polymorphism rs1761667 (G > A) is associated with hypertension and coronary artery disease in an Iranian population. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 140.	1.7	12
50	The Effect of Candesartan Alone and Its Combination With Estrogen on Post-traumatic Brain Injury Outcomes in Female Rats. <i>Frontiers in Neuroscience</i> , 2019, 13, 1043.	2.8	12
51	Acidified nitrite improves wound healing in type 2 diabetic rats: Role of oxidative stress and inflammation. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 103, 20-28.	2.7	12
52	Activators of SIRT1 in the kidney and protective effects of SIRT1 during acute kidney injury (AKI) (effect) Tj ETQq0 Q 0 rgBT /Overlock 10	1.6	12
53	The Serum Changes of Neuron-Specific Enolase and Intercellular Adhesion Molecule-1 in Patients With Diffuse Axonal Injury Following Progesterone Administration: A Randomized Clinical Trial. <i>Archives of Trauma Research</i> , 2016, 5, e37005.	0.9	12
54	The prevalence of low physical activity in an urban population and its relationship with other cardiovascular risk factors: Findings of a community-based study (KERCADRS) in southeast of Iran. <i>ARYA Atherosclerosis</i> , 2016, 12, 212-219.	0.4	12

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55	Nifedipine potentiates antinociceptive effects of morphine in rats by decreasing hypothalamic pituitary adrenal axis activity. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 17-23.	2.9	11
56	Transient brain hypothermia reduces the reperfusion injury of delayed tissue plasminogen activator and extends its therapeutic time window in a focal embolic stroke model. <i>Brain Research Bulletin</i> , 2017, 134, 85-90.	3.0	11
57	Downregulation of IL-22 can be considered as a risk factor for onset of type 2 diabetes. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9254-9260.	2.6	11
58	Downregulation of Matrix Metalloproteinases 2 and 9 is Involved in the Protective Effect of Trehalose on Spinal Cord Injury. <i>International Journal of Molecular and Cellular Medicine</i> , 2018, 7, 8-16.	1.1	11
59	Possible involvement of female sex steroid hormones in intracellular signal transduction mediated by cytokines following traumatic brain injury. <i>Brain Research Bulletin</i> , 2022, 178, 108-119.	3.0	11
60	Does inhibition of angiotensin function cause neuroprotection in diffuse traumatic brain injury?. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 615-620.	1.0	10
61	Hematological Changes in Opium Addicted Diabetic Rats. <i>International Journal of High Risk Behaviors &amp; Addiction</i> , 2013, 1, 141-8.	0.2	9
62	Characterization of the CA1 pyramidal neurons in rat model of hepatic cirrhosis: insights into their electrophysiological properties. <i>Metabolic Brain Disease</i> , 2017, 32, 881-889.	2.9	9
63	Using the NGF/IL-6 ratio as a reliable criterion to show the beneficial effects of progesterone after experimental diffuse brain injury. <i>Heliyon</i> , 2020, 6, e03844.	3.2	9
64	Role of melatonin receptors in the effect of estrogen on brain edema, intracranial pressure and expression of aquaporin 4 after traumatic brain injury. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 301-308.	1.0	9
65	Contribution of CB1Rs in anxiety-related behaviors but not locomotor deficits induced by methamphetamine. <i>Neuroscience Letters</i> , 2018, 665, 240-245.	2.1	8
66	What is the combined effect of intense intermittent exercise and Ginkgo biloba plant on the brain neurotrophic factors levels, and learning and memory in young rats?. <i>Pharmacological Reports</i> , 2019, 71, 503-508.	3.3	8
67	Trehalose protects against spinal cord injury through regulating heat shock proteins 27 and 70 and caspase-3 genes expression. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 31, .	1.3	8
68	Beneficial effects of tamoxifen on leptin sensitivity in young mice fed a high fat diet: Role of estrogen receptor $\text{ER}\alpha$ and cytokines. <i>Life Sciences</i> , 2020, 246, 117384.	4.3	8
69	Effect of orally administered propylthiouracil in pregnant and lactating rats on isolated aorta contractility of their adult male offspring. <i>Medical Science Monitor</i> , 2009, 15, BR123-7.	1.1	8
70	Effect of fruit extract on renal stone formation and kidney injury in rats. <i>Natural Product Research</i> , 2018, 32, 1180-1183.	1.8	7
71	Progesterone eliminates $17\beta$ -estradiol-Mediated cardioprotection against diabetic cardiovascular dysfunction in ovariectomized rats. <i>Biomedical Journal</i> , 2021, 44, 461-470.	3.1	7
72	Effect of chondroitinase ABC on inflammatory and oxidative response following spinal cord injury. <i>Iranian Journal of Basic Medical Sciences</i> , 2017, 20, 806-812.	1.0	7

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73	Comparison of the effects of different dietary regimens on susceptibility to experimental acute kidney injury: The roles of SIRT1 and TGF- $\beta$ 1. <i>Nutrition</i> , 2022, 96, 111588.	2.4	7
74	Substitution of calorie restriction for protective effects of estrogen on cardiometabolic risk factors and oxidative stress in obese postmenopausal rat model. <i>Life Sciences</i> , 2022, 294, 120367.	4.3	7
75	The brain neuropeptides and STAT3 mediate the inhibitory effect of 17- $\beta$ Estradiol on central leptin resistance in young but not aged female high-fat diet mice. <i>Metabolic Brain Disease</i> , 2022, 37, 625-637.	2.9	7
76	The effects of exercise on kidney injury: the role of SIRT1. <i>Molecular Biology Reports</i> , 2022, 49, 4025-4038.	2.3	7
77	Involvement of hypothalamic pituitary adrenal axis on the analgesic cross-tolerance between morphine and nifedipine. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 806-812.	2.9	6
78	Hepatoprotective effects of Shilajit on high fat-diet induced non-alcoholic fatty liver disease (NAFLD) in rats. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2020, 41, .	0.7	6
79	Acidified Nitrite Accelerates Wound Healing in Type 2 Diabetic Male Rats: A Histological and Stereological Evaluation. <i>Molecules</i> , 2021, 26, 1872.	3.8	6
80	Protective effects of an interaction between vagus nerve and melatonin on gastric ischemia/reperfusion: the role of oxidative stress. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 72-9.	1.0	6
81	Combination therapy with interferon-gamma as a potential therapeutic medicine in rat's glioblastoma: A multi-mechanism evaluation. <i>Life Sciences</i> , 2022, 305, 120744.	4.3	6
82	The Effects of Estrogen Receptors' Antagonist on Brain Edema, Intracranial Pressure and Neurological Outcomes after Traumatic Brain Injury in Rat. <i>Iranian Biomedical Journal</i> , 2015, 19, 165-71.	0.7	5
83	Effect of Bunium persicum aqueous extract plus endurance exercise on cardiorespiratory capacity and serum lipid profile. <i>Avicenna Journal of Phytomedicine</i> , 2014, 4, 118-26.	0.2	5
84	The Effect of Oral Mucosal Mesenchymal Stem Cells on Pathological and Long-Term Outcomes in Experimental Traumatic Brain Injury. <i>BioMed Research International</i> , 2022, 2022, 1-11.	1.9	5
85	The protective effect of prenatally administered vitamin E on behavioral alterations in an animal model of autism induced by valproic acid. <i>Toxin Reviews</i> , 2021, 40, 676-680.	3.4	4
86	Marijuana and $\beta$ -estradiol interactions on spatial learning and memory in young female rats: Lack of role of the G protein-coupled estrogen receptor (GPR30). <i>Life Sciences</i> , 2021, 280, 119723.	4.3	4
87	Traumatic brain injury has not prominent effects on cardiopulmonary indices of rat after 24 hours: hemodynamic, histopathology, and biochemical evidence. <i>Iranian Biomedical Journal</i> , 2014, 18, 225-31.	0.7	4
88	The effects of two different dietary regimens during exercise on outcome of experimental acute kidney injury. <i>Journal of Inflammation</i> , 2022, 19, 2.	3.4	4
89	Antilithiatic effect of aqueous and ethanolic extracts of cactus prickly pear in chemically induced urolithiasis in rats. <i>Toxin Reviews</i> , 2018, 37, 166-170.	3.4	3
90	The effects of cyclooxygenase inhibitors on the gastric emptying and small intestine transit in the male rats following traumatic brain injury. <i>Iranian Journal of Basic Medical Sciences</i> , 2014, 17, 406-10.	1.0	3

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91	Aqueous Date Fruit Efficiency as Preventing Traumatic Brain Deterioration and Improving Pathological Parameters after Traumatic Brain Injury in Male Rats. <i>Cell Journal</i> , 2016, 18, 416-24.	0.2	3
92	Effects of sex steroid hormones on neuromedin S and neuromedin U2 receptor expression following experimental traumatic brain injury. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 1080-1089.	1.0	3
93	Protective effects of combining SERMs with estrogen on metabolic parameters in postmenopausal diabetic cardiovascular dysfunction: The role of cytokines and angiotensin II. <i>Steroids</i> , 2022, 183, 109023.	1.8	3
94	Nicotine- $\alpha$ -conditioned place preference, reversal learning and social interaction in MK-801-induced schizophrenia model: Effects of post-weaning enriched environment. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2022, 49, 871-880.	1.9	3
95	The Effect of Acute Administration of Artemisia Persia Extracts on Arterial Blood Pressure and Heart Rate in Rats. <i>American Journal of Applied Sciences</i> , 2009, 6, 843-847.	0.2	2
96	Protective effect of Mumiju against acetic acid-induced ulcerative colitis in rats. <i>Avicenna Journal of Phytomedicine</i> , 2018, 8, 457-464.	0.2	2
97	Differences between male and female students in cardiovascular and endocrine responses to examination stress. <i>Journal of Ayub Medical College, Abbottabad: JAMC</i> , 2005, 17, 15-9.	0.1	2
98	Protective Roles of Shilajit in Modulating Resistin, Adiponectin, and Cytokines in Rats with Non-alcoholic Fatty Liver Disease. <i>Chinese Journal of Integrative Medicine</i> , 2022, 28, 531-537.	1.6	2
99	Selective estrogen receptor $\alpha$ and $\beta$ antagonist aggravate cardiovascular dysfunction in type 2 diabetic ovariectomized female rats. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2022, 43, 427-436.	0.7	2
100	The effects of female sexual steroids on gastric function and barrier resistance of gastrointestinal tract following traumatic brain injury. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2015, 7, 75.	0.6	1
101	Estrogen receptor agonists induce anti-edema effects by altering $\alpha$ and $\beta$ estrogen receptor gene expression. <i>Acta Neurobiologiae Experimentalis</i> , 2021, 81, 286-294.	0.7	1
102	Effect of Calcium Channel Blocker Nicardipine on Brain Edema in Rats. <i>International Journal of Pharmacology</i> , 2007, 3, 248-253.	0.3	1
103	Attenuation Effect of Cannabinoid Type 1 Receptor Activation on Methamphetamine-Induced Neurodegeneration and Locomotion Impairments among Male Rats. <i>Addiction and Health</i> , 2017, 9, 206-213.	0.2	1
104	Improved spatial memory, neurobehavioral outcomes, and neuroprotective effect after progesterone administration in ovariectomized rats with traumatic brain injury: Role of RU486 progesterone receptor antagonist. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 349-359.	1.0	1
105	Anti-edema effect of leaf extract following traumatic brain injury: Role of pro-inflammatory cytokines. <i>Avicenna Journal of Phytomedicine</i> , 2021, 11, 380-393.	0.2	1
106	W-7 (a calmodulin antagonist) inhibits carrageenan-induced paw edema in intact and adrenalectomized rats. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2007, 20, 195-9.	0.2	1
107	Implantation of fibre encapsulated RIN 1056a cells transfected with NPY cDNA into the lateral ventricle of rats alters body weight. <i>Regulatory Peptides</i> , 2005, 132, 80-84.	1.9	0
108	Can Soy Diet be Protective in Severe and Diffuse Traumatic Brain Injury?. <i>Journal of Neurology &amp; Neurophysiology</i> , 2014, 05, .	0.1	0

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109	The effect of angiotensin receptor type 2 inhibition and estrogen on experimental traumatic brain injury. , 2018, 7, 56.		0
110	Evaluation of the protective effect of curcumin on encephalopathy caused by intrahepatic and extrahepatic damage in male rats. Iranian Journal of Basic Medical Sciences, 2021, 24, 760-766.	1.0	0