

# Mehdi Ghasemi

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

3,058  
citations

212478

28  
h-index

214428

50  
g-index

109  
all docs

109  
docs citations

109  
times ranked

4748  
citing authors

#	ARTICLE	IF	CITATIONS
1	Left Ventricular Strain Rate for Intraoperative Evaluation of Cardiac Diastolic Function by Transesophageal Echocardiography: The Correlation Between Late Diastolic Peak Longitudinal Strain Rate and the Severity of Diastolic Dysfunction. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 178-183.	0.6	1
2	Long-term side effects and lingering symptoms post COVID-19 recovery. <i>Reviews in Medical Virology</i> , 2022, 32, e2289.	3.9	36
3	Analgesic and anti-inflammatory effects of modafinil in a mouse model of neuropathic pain: A role for nitrenergic and serotonergic pathways. <i>Neurological Research</i> , 2022, 44, 390-402.	0.6	2
4	Therapeutic Effects of Azithromycin on Spinal Cord Injury in Male Wistar Rats: A Role for Inflammatory Pathways. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2022, 83, 411-419.	0.4	3
5	Speech and language abnormalities in myotonic dystrophy: An overview. <i>Journal of Clinical Neuroscience</i> , 2022, 96, 212-220.	0.8	2
6	Lithium and Erectile Dysfunction: An Overview. <i>Cells</i> , 2022, 11, 171.	1.8	7
7	Outcome Measures in Facioscapulohumeral Muscular Dystrophy Clinical Trials. <i>Cells</i> , 2022, 11, 687.	1.8	9
8	Modafinil exerts anticonvulsive effects against lithium-pilocarpine-induced status epilepticus in rats: A role for tumor necrosis factor- $\alpha$ and nitric oxide signaling. <i>Epilepsy and Behavior</i> , 2022, 130, 108649.	0.9	4
9	Neurosyphilis presenting with focal middle cerebral artery stenosis and acute ischemic stroke: A case report. <i>Radiology Case Reports</i> , 2022, 17, 1620-1625.	0.2	5
10	Gene Therapy in Amyotrophic Lateral Sclerosis. <i>Cells</i> , 2022, 11, 2066.	1.8	21
11	SARS-CoV-2 and nervous system: From pathogenesis to clinical manifestation. <i>Journal of Neuroimmunology</i> , 2021, 350, 577436.	1.1	97
12	Sumatriptan reduces severity of status epilepticus induced by lithium-pilocarpine through nitrenergic transmission and $5\text{-HT}_{1B/D}$ receptors in rats: A pharmacological-based evidence. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 131-140.	1.0	20
13	Antibiotics with therapeutic effects on spinal cord injury: a review. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 277-304.	1.0	6
14	Sumatriptan improves the locomotor activity and neuropathic pain by modulating neuroinflammation in rat model of spinal cord injury. <i>Neurological Research</i> , 2021, 43, 29-39.	0.6	14
15	Glial Cell Dysfunction in C9orf72-Related Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. <i>Cells</i> , 2021, 10, 249.	1.8	16
16	Overview of stem cells therapy in amyotrophic lateral sclerosis. <i>Neurological Research</i> , 2021, 43, 616-632.	0.6	9
17	Beyond its anti-migraine properties, sumatriptan is an anti-inflammatory agent: A systematic review. <i>Drug Development Research</i> , 2021, 82, 896-906.	1.4	17
18	Effect of Lenalidomide on Pentylentetrazole-Induced Clonic Seizure Threshold in Mice: A Role for N-Methyl-D-Aspartic Acid Receptor/Nitric Oxide Pathway. <i>Journal of Epilepsy Research</i> , 2021, 11, 6-13.	0.1	5

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19	Involvement of N-Methyl-D-Aspartate Receptors in the Anticonvulsive Effects of Licofelone on Pentylentetrazole-Induced Clonic Seizure in Mice. <i>Journal of Epilepsy Research</i> , 2021, 11, 14-21.	0.1	3
20	SARS-CoV-2 and Acute Cerebrovascular Events: An Overview. <i>Journal of Clinical Medicine</i> , 2021, 10, 3349.	1.0	11
21	AMPA Receptor Surface Expression Is Regulated by S-Nitrosylation of Thorase and Transnitrosylation of NSF. <i>Cell Reports</i> , 2020, 33, 108329.	2.9	12
22	Anticonvulsant Effects of Thalidomide on Pentylentetrazole-Induced Seizure in Mice: A Role for Opioidergic and Nitrgic Transmissions. <i>Epilepsy Research</i> , 2020, 164, 106362.	0.8	6
23	Prevalence of a Multiple Territory Stroke Pattern After Intravenous Thrombolysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104700.	0.7	2
24	Myasthenia gravis and pregnancy. <i>World Journal of Obstetrics and Gynecology</i> , 2020, 9, 1-10.	0.5	2
25	Pathologic role of nitrgic neurotransmission in mood disorders. <i>Progress in Neurobiology</i> , 2019, 173, 54-87.	2.8	24
26	The impact of At1r inhibition via losartan on the anti-leukaemic effects of doxorubicin in acute myeloid leukaemia. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2019, 20, 147032031985131.	1.0	6
27	Nitric oxide: Antidepressant mechanisms and inflammation. <i>Advances in Pharmacology</i> , 2019, 86, 121-152.	1.2	29
28	Exploring diseases and syndromes in neurology case reports from 1955 to 2017 with text mining. <i>Computers in Biology and Medicine</i> , 2019, 109, 322-332.	3.9	17
29	Prescription patterns for routine EEG ordering in patients with intracranial hemorrhage admitted to a neurointensive care unit. <i>Journal of Critical Care</i> , 2019, 50, 262-268.	1.0	4
30	Nitric Oxide and Mitochondrial Function in Neurological Diseases. <i>Neuroscience</i> , 2018, 376, 48-71.	1.1	64
31	Genetics of Amyotrophic Lateral Sclerosis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a024125.	2.9	151
32	Delayed-onset MRI findings in acute chorea related to anoxic brain injury. <i>Clinical Imaging</i> , 2018, 48, 22-25.	0.8	4
33	Acute foot-shock stress decreased seizure susceptibility against pentylentetrazole-induced seizures in mice: Interaction between endogenous opioids and cannabinoids. <i>Epilepsy and Behavior</i> , 2018, 87, 25-31.	0.9	6
34	Isolated pseudoabducens palsy in acute thalamic stroke. <i>Clinical Imaging</i> , 2017, 43, 28-31.	0.8	11
35	Mechanisms of action and clinical efficacy of NMDA receptor modulators in mood disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 80, 555-572.	2.9	31
36	Involvement of NMDA receptors in the antidepressant-like effect of tramadol in the mouse forced swimming test. <i>Brain Research Bulletin</i> , 2017, 134, 136-141.	1.4	24

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37	Anticonvulsive Effects of Licofelone on Status Epilepticus Induced by Lithium-pilocarpine in Wistar Rats: a Role for Inducible Nitric Oxide Synthase. <i>Journal of Epilepsy Research</i> , 2016, 6, 51-58.	0.1	19
38	Involvement of ATP-sensitive potassium channels and the opioid system in the anticonvulsive effect of zolpidem in mice. <i>Epilepsy and Behavior</i> , 2016, 62, 291-296.	0.9	12
39	A role for ATP-sensitive potassium channels in the anticonvulsant effects of triamterene in mice. <i>Epilepsy Research</i> , 2016, 121, 8-13.	0.8	12
40	Pathologic role of neuronal nicotinic acetylcholine receptors in epileptic disorders: implication for pharmacological interventions. <i>Reviews in the Neurosciences</i> , 2015, 26, 199-223.	1.4	28
41	Citalopram as a good candidate for treatment of depression in patients with epilepsy. <i>Epilepsy and Behavior</i> , 2015, 44, 96-97.	0.9	2
42	Evidence for the involvement of NMDA receptors in the antidepressant-like effect of nicotine in mouse forced swimming and tail suspension tests. <i>Psychopharmacology</i> , 2015, 232, 3551-3561.	1.5	50
43	Emerging mechanisms of molecular pathology in ALS. <i>Journal of Clinical Investigation</i> , 2015, 125, 1767-1779.	3.9	244
44	P3-388: EVALUATION OF A MULTIDISCIPLINARY "BRAIN FITNESS PROGRAM" FOR TREATMENT OF COGNITIVE IMPAIRMENT WITH AGING: A PRELIMINARY STUDY. , 2014, 10, P771-P772.		0
45	Protein Microarray Characterization of the S-Nitrosoproteome. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 63-72.	2.5	56
46	Targeting NMDA Receptors in Epilepsy. , 2014, , 663-693.		2
47	Pathologic role of glial nitric oxide in adult and pediatric neuroinflammatory diseases. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 45, 168-182.	2.9	74
48	The role of NMDA receptors in the pathophysiology and treatment of mood disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 47, 336-358.	2.9	92
49	Effect of Biliary Cirrhosis on Neurogenic Relaxation of Rat Gastric Fundus and Anococcygeus Muscle: Role of Nitric Oxide Pathway. <i>Digestive Diseases and Sciences</i> , 2014, 59, 2675-2681.	1.1	2
50	Rapid antidepressant effects of repeated doses of ketamine compared with electroconvulsive therapy in hospitalized patients with major depressive disorder. <i>Psychiatry Research</i> , 2014, 215, 355-361.	1.7	115
51	Estradiol reduces depressive-like behavior through inhibiting nitric oxide/cyclic GMP pathway in ovariectomized mice. <i>Hormones and Behavior</i> , 2013, 63, 361-369.	1.0	48
52	Application of SHERPA to Identify and Prevent Human Errors in Control Units of Petrochemical Industry. <i>International Journal of Occupational Safety and Ergonomics</i> , 2013, 19, 203-209.	1.1	22
53	Protective effects of acute lithium preconditioning against renal ischemia/reperfusion injury in rat: Role of nitric oxide and cyclooxygenase systems. <i>European Journal of Pharmacology</i> , 2012, 681, 94-99.	1.7	22
54	Role of endogenous hydrogen sulfide in neurogenic relaxation of rat corpus cavernosum. <i>Biochemical Pharmacology</i> , 2012, 83, 1261-1268.	2.0	29

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55	Chronic Lithium Impairs Skin Tolerance to Ischemia in Random-Pattern Skin Flap of Rats. <i>Journal of Surgical Research</i> , 2011, 171, 374-378.	0.8	6
56	The role of 5-HT <sub>3</sub> receptors in the additive anticonvulsant effects of citalopram and morphine on pentylenetetrazole-induced clonic seizures in mice. <i>Epilepsy and Behavior</i> , 2011, 21, 122-127.	0.9	25
57	The NMDA receptor complex as a therapeutic target in epilepsy: a review. <i>Epilepsy and Behavior</i> , 2011, 22, 617-640.	0.9	161
58	The NMDA receptor/nitric oxide pathway: a target for the therapeutic and toxic effects of lithium. <i>Trends in Pharmacological Sciences</i> , 2011, 32, 420-434.	4.0	69
59	A role for opioid system in the proconvulsant effects of sildenafil on the pentylenetetrazole-induced clonic seizure in mice. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011, 20, 409-413.	0.9	23
60	Lithium decreased endothelium-mediated, but not nonadrenergic noncholinergic, relaxation of guinea pig corpus cavernosum in vitro: a role for nitrenergic system. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 191-199.	1.0	6
61	Additive anticonvulsant effects of agmatine and lithium chloride on pentylenetetrazole-induced clonic seizure in mice: Involvement of $\alpha$ -2-adrenoceptor. <i>European Journal of Pharmacology</i> , 2011, 666, 93-99.	1.7	18
62	Sonographic measurement of uterus and ovaries in premenarcheal healthy girls between 6 and 13 years old: Correlation with age and pubertal status. <i>Journal of Clinical Ultrasound</i> , 2011, 39, 64-73.	0.4	29
63	d-Serine modulates neurogenic relaxation in rat corpus cavernosum. <i>Biochemical Pharmacology</i> , 2010, 79, 1791-1796.	2.0	14
64	Involvement of nitric oxide-cGMP pathway in the anticonvulsant effects of lithium chloride on PTZ-induced seizure in mice. <i>Epilepsy Research</i> , 2010, 89, 295-302.	0.8	50
65	Inhibition of NMDA receptor/NO signaling blocked tolerance to the anticonvulsant effect of morphine on pentylenetetrazole-induced seizures in mice. <i>Epilepsy Research</i> , 2010, 91, 39-48.	0.8	34
66	Cholestasis induces apoptosis in mice cardiac cells: the possible role of nitric oxide and oxidative stress. <i>Liver International</i> , 2010, 30, 898-905.	1.9	25
67	Seizure susceptibility alteration through 5-HT <sub>3</sub> receptor: Modulation by nitric oxide. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2010, 19, 17-22.	0.9	45
68	ATP-sensitive potassium channels contribute to the time-dependent alteration in the pentylenetetrazole-induced seizure threshold in diabetic mice. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2010, 19, 53-58.	0.9	17
69	Voltage-dependent calcium channel and NMDA receptor antagonists augment anticonvulsant effects of lithium chloride on pentylenetetrazole-induced clonic seizures in mice. <i>Epilepsy and Behavior</i> , 2010, 18, 171-178.	0.9	36
70	Agmatine enhances the anticonvulsant effect of lithium chloride on pentylenetetrazole-induced seizures in mice: Involvement of L-arginine/nitric oxide pathway. <i>Epilepsy and Behavior</i> , 2010, 18, 186-192.	0.9	36
71	Administration of lithium and magnesium chloride inhibited tolerance to the anticonvulsant effect of morphine on pentylenetetrazole-induced seizures in mice. <i>Epilepsy and Behavior</i> , 2010, 19, 568-574.	0.9	12
72	NMDA receptor antagonists augment antidepressant-like effects of lithium in the mouse forced swimming test. <i>Journal of Psychopharmacology</i> , 2010, 24, 585-594.	2.0	69

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73	Study of morphine-induced dependence in gonadectomized male and female mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 91, 604-609.	1.3	16
74	NMDA receptor/nitrgergic system blockage augments antidepressant-like effects of paroxetine in the mouse forced swimming test. <i>Psychopharmacology</i> , 2009, 206, 325-333.	1.5	66
75	Tolerance to the anticonvulsant effect of morphine in mice: Blockage by ultra-low dose naltrexone. <i>Epilepsy Research</i> , 2009, 83, 261-264.	0.8	23
76	Involvement of nitrgergic system in the anticonvulsant effect of the cannabinoid CB1 agonist ACEA in the pentylenetetrazole-induced seizure in mice. <i>Epilepsy Research</i> , 2009, 84, 110-119.	0.8	41
77	A role for nitrgergic system in the antidepressant-like effects of chronic lithium treatment in the mouse forced swimming test. <i>Behavioural Brain Research</i> , 2009, 200, 76-82.	1.2	47
78	Inhibition by lithium of the nitrgergic relaxation of rat anococcygeus muscle. <i>Nitric Oxide - Biology and Chemistry</i> , 2009, 20, 31-38.	1.2	8
79	Effect of metal chelating agents on pentylenetetrazole-induced seizure threshold in cholestatic mice. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009, 18, 51-56.	0.9	6
80	Pharmacological preconditioning of random-pattern skin flaps with local FK506 in nicotine-treated rats: interaction with nitric oxide system. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009, 62, e643-e644.	0.5	5
81	Sildenafil decreased cardiac cell apoptosis in diabetic mice: reduction of oxidative stress as a possible mechanism. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 556-564.	0.7	28
82	Ethical considerations in animal studies. <i>Journal of Medical Ethics and History of Medicine</i> , 2009, 2, 12.	0.6	13
83	Nitric oxide modulates the antidepressant-like effect of acute lithium administration in the mouse forced swimming test. <i>Annals of General Psychiatry</i> , 2008, 7, .	1.2	1
84	The cannabinoid anticonvulsant effect on pentylenetetrazole-induced seizure is potentiated by ultra-low dose naltrexone in mice. <i>Epilepsy Research</i> , 2008, 81, 44-51.	0.8	35
85	Elevation of pentylenetetrazole-induced seizure threshold in cholestatic mice: Interaction between opioid and cannabinoid systems. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008, 23, e251-7.	1.4	16
86	Endogenous cannabinoids contribute to remote ischemic preconditioning via cannabinoid CB2 receptors in the rat heart. <i>European Journal of Pharmacology</i> , 2008, 579, 246-252.	1.7	86
87	The nonadrenergic noncholinergic-mediated relaxation of corpus cavernosum was impaired in chronic lithium-treated rats: Improvement with l-arginine. <i>European Journal of Pharmacology</i> , 2008, 586, 300-305.	1.7	15
88	Modulation by female sex hormones of the cannabinoid-induced catalepsy and analgesia in ovariectomized mice. <i>European Journal of Pharmacology</i> , 2008, 586, 189-196.	1.7	20
89	Mouth breathing increases the pentylenetetrazole-induced seizure threshold in mice: A role for ATP-sensitive potassium channels. <i>Epilepsy and Behavior</i> , 2008, 13, 284-289.	0.9	25
90	Nitric oxide involvement in the antidepressant-like effects of acute lithium administration in the mouse forced swimming test. <i>European Neuropsychopharmacology</i> , 2008, 18, 323-332.	0.3	91

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91	Orthodontic tooth movement in cholestatic and cirrhotic rats. <i>Journal of Orthodontics</i> , 2008, 35, 119-125.	0.4	5
92	Pharmacologic Preconditioning of Random-Pattern Skin Flap in Rats Using Local Cyclosporine and FK-506. <i>Annals of Plastic Surgery</i> , 2007, 59, 435-440.	0.5	17
93	Ultra-low dose cannabinoid antagonist AM251 enhances cannabinoid anticonvulsant effects in the pentylenetetrazole-induced seizure in mice. <i>Neuropharmacology</i> , 2007, 53, 763-770.	2.0	36
94	Effect of lithium on endothelium-dependent and neurogenic relaxation of rat corpus cavernosum: Role of nitric oxide pathway. <i>Nitric Oxide - Biology and Chemistry</i> , 2007, 16, 54-63.	1.2	24
95	Nitric oxide involvement in the effect of acute lithium administration on the nonadrenergic noncholinergic-mediated relaxation of rat gastric fundus. <i>Nitric Oxide - Biology and Chemistry</i> , 2007, 17, 152-159.	1.2	10
96	Nitric oxide involvement in estrous cycle-dependent changes of the behavioral responses of female rats in the elevated plus-maze test. <i>Behavioural Brain Research</i> , 2007, 178, 10-17.	1.2	19
97	Reduced susceptibility to epinephrine-induced arrhythmias in cirrhotic rats: The roles of nitric oxide and endogenous opioid peptides. <i>Journal of Hepatology</i> , 2007, 46, 432-439.	1.8	12
98	Time-dependent alteration in cromakalim-induced relaxation of corpus cavernosum from streptozocin-induced diabetic rats. <i>Life Sciences</i> , 2007, 81, 960-969.	2.0	7
99	Role of ATP-sensitive potassium channels in the biphasic effects of morphine on pentylenetetrazole-induced seizure threshold in mice. <i>Epilepsy Research</i> , 2007, 75, 63-69.	0.8	38
100	Role of the nitric oxide pathway and the endocannabinoid system in neurogenic relaxation of corpus cavernosum from biliary cirrhotic rats. <i>British Journal of Pharmacology</i> , 2007, 151, 591-601.	2.7	25
101	Effect of chronic lithium administration on endothelium-dependent relaxation of rat corpus cavernosum: the role of nitric oxide and cyclooxygenase pathways. <i>BJU International</i> , 2007, 99, 177-182.	1.3	27
102	Anandamide improves the impaired nitric oxide-mediated neurogenic relaxation of the corpus cavernosum in diabetic rats: involvement of cannabinoid CB <sub>1</sub> and vanilloid VR <sub>1</sub> receptors. <i>BJU International</i> , 2007, 100, 1385-1390.	1.3	15
103	Effect of anandamide on nonadrenergic noncholinergic-mediated relaxation of rat corpus cavernosum. <i>European Journal of Pharmacology</i> , 2006, 544, 138-145.	1.7	27
104	Pentoxifylline Improves Reoxygenation-induced Contractile Recovery Through a Nitric Oxide-dependent Mechanism in Rat Papillary Muscles. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 47, 571-577.	0.8	5
105	Application of SHERPA to Identify and Prevent Human Errors in Control Units of Petrochemical Industry. , 0, .		1
106	Effects of Celecoxib on Electroconvulsive Therapy-Induced Cognitive Impairment in Patients With Major Depressive Disorder: A Pilot, Double-Blind, Placebo-Controlled Trial. <i>Acta Medica Iranica</i> , 0, , .	0.8	0