

# Mahmoud M Iravani

## List of Publications by Year in descending order

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37  
papers

1,570  
citations

361296

20  
h-index

377752

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1744  
citing authors

#	ARTICLE	IF	CITATIONS
1	The selective 5-HT1A receptor agonist NLX-112 displays anxiolytic-like activity in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 149-157.	1.4	4
2	Dysregulation of epithelial ion transport and neurochemical changes in the colon of a parkinsonian primate. <i>Npj Parkinson's Disease</i> , 2021, 7, 9.	2.5	4
3	Contractile dysfunction and nitrergic dysregulation in small intestine of a primate model of Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2019, 5, 10.	2.5	13
4	Altered detrusor contractility in MPTP-treated common marmosets with bladder hyperreflexia. <i>PLoS ONE</i> , 2017, 12, e0175797.	1.1	12
5	Magnetic resonance imaging and tensor-based morphometry in the MPTP non-human primate model of Parkinson's disease. <i>PLoS ONE</i> , 2017, 12, e0180733.	1.1	9
6	The H3 receptor agonist immapip does not affect l-dopa-induced abnormal involuntary movements in 6-OHDA-lesioned rats. <i>European Journal of Pharmacology</i> , 2014, 741, 304-310.	1.7	8
7	Loss of locus coeruleus noradrenergic neurons alters the inflammatory response to LPS in substantia nigra but does not affect nigral cell loss. <i>Journal of Neural Transmission</i> , 2014, 121, 1493-1505.	1.4	14
8	Lipopolysaccharide-induced nigral inflammation leads to increased IL-1 $\beta$ tissue content and expression of astrocytic glial cell line-derived neurotrophic factor. <i>Neuroscience Letters</i> , 2012, 510, 138-142.	1.0	44
9	The effect of nNOS inhibitors on toxin-induced cell death in dopaminergic cell lines depends on the extent of enzyme expression. <i>Brain Research</i> , 2011, 1404, 21-30.	1.1	11
10	Mechanisms underlying the onset and expression of levodopa-induced dyskinesia and their pharmacological manipulation. <i>Journal of Neural Transmission</i> , 2011, 118, 1661-1690.	1.4	75
11	Morphological changes in serotonergic neurites in the striatum and globus pallidus in levodopa primed MPTP treated common marmosets with dyskinesia. <i>Neurobiology of Disease</i> , 2010, 40, 599-607.	2.1	65
12	An immunohistochemical and stereological analysis of PS1-induced nigral neuronal degeneration in the rat. <i>Journal of Neurochemistry</i> , 2009, 109, 52-59.	2.1	21
13	Proteasomal abnormalities in cortical Lewy body disease and the impact of proteasomal inhibition within cortical and cholinergic systems. <i>Journal of Neural Transmission</i> , 2008, 115, 869-878.	1.4	31
14	Continuous subcutaneous infusion of pramipexole protects against lipopolysaccharide-induced dopaminergic cell death without affecting the inflammatory response. <i>Experimental Neurology</i> , 2008, 212, 522-531.	2.0	32
15	MPTP treatment of common marmosets impairs proteasomal enzyme activity and decreases expression of structural and regulatory elements of the 26S proteasome. <i>European Journal of Neuroscience</i> , 2006, 23, 1766-1774.	1.2	32
16	Pramipexole protects against MPTP toxicity in non-human primates. <i>Journal of Neurochemistry</i> , 2006, 96, 1315-1321.	2.1	76
17	3-Nitrotyrosine-dependent dopaminergic neurotoxicity following direct nigral administration of a peroxynitrite but not a nitric oxide donor. <i>Brain Research</i> , 2006, 1067, 256-262.	1.1	17
18	In 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine-Treated Primates, the Selective 5-Hydroxytryptamine 1a Agonist (R)-(+)-8-OHDPAT Inhibits Levodopa-Induced Dyskinesia but Only with Increased Motor Disability. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1225-1234.	1.3	111

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19	A modified MPTP treatment regime produces reproducible partial nigrostriatal lesions in common marmosets. <i>European Journal of Neuroscience</i> , 2005, 21, 841-854.	1.2	61
20	The acute and the long-term effects of nigral lipopolysaccharide administration on dopaminergic dysfunction and glial cell activation. <i>European Journal of Neuroscience</i> , 2005, 22, 317-330.	1.2	114
21	Unilateral pallidotomy in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated common marmosets exhibiting levodopa-induced dyskinesia. <i>European Journal of Neuroscience</i> , 2005, 22, 1305-1318.	1.2	12
22	Sonic hedgehog delivered by an adeno-associated virus protects dopaminergic neurones against 6-OHDA toxicity in the rat. <i>Journal of Neural Transmission</i> , 2005, 112, 763-778.	1.4	25
23	Age-associated changes in protein oxidation and proteasome activities in rat brain: Modulation by antioxidants. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 386-391.	1.0	82
24	Role of inducible nitric oxide synthase in N-methyl-d-aspartic acid-induced strio-nigral degeneration. <i>Brain Research</i> , 2004, 1029, 103-113.	1.1	15
25	3,4-Methylenedioxymethamphetamine (Ecstasy) Inhibits Dyskinesia Expression and Normalizes Motor Activity in 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine-Treated Primates. <i>Journal of Neuroscience</i> , 2003, 23, 9107-9115.	1.7	100
26	Involvement of inducible nitric oxide synthase in inflammation-induced dopaminergic neurodegeneration. <i>Neuroscience</i> , 2002, 110, 49-58.	1.1	234
27	Behavioural and immunohistochemical changes following supranigral administration of sonic hedgehog in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated common marmosets. <i>Neuroscience</i> , 2002, 114, 99-109.	1.1	47
28	GDNF reverses priming for dyskinesia in MPTP-treated, l-DOPA-primed common marmosets. <i>European Journal of Neuroscience</i> , 2001, 13, 597-608.	1.2	56
29	Glial cell line-derived neurotrophic factor concentration dependently improves disability and motor activity in MPTP-treated common marmosets. <i>European Journal of Pharmacology</i> , 2001, 412, 45-50.	1.7	47
30	Direct effects of 3,4-methylenedioxymethamphetamine (MDMA) on serotonin or dopamine release and uptake in the caudate putamen, nucleus accumbens, substantia nigra pars reticulata, and the dorsal raphe nucleus slices. , 2000, 36, 275-285.		45
31	MK-801 interaction with the 5-HT transporter: a real-time study in brain slices using fast cyclic voltammetry. , 1999, 32, 212-224.		20
32	Differential Release of Dopamine by Nitric Oxide in Subregions of Rat Caudate Putamen Slices. <i>Journal of Neurochemistry</i> , 1998, 71, 1969-1977.	2.1	45
33	The presence and the effects of neuropeptide Y in rat anococcygeus muscle. <i>European Journal of Pharmacology</i> , 1997, 338, 75-82.	1.7	2
34	Real-time measurement of stimulated 5-hydroxytryptamine release in rat substantia nigra pars reticulata brain slices. , 1997, 25, 93-102.		26
35	Comparison of somatodendritic and axon terminal dopamine release in the ventral tegmental area and the nucleus accumbens. <i>Neuroscience</i> , 1996, 70, 1025-1037.	1.1	43
36	The role of ventral tegmental dopamine neurons in locomotor sensitization following quinpirole or (+)-amphetamine: ex vivo voltammetric evidence. <i>Neuroscience</i> , 1996, 75, 1175-1184.	1.1	10

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37	Differential effects of nifedipine on nerve-mediated and noradrenaline-evoked contractions of rat anococcygeus muscle. <i>European Journal of Pharmacology</i> , 1993, 250, 193-195.	1.7	7