

Reza Rahimian

List of Publications by Year in descending order

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77
papers

2,319
citations

172457

29
h-index

243625

44
g-index

78
all docs

78
docs citations

78
times ranked

3584
citing authors

#	ARTICLE	IF	CITATIONS
1	Medicinal Chemistry of Nicotinamide Phosphoribosyltransferase (NAMPT) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6279-6296.	6.4	121
2	The role of serotonin in memory: interactions with neurotransmitters and downstream signaling. <i>Experimental Brain Research</i> , 2014, 232, 723-738.	1.5	109
3	WIN55212-2 attenuates amyloid-beta-induced neuroinflammation in rats through activation of cannabinoid receptors and PPAR- β pathway. <i>Neuropharmacology</i> , 2012, 63, 653-666.	4.1	102
4	IL-10 Controls Early Microglial Phenotypes and Disease Onset in ALS Caused by Misfolded Superoxide Dismutase 1. <i>Journal of Neuroscience</i> , 2016, 36, 1031-1048.	3.6	83
5	Brain Response to Injuries: When Microglia Go Sexist. <i>Neuroscience</i> , 2019, 405, 14-23.	2.3	78
6	Diverging mRNA and Protein Networks in Activated Microglia Reveal SRSF3 Suppresses Translation of Highly Upregulated Innate Immune Transcripts. <i>Cell Reports</i> , 2017, 21, 3220-3233.	6.4	70
7	Galectin-3: mediator of microglia responses in injured brain. <i>Drug Discovery Today</i> , 2018, 23, 375-381.	6.4	67
8	5-HT ₃ Receptor Antagonists in Neurologic and Neuropsychiatric Disorders: The Iceberg Still Lies beneath the Surface. <i>Pharmacological Reviews</i> , 2019, 71, 383-412.	16.0	65
9	Morphine is protective against doxorubicin-induced cardiotoxicity in rat. <i>Toxicology</i> , 2008, 243, 96-104.	4.2	64
10	The NAMPT inhibitor FK866 reverts the damage in spinal cord injury. <i>Journal of Neuroinflammation</i> , 2012, 9, 66.	7.2	57
11	Tropisetron attenuates amyloid- β -induced inflammatory and apoptotic responses in rats. <i>European Journal of Clinical Investigation</i> , 2013, 43, 1039-1051.	3.4	55
12	Suppression of nitric oxide synthesis by L-NAME reverses the beneficial effects of pioglitazone on scopolamine-induced memory impairment in mice. <i>European Journal of Pharmacology</i> , 2011, 650, 240-248.	3.5	54
13	Tropisetron attenuates cisplatin-induced nephrotoxicity in mice. <i>European Journal of Pharmacology</i> , 2014, 738, 222-229.	3.5	53
14	The emerging tale of microglia in psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 1-29.	6.1	53
15	Virus-mediated delivery of antibody targeting TAR DNA-binding protein-43 mitigates associated neuropathology. <i>Journal of Clinical Investigation</i> , 2019, 129, 1581-1595.	8.2	52
16	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.	1.6	50
17	Identification of Novel Triazole-Based Nicotinamide Phosphoribosyltransferase (NAMPT) Inhibitors Endowed with Antiproliferative and Antiinflammatory Activity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1768-1792.	6.4	49
18	Granisetron ameliorates acetic acid-induced colitis in rats. <i>Human and Experimental Toxicology</i> , 2010, 29, 321-328.	2.2	48

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19	Estradiol reduces depressive-like behavior through inhibiting nitric oxide/cyclic GMP pathway in ovariectomized mice. <i>Hormones and Behavior</i> , 2013, 63, 361-369.	2.1	48
20	The role of different serotonin receptor subtypes in seizure susceptibility. <i>Experimental Brain Research</i> , 2014, 232, 347-367.	1.5	47
21	Impact of 5-HT ₃ receptor antagonists on peripheral and central diseases. <i>Drug Discovery Today</i> , 2012, 17, 741-747.	6.4	45
22	5-HT ₃ receptor mediates the dose-dependent effects of citalopram on pentylenetetrazole-induced clonic seizure in mice: Involvement of nitric oxide. <i>Epilepsy Research</i> , 2012, 101, 217-227.	1.6	39
23	Behavioral despair associated with a mouse model of Crohn's disease: Role of nitric oxide pathway. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 131-141.	4.8	39
24	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.	1.7	36
25	Tropisetron ameliorates ischemic brain injury in an embolic model of stroke. <i>Brain Research</i> , 2011, 1392, 101-109.	2.2	36
26	Withania somnifera Reverses Transactive Response DNA Binding Protein 43 Proteinopathy in a Mouse Model of Amyotrophic Lateral Sclerosis/Frontotemporal Lobar Degeneration. <i>Neurotherapeutics</i> , 2017, 14, 447-462.	4.4	35
27	Delayed Galectin-3-Mediated Reprogramming of Microglia After Stroke is Protective. <i>Molecular Neurobiology</i> , 2019, 56, 6371-6385.	4.0	35
28	Involvement of PPAR receptors in the anticonvulsant effects of a cannabinoid agonist, WIN 55,212-2. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 57, 140-145.	4.8	34
29	Adenosine A _{2A} receptors and uric acid mediate protective effects of inosine against TNBS-induced colitis in rats. <i>European Journal of Pharmacology</i> , 2010, 649, 376-381.	3.5	33
30	From Chemotherapy-Induced Emesis to Neuroprotection: Therapeutic Opportunities for 5-HT ₃ Receptor Antagonists. <i>Molecular Neurobiology</i> , 2015, 52, 1670-1679.	4.0	32
31	Protective Effect of Hydroalcoholic Olive Leaf Extract on Experimental Model of Colitis in Rat: Involvement of Nitergic and Opioidergic Systems. <i>Phytotherapy Research</i> , 2014, 28, 1367-1373.	5.8	30
32	Protective Effects of Lithium on Acetic Acid-Induced Colitis in Rats. <i>Digestive Diseases and Sciences</i> , 2009, 54, 1901-1907.	2.3	28
33	Antinociceptive and antidiarrheal effects of pioglitazone in a rat model of diarrhoeaâ€predominant irritable bowel syndrome: Role of nitric oxide. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2014, 41, 118-126.	1.9	28
34	Chronic lithium administration ameliorates 2,4,6-trinitrobenzene sulfonic acidâ€induced colitis in rats; potential role for adenosine triphosphate sensitive potassium channels. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011, 26, 1174-1181.	2.8	27
35	Microglial Inflammatory-Metabolic Pathways and Their Potential Therapeutic Implication in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 0, 13, .	2.6	27
36	Nitric oxide mediates the anticonvulsant effects of thalidomide on pentylenetetrazole-induced clonic seizures in mice. <i>Epilepsy and Behavior</i> , 2014, 34, 99-104.	1.7	26

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37	The role of 5-HT ₃ 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.	1.7	25
38	Role of nitric oxide in additive anticonvulsant effects of agmatine and morphine. <i>Physiology and Behavior</i> , 2013, 118, 52-57.	2.1	25
39	The role of alpha7 nicotinic acetylcholine receptors in inflammatory bowel disease: involvement of different cellular pathways. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 161-176.	3.4	24
40	Femoral vessels cross-clamping: The reliability of a method for sciatic nerve ischemia-reperfusion injury. <i>Microsurgery</i> , 2007, 27, 206-207.	1.3	23
41	Tropisetron upregulates cannabinoid CB1 receptors in cerebellar granule cells: Possible involvement of calcineurin. <i>Brain Research</i> , 2011, 1417, 1-8.	2.2	23
42	Microglia-derived galectin-3 in neuroinflammation; a bittersweet ligand?. <i>Medicinal Research Reviews</i> , 2021, 41, 2582-2589.	10.5	23
43	Involvement of PPAR γ in the protective action of tropisetron in an experimental model of ulcerative colitis. <i>Immunopharmacology and Immunotoxicology</i> , 2016, 38, 432-440.	2.4	20
44	Tropisetron suppresses colitis-associated cancer in a mouse model in the remission stage. <i>International Immunopharmacology</i> , 2016, 36, 9-16.	3.8	19
45	On the benefits of silymarin in murine colitis by improving balance of destructive cytokines and reduction of toxic stress in the bowel cells. <i>Open Life Sciences</i> , 2009, 4, 204-213.	1.4	18
46	Additive anticonvulsant effects of agmatine and lithium chloride on pentylenetetrazole-induced clonic seizure in mice: Involvement of α -adrenoceptor. <i>European Journal of Pharmacology</i> , 2011, 666, 93-99.	3.5	18
47	Therapeutic Potential of Cannabinoids in Counteracting Chemotherapy-induced Adverse Effects: An Exploratory Review. <i>Phytotherapy Research</i> , 2015, 29, 332-338.	5.8	18
48	Peroxisome Proliferator-Activated Receptor- α Inhibition Protects Against Doxorubicin-Induced Cardiotoxicity in Mice. <i>Cardiovascular Toxicology</i> , 2016, 16, 244-250.	2.7	18
49	Tricyclic antidepressants intoxication in Tehran, Iran: Epidemiology and associated factors. <i>Human and Experimental Toxicology</i> , 2011, 30, 283-288.	2.2	17
50	Lithium Protects Against Spinal Cord Injury in Rats: Role of Nitric Oxide. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2014, 75, 427-433.	0.8	15
51	Protective effects of lithium chloride on seizure susceptibility: Involvement of α -adrenoceptor. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 133, 37-42.	2.9	15
52	Involvement of central opioid receptors in protective effects of methadone on experimental colitis in rats. <i>Inflammopharmacology</i> , 2018, 26, 1399-1413.	3.9	15
53	Benefit of nicorandil using an immunologic murine model of experimental colitis. <i>Open Life Sciences</i> , 2009, 4, 74-85.	1.4	13
54	Effect of Pioglitazone on Sciatic Nerve Ischemia/Reperfusion Injury in Rats. <i>Pediatric Neurosurgery</i> , 2009, 45, 126-131.	0.7	12

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55	Effect of glatiramer acetate on short-term memory impairment induced by lipopolysaccharide in male mice. <i>Fundamental and Clinical Pharmacology</i> , 2016, 30, 347-356.	1.9	12
56	Tropisetron ameliorates cyclophosphamide-induced hemorrhagic cystitis in rats. <i>European Journal of Pharmacology</i> , 2020, 883, 173310.	3.5	12
57	Sildenafil attenuates TNBS-induced colitis in rats: possible involvement of cGMP and K ⁺ ATP channels. <i>Fundamental and Clinical Pharmacology</i> , 2012, 26, 190-193.	1.9	10
58	Protective effects of immunophilin ligands on testicular torsion/detorsion damage in rats. <i>International Urology and Nephrology</i> , 2009, 41, 93-99.	1.4	9
59	Oxytocin is involved in the proconvulsant effects of Sildenafil: Possible role of CREB. <i>Toxicology Letters</i> , 2016, 256, 44-52.	0.8	9
60	Enhancement of Cisplatin Nephrotoxicity by Morphine and Its Attenuation by the Opioid Antagonist Naltrexone. <i>Acta Medica Iranica</i> , 2016, 54, 422-9.	0.8	9
61	Lithium Improves Regeneration after Sciatic Nerve Traumatic Injury in Rat. <i>Journal of Reconstructive Microsurgery</i> , 2009, 25, 151-151.	1.8	8
62	Protective effects of tropisetron on cerulein-induced acute pancreatitis in mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 589-595.	5.6	8
63	Ser ³ Thr residues at $\pm 3/\pm 5$ loop of G α_s are important in morphine-induced adenylyl cyclase sensitization but not mitogen-activated protein kinase phosphorylation. <i>FEBS Journal</i> , 2012, 279, 650-660.	4.7	7
64	Ipsilateral common iliac artery plus femoral artery clamping for inducing sciatic nerve ischemia/reperfusion injury in rats: a reliable and simple method. <i>Journal of Brachial Plexus and Peripheral Nerve Injury</i> , 2014, 03, e132-e135.	1.0	7
65	Dinitrobenzene sulphonic acid-induced colitis impairs spatial recognition memory in mice: roles of N-methyl D-aspartate receptors and nitric oxide. <i>Psychopharmacology</i> , 2015, 232, 3081-3090.	3.1	7
66	Glucosamine-mediated immunomodulation after stroke is sexually dimorphic. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 3, 100041.	2.5	6
67	Targeting microglia-oligodendrocyte crosstalk in neurodegenerative and psychiatric disorders. <i>Drug Discovery Today</i> , 2022, 27, 2562-2573.	6.4	6
68	Oxytocinergic system mediates the proconvulsant effects of sildenafil: The role of calcineurin. <i>Hormones and Behavior</i> , 2020, 122, 104753.	2.1	5
69	Pros and cons of 5-HT ₃ receptor antagonists in neuropsychiatric diseases. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109301.	5.6	3
70	5-HT ₃ receptor antagonists: new promising therapeutic agents in diabetes and its complications. <i>Acta Medica Iranica</i> , 2013, 51, 736.	0.8	2
71	Lithium Does Not Protect Against Spinal Cord Ischemia-Reperfusion Injury in Rabbits. <i>Annals of Vascular Surgery</i> , 2010, 24, 299-300.	0.9	1
72	5-HT ₃ receptor antagonists in major depressive disorder: The untold tales of the underdogs. <i>Asian Journal of Psychiatry</i> , 2020, 52, 102099.	2.0	1

#	ARTICLE	IF	CITATIONS
73	How can 5-HT(3) receptor antagonists exert analgesic properties?. Acta Medica Iranica, 2012, 50, 225.	0.8	1
74	A Modified Model for Rat Sciatic Nerve Ischemia/Reperfusion Injury. Plastic and Reconstructive Surgery, 2009, 123, 42e-44e.	1.4	0
75	Research update for articles published in EJCI in 2009. European Journal of Clinical Investigation, 2011, 41, 1149-1163.	3.4	0
76	Mechanisms underlie the proconvulsant effects of sildenafil. Biomedicine and Pharmacotherapy, 2021, 134, 111142.	5.6	0
77	The NAMPT Inhibitor FK866 Reverts The Damage In Spinal Cord Injury. FASEB Journal, 2012, 26, 845.2.	0.5	0