

# Nirmal Singh

## List of Publications by Year in descending order

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159  
papers

5,908  
citations

70961

41  
h-index

98622

67  
g-index

159  
all docs

159  
docs citations

159  
times ranked

7818  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Chemical-Induced Inflammatory Bowel Disease Models in Rodents. Korean Journal of Physiology and Pharmacology, 2014, 18, 279.	0.6	334
2	Animal models of neuropathic pain. Fundamental and Clinical Pharmacology, 2011, 25, 1-28.	1.0	283
3	Mechanisms in cancer-chemotherapeutic drugs-induced peripheral neuropathy. Toxicology, 2012, 291, 1-9.	2.0	283
4	Animal models of acute renal failure. Pharmacological Reports, 2012, 64, 31-44.	1.5	196
5	Pregabalin in Neuropathic Pain: Evidences and Possible Mechanisms. Current Neuropharmacology, 2014, 12, 44-56.	1.4	131
6	Role of different brain areas in peripheral nerve injury-induced neuropathic pain. Brain Research, 2011, 1381, 187-201.	1.1	122
7	Homocysteine excess: delineating the possible mechanism of neurotoxicity and depression. Fundamental and Clinical Pharmacology, 2015, 29, 522-528.	1.0	107
8	Amniotic fluid derived stem cells ameliorate focal cerebral ischaemia-reperfusion injury induced behavioural deficits in mice. Behavioural Brain Research, 2007, 183, 95-100.	1.2	103
9	Poly(ADP-ribose) polymerase-1 (PARP-1) and its therapeutic implications. Vascular Pharmacology, 2010, 53, 77-87.	1.0	103
10	Ameliorative effects of amiloride and pralidoxime in chronic constriction injury and vincristine induced painful neuropathy in rats. European Journal of Pharmacology, 2008, 587, 104-111.	1.7	102
11	A review on animal models for screening potential anti-stress agents. Neurological Sciences, 2011, 32, 993-1005.	0.9	102
12	Attenuating effect of lisinopril and telmisartan in intracerebroventricular streptozotocin induced experimental dementia of Alzheimer's disease type: possible involvement of PPAR- $\delta$ agonistic property. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2013, 14, 124-136.	1.0	87
13	Attenuation of vascular dementia by sodium butyrate in streptozotocin diabetic rats. Psychopharmacology, 2011, 215, 677-687.	1.5	79
14	Attenuation of neuropathic pain by sodium butyrate in an experimental model of chronic constriction injury in rats. Journal of the Formosan Medical Association, 2014, 113, 921-928.	0.8	76
15	Protective effect of Acorus calamus L. in rat model of vincristine induced painful neuropathy: An evidence of anti-inflammatory and anti-oxidative activity. Food and Chemical Toxicology, 2011, 49, 2557-2563.	1.8	74
16	Attenuating effect of Acorus calamus extract in chronic constriction injury induced neuropathic pain in rats: an evidence of anti-oxidative, anti-inflammatory, neuroprotective and calcium inhibitory effects. BMC Complementary and Alternative Medicine, 2011, 11, 24.	3.7	73
17	Retinoids as potential targets for Alzheimer's disease. Pharmacology Biochemistry and Behavior, 2014, 120, 117-123.	1.3	73
18	Animal models of dementia and cognitive dysfunction. Life Sciences, 2014, 109, 73-86.	2.0	73

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19	Role of phosphoinositide 3-kinase in ischemic postconditioning-induced attenuation of cerebral ischemia-evoked behavioral deficits in mice. <i>Pharmacological Reports</i> , 2007, 59, 192-8.	1.5	73
20	Modulation of celecoxib- and streptozotocin-induced experimental dementia of Alzheimer's disease by pitavastatin and donepezil. <i>Journal of Psychopharmacology</i> , 2008, 22, 162-171.	2.0	72
21	Ameliorative effects of <i>Ocimum sanctum</i> in sciatic nerve transection-induced neuropathy in rats. <i>Journal of Ethnopharmacology</i> , 2008, 120, 56-62.	2.0	72
22	Mast cells: an expanding pathophysiological role from allergy to other disorders. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 657-670.	1.4	69
23	Exploring the ameliorative potential of <i>Punica granatum</i> in dextran sulfate sodium induced ulcerative colitis in mice. <i>Phytotherapy Research</i> , 2009, 23, 1565-1574.	2.8	68
24	Ameliorative role of Atorvastatin and Pitavastatin in L-Methionine induced vascular dementia in rats. <i>BMC Pharmacology</i> , 2008, 8, 14.	0.4	66
25	Ameliorative potential of rosiglitazone in tibial and sural nerve transection-induced painful neuropathy in rats. <i>Pharmacological Research</i> , 2009, 59, 385-392.	3.1	64
26	Reversal of Memory Deficits by Atorvastatin and Simvastatin in Rats. <i>Yakugaku Zasshi</i> , 2007, 127, 1125-1137.	0.0	61
27	Exploring the potential effect of <i>Ocimum sanctum</i> in vincristine-induced neuropathic pain in rats. <i>Journal of Brachial Plexus and Peripheral Nerve Injury</i> , 2014, 05, e3-e11.	1.0	58
28	Extending pharmacological spectrum of opioids beyond analgesia: Multifunctional aspects in different pathophysiological states. <i>Neuropeptides</i> , 2011, 45, 175-188.	0.9	57
29	Pitavastatin and 4-Hydroxy-3-Methoxyacetophenone (HMAP) Reduce Cognitive Dysfunction in Vascular Dementia During Experimental Diabetes. <i>Current Neurovascular Research</i> , 2010, 7, 180-191.	0.4	56
30	Therapeutic Targets for the Management of Peripheral Nerve Injury- Induced Neuropathic Pain. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011, 10, 589-609.	0.8	56
31	All-trans retinoic acid rescues memory deficits and neuropathological changes in mouse model of streptozotocin-induced dementia of Alzheimer's type. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 38-46.	2.5	54
32	Inhibitor of Phosphodiesterase-4 improves memory deficits, oxidative stress, neuroinflammation and neuropathological alterations in mouse models of dementia of Alzheimer's Type. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 698-707.	2.5	50
33	Signal mechanism activated by erythropoietin preconditioning and remote renal preconditioning-induced cardioprotection. <i>Molecular and Cellular Biochemistry</i> , 2008, 315, 195-201.	1.4	48
34	Possible Role of Opioids and KATP Channels in Neuroprotective Effect of Postconditioning in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1755-1760.	0.6	48
35	Silymarin and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 929, 25-44.	0.8	48
36	Remote renal preconditioning-induced cardioprotection: a key role of hypoxia inducible factor-prolyl 4-hydroxylases. <i>Molecular and Cellular Biochemistry</i> , 2008, 312, 25-31.	1.4	47

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37	Tramadol-induced seizurogenic effect: a possible role of opioid-dependent histamine (H1) receptor activation-linked mechanism. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010, 381, 11-19.	1.4	47
38	Molecular aspects of ischaemic postconditioning. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 521-536.	1.0	45
39	Adaptogenic potential of curcumin in experimental chronic stress and chronic unpredictable stress-induced memory deficits and alterations in functional homeostasis. <i>Journal of Natural Medicines</i> , 2011, 65, 532-543.	1.1	45
40	Neuroprotective effect of saponin rich extract of <i>Acorus calamus</i> L. in rat model of chronic constriction injury (CCI) of sciatic nerve-induced neuropathic pain. <i>Journal of Ethnopharmacology</i> , 2012, 142, 723-731.	2.0	44
41	Involvement of PPAR-gamma in curcumin-mediated beneficial effects in experimental dementia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010, 381, 529-539.	1.4	42
42	Differential effect of spironolactone in chronic constriction injury and vincristine-induced neuropathic pain in rats. <i>European Journal of Pharmacology</i> , 2010, 648, 102-109.	1.7	42
43	Behavioral and biochemical investigations to explore pharmacological potential of PPAR-gamma agonists in vascular dementia of diabetic rats. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 100, 320-329.	1.3	42
44	Pharmacological investigations on adaptation in rats subjected to cold water immersion stress. <i>Physiology and Behavior</i> , 2011, 103, 321-329.	1.0	41
45	Possible Involvement of Erythropoietin in Remote Renal Preconditioning-Induced Cardioprotection in Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 51, 126-130.	0.8	40
46	Attenuating effect of hydroalcoholic extract of <i>Acorus calamus</i> in vincristine-induced painful neuropathy in rats. <i>Journal of Natural Medicines</i> , 2011, 65, 480-487.	1.1	40
47	Expanding Spectrum of Sodium Potassium Chloride Co-transporters in the Pathophysiology of Diseases. <i>Current Neuropharmacology</i> , 2015, 13, 369-388.	1.4	39
48	Exploitation of HIV protease inhibitor Indinavir as a memory restorative agent in experimental dementia. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 89, 535-545.	1.3	38
49	Ameliorative potential of sodium cromoglycate and diethyldithiocarbamic acid in restraint stress-induced behavioral alterations in rats. <i>Pharmacological Reports</i> , 2011, 63, 54-63.	1.5	38
50	Experimental hypertension induced vascular dementia: Pharmacological, biochemical and behavioral recuperation by angiotensin receptor blocker and acetylcholinesterase inhibitor. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 101-108.	1.3	38
51	Anti-stress effects of cilnidipine and nimodipine in immobilization subjected mice. <i>Physiology and Behavior</i> , 2012, 105, 1148-1155.	1.0	37
52	Renin-angiotensin system in pain: Existing in a double life?. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2014, 15, 329-340.	1.0	37
53	Pharmacological preconditioning of the brain: a possible interplay between opioid and calcitonin gene related peptide transduction systems. <i>Pharmacological Reports</i> , 2008, 60, 904-13.	1.5	36
54	Exploring mechanism of pioglitazone-induced memory restorative effect in experimental dementia. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 557-566.	1.0	34

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55	Exploring the potential of telmisartan in chronic constriction injury-induced neuropathic pain in rats. <i>European Journal of Pharmacology</i> , 2011, 667, 215-221.	1.7	34
56	Neuroprotective mechanisms of peroxisome proliferator-activated receptor agonists in Alzheimer's disease. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 384, 115-124.	1.4	34
57	Silymarin ameliorates memory deficits and neuropathological changes in mouse model of high-fat-diet-induced experimental dementia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 777-787.	1.4	34
58	Studies on Effect of Stress Preconditioning in Restrain Stress-induced Behavioral Alterations. <i>Yakugaku Zasshi</i> , 2010, 130, 215-221.	0.0	33
59	Defensive Effect of Lansoprazole in Dementia of AD Type in Mice Exposed to Streptozotocin and Cholesterol Enriched Diet. <i>PLoS ONE</i> , 2013, 8, e70487.	1.1	32
60	Implication of mast cell degranulation in ischemic preconditioning-induced prevention of cerebral injury. <i>Fundamental and Clinical Pharmacology</i> , 2008, 22, 179-188.	1.0	31
61	Effects of resveratrol postconditioning on cerebral ischemia in mice: role of the sirtuin-1 pathway. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 1094-1101.	0.7	30
62	Possible Involvement of Insulin, Endogenous Opioids and Calcitonin Gene Related Peptide in Remote Ischaemic Preconditioning of Brain. <i>Yakugaku Zasshi</i> , 2007, 127, 1013-1020.	0.0	28
63	Nuclear factor- $\kappa$ B inhibitor modulates the development of opioid dependence in a mouse model of naloxone-induced opioid withdrawal syndrome. <i>Behavioural Pharmacology</i> , 2008, 19, 265-269.	0.8	28
64	Neuropathic pain-attenuating potential of aliskiren in chronic constriction injury model in rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2013, 14, 116-123.	1.0	28
65	An integrated review on new targets in the treatment of neuropathic pain. <i>Korean Journal of Physiology and Pharmacology</i> , 2019, 23, 1.	0.6	28
66	Diabetes abolish cardioprotective effects of remote ischemic conditioning: evidences and possible mechanisms. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 19-28.	1.3	28
67	Beneficial Effects of Donepezil on Vascular Endothelial Dysfunction-Associated Dementia Induced by L-Methionine in Rats. <i>Journal of Health Science</i> , 2009, 55, 215-225.	0.9	27
68	Memory restorative role of statins in experimental dementia: an evidence of their cholesterol dependent and independent actions. <i>Pharmacological Reports</i> , 2010, 62, 784-796.	1.5	27
69	Pharmacological inhibition of inducible nitric oxide synthase (iNOS) and nicotinamide adenine dinucleotide phosphate (NADPH) oxidase, convalesce behavior and biochemistry of hypertension induced vascular dementia in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 821-830.	1.3	27
70	Pharmacological investigations on potential of peroxisome proliferator-activated receptor-gamma agonists in hyperhomocysteinemia-induced vascular dementia in rats. <i>Neuroscience</i> , 2011, 192, 322-333.	1.1	26
71	Effect of hydroalcoholic extract of <i>Acorus calamus</i> on tibial and sural nerve transection-induced painful neuropathy in rats. <i>Journal of Natural Medicines</i> , 2011, 65, 282-292.	1.1	26
72	Defensive effect of natrium diethyldithiocarbamate trihydrate (NDDCT) and lisinopril in DOCA-salt hypertension-induced vascular dementia in rats. <i>Psychopharmacology</i> , 2012, 223, 307-317.	1.5	26

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73	Pharmacological investigations of Punica granatum in glycerol-induced acute renal failure in rats. Indian Journal of Pharmacology, 2011, 43, 551.	0.4	25
74	Salutary effect of NF- $\kappa$ B inhibitor and folacin in hyperhomocysteinemia-induced hyperlipidemia induced vascular dementia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 38, 207-215.	2.5	25
75	Neuroprotective effect of gadolinium: a stretch-activated calcium channel blocker in mouse model of ischemia-reperfusion injury. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 255-264.	1.4	25
76	Neuroprotective effect of tadalafil, a PDE-5 inhibitor, and its modulation by L-NAME in mouse model of ischemia-reperfusion injury. Journal of Surgical Research, 2014, 186, 475-483.	0.8	25
77	Pharmacologic investigations on the role of Sirt-1 in neuroprotective mechanism of postconditioning in mice. Journal of Surgical Research, 2015, 197, 191-200.	0.8	25
78	Sildenafil improves acquisition and retention of memory in mice. Indian Journal of Physiology and Pharmacology, 2003, 47, 318-24.	0.4	25
79	Effects of Erythropoietin on Memory Deficits and Brain Oxidative Stress in the Mouse Models of Dementia. Korean Journal of Physiology and Pharmacology, 2010, 14, 345.	0.6	24
80	Efficacy of Cilostazol a selective phosphodiesterase-3 inhibitor in rat model of Streptozotocin diabetes induced vascular dementia. Pharmacology Biochemistry and Behavior, 2015, 135, 20-30.	1.3	24
81	Bradykinin in ischemic conditioning-induced tissue protection: Evidences and possible mechanisms. European Journal of Pharmacology, 2015, 768, 58-70.	1.7	24
82	Possible role of thromboxane A2 in remote hind limb preconditioning-induced cardioprotection. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 1-9.	1.4	24
83	Mast cells in neuropathic pain: an increasing spectrum of their involvement in pathophysiology. Reviews in the Neurosciences, 2017, 28, 759-766.	1.4	24
84	Pharmacological preconditioning by milrinone: Memory preserving and neuroprotective effect in ischemia-reperfusion injury in mice. Archives of Pharmacal Research, 2010, 33, 1049-1057.	2.7	23
85	Pharmacologic evidence for role of endothelial nitric oxide synthase in neuroprotective mechanism of ischemic postconditioning in mice. Journal of Surgical Research, 2014, 188, 349-360.	0.8	23
86	Calcineurin inhibitors improve memory loss and neuropathological changes in mouse model of dementia. Pharmacology Biochemistry and Behavior, 2017, 153, 147-159.	1.3	23
87	Drug therapy of neuropathic pain: current developments and future perspectives. Current Drug Targets, 2014, 15, 210-53.	1.0	23
88	Possible Mechanism of Alprazolam-Induced Amnesia in Mice. Pharmacology, 1998, 56, 46-50.	0.9	22
89	Modulation of Neuroprotective Effect of Ischemic Post-Conditioning by Dichlorobenzamil a Na <sup>+</sup> /Ca <sup>2+</sup> Exchanger Inhibitor in Mice. Biological and Pharmaceutical Bulletin, 2010, 33, 585-591.	0.6	22
90	Attenuating effect of standardized fruit extract of punica granatum L in rat model of tibial and sural nerve transection induced neuropathic pain. BMC Complementary and Alternative Medicine, 2013, 13, 274.	3.7	21

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91	Efficacy of bosentan, a dual ETA and ETB endothelin receptor antagonist, in experimental diabetes induced vascular endothelial dysfunction and associated dementia in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 27-35.	1.3	21
92	Analgesic potential of intrathecal farnesyl thiosalicylic acid and GW 5074 in vincristine-induced neuropathic pain in rats. <i>Food and Chemical Toxicology</i> , 2012, 50, 1295-1301.	1.8	20
93	Statins: Do They Aggravate or Ameliorate Neuropathic Pain?. <i>Journal of Pain</i> , 2014, 15, 1069-1080.	0.7	20
94	Investigating the role of nisoldipine in foot shock-induced post-traumatic stress disorder in mice. <i>Fundamental and Clinical Pharmacology</i> , 2016, 30, 128-136.	1.0	20
95	Preconditioning at a distance: Involvement of endothelial vasoactive substances in cardioprotection against ischemia-reperfusion injury. <i>Life Sciences</i> , 2016, 151, 250-258.	2.0	20
96	Protective effects of caspase-9 and poly(ADP-ribose) polymerase inhibitors on ischemia-reperfusion-induced myocardial injury. <i>Archives of Pharmacol Research</i> , 2009, 32, 1037-1043.	2.7	19
97	Ameliorative Potential of Spironolactone in Diabetes Induced Hyperalgesia in Mice. <i>Yakugaku Zasshi</i> , 2009, 129, 593-599.	0.0	19
98	Ameliorative potential of <i>Ocimum sanctum</i> in chronic constriction injury-induced neuropathic pain in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 417-429.	0.3	19
99	Dose-related neuropathic and anti-neuropathic effects of simvastatin in vincristine-induced neuropathic pain in rats. <i>Food and Chemical Toxicology</i> , 2015, 80, 32-40.	1.8	19
100	Pharmacological investigations on mast cell stabilizer and histamine receptor antagonists in vincristine-induced neuropathic pain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 1087-1096.	1.4	18
101	Neuropathic pain attenuating effects of perampanel in an experimental model of chronic constriction injury in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 557-563.	2.5	18
102	Modulation of src-kinase attenuates naloxone-precipitated opioid withdrawal syndrome in mice. <i>Behavioural Pharmacology</i> , 2011, 22, 182-190.	0.8	17
103	Investigations into mild electric foot shock stress-induced cognitive enhancement: possible role of angiotensin neuropeptides. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2013, 14, 197-203.	1.0	17
104	Acute and sub-acute oral toxicity profile of <i>Acorus calamus</i> (Sweet flag) in rodents. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S1017-S1023.	0.5	16
105	Role of P2X7 purinoceptors in neuroprotective mechanism of ischemic postconditioning in mice. <i>Molecular and Cellular Biochemistry</i> , 2014, 390, 161-173.	1.4	16
106	Neuroprotective effect of pharmacological postconditioning on cerebral ischaemia-reperfusion-induced injury in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 956-970.	1.2	16
107	Studies on Cerebral Protection of Digoxin against Ischemia/Reperfusion Injury in Mice. <i>Yakugaku Zasshi</i> , 2009, 129, 435-443.	0.0	15
108	Pharmacological activation of protein kinase A improves memory loss and neuropathological changes in a mouse model of dementia of Alzheimer's type. <i>Behavioural Pharmacology</i> , 2017, 28, 187-198.	0.8	15



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109	Prolyl 4 Hydroxylase: A Critical Target in the Pathophysiology of Diseases. Korean Journal of Physiology and Pharmacology, 2013, 17, 111.	0.6	14
110	Possible role of pannexin 1/P2x7 purinoceptor in neuroprotective mechanism of ischemic postconditioning in mice. Journal of Surgical Research, 2015, 196, 190-199.	0.8	14
111	Exploring the Role of TRPV and CGRP in Adenosine Preconditioning and Remote Hind Limb Preconditioning-Induced Cardioprotection in Rats. Cardiovascular Drugs and Therapy, 2017, 31, 133-143.	1.3	14
112	Amelioration of ischemia-reperfusion induced functional and biochemical deficit in mice by Ocimum kilimandscharicum leaf extract. Biomedicine and Pharmacotherapy, 2017, 85, 556-563.	2.5	14
113	Pharmacological investigations on efficacy of Phlorizin a sodium-glucose co-transporter (SGLT) inhibitor in mouse model of intracerebroventricular streptozotocin induced dementia of AD type. Journal of Basic and Clinical Physiology and Pharmacology, 2021, 32, 1057-1064.	0.7	14
114	Antinociceptive and antiallodynic effects of <i>Momordica charantia</i> L. in tibial and sural nerve transection-induced neuropathic pain in rats. Nutritional Neuroscience, 2014, 17, 88-96.	1.5	13
115	Ameliorative Effect of a Selective Endothelin ET <sub>A</sub> Receptor Antagonist in Rat Model of L-Methionine-induced Vascular Dementia. Korean Journal of Physiology and Pharmacology, 2014, 18, 201.	0.6	13
116	Liver X receptor agonist T0901317 reduces neuropathological changes and improves memory in mouse models of experimental dementia. European Journal of Pharmacology, 2014, 732, 50-59.	1.7	13
117	Pharmacological investigations on possible role of Src kinases in neuroprotective mechanism of ischemic postconditioning in mice. International Journal of Neuroscience, 2014, 124, 777-786.	0.8	13
118	Investigations on the role of leukotrienes in remote hind limb preconditioning-induced cardioprotection in rats. Life Sciences, 2016, 152, 238-243.	2.0	13
119	Redox signaling in remote ischemic preconditioning-induced cardioprotection: Evidences and mechanisms. European Journal of Pharmacology, 2017, 809, 151-155.	1.7	13
120	Implicating the role of plasma membrane localized calcium channels and exchangers in stress-induced deleterious effects. European Journal of Pharmacology, 2013, 714, 229-238.	1.7	12
121	Pharmacological evidence for connection of nitric oxide-mediated pathways in neuroprotective mechanism of ischemic postconditioning in mice. Journal of Pharmacy and Bioallied Sciences, 2014, 6, 233.	0.2	12
122	Potential of carnosine, a histamine precursor in rat model of bilateral common carotid artery occlusion-induced vascular dementia. Fundamental and Clinical Pharmacology, 2018, 32, 516-531.	1.0	12
123	Tadalafil ameliorates memory deficits, oxidative stress, endothelial dysfunction and neuropathological changes in rat model of hyperhomocysteinemia induced vascular dementia. International Journal of Neuroscience, 2020, , 1-13.	0.8	12
124	Tadalafil enhances the neuroprotective effects of ischemic postconditioning in mice, probably in a nitric oxide associated manner. Canadian Journal of Physiology and Pharmacology, 2014, 92, 418-426.	0.7	11
125	Pharmacological investigations on cross adaptation in mice subjected to stress immobilization. Life Sciences, 2015, 127, 98-105.	2.0	11
126	Standardized fruit extract of <i>Momordica charantia</i> L protect against vincristine induced neuropathic pain in rats by modulating GABAergic action, antimitotoxic, NOS inhibition, anti-inflammatory and antioxidative activity. South African Journal of Botany, 2015, 97, 123-132.	1.2	11



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127	Neurogenic pathways in remote ischemic preconditioning induced cardioprotection: Evidences and possible mechanisms. Korean Journal of Physiology and Pharmacology, 2017, 21, 145.	0.6	11
128	Late Phases of Cardioprotection During Remote Ischemic Preconditioning and Adenosine Preconditioning Involve Activation of Neurogenic Pathway. Journal of Cardiovascular Pharmacology, 2019, 73, 63-69.	0.8	11
129	Intrathecal delivery of farnesyl thiosalicylic acid and GW 5074 attenuates hyperalgesia and allodynia in chronic constriction injury-induced neuropathic pain in rats. Neurological Sciences, 2013, 34, 297-304.	0.9	10
130	Neuroprotective mechanism of ischemic postconditioning in mice: a possible relationship between protein kinase C and nitric oxide pathways. Journal of Surgical Research, 2014, 189, 174-183.	0.8	10
131	Investigating the stress attenuating potential of furosemide in immobilization and electric foot-shock stress models in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 497-507.	1.4	10
132	Evidence for the role of histaminergic pathways in neuroprotective mechanism of ischemic postconditioning in mice. Fundamental and Clinical Pharmacology, 2017, 31, 456-470.	1.0	10
133	Pharmacological modulation of leukotriene D4 attenuates the development of opioid dependence in a mouse model of naloxone-induced opioid withdrawal syndrome. European Journal of Pharmacology, 2008, 598, 51-56.	1.7	9
134	Possible Role of Spleen Derived Factors, Vanilloid Receptors and Calcitonin Gene-related Peptide in Diabetes Induced Hyperalgesia in Mice. Yakugaku Zasshi, 2008, 128, 1699-1705.	0.0	9
135	Modulation of histone deacetylase attenuates naloxone-precipitated opioid withdrawal syndrome. Naunyn-Schmiedeberg's Archives of Pharmacology, 2012, 385, 605-619.	1.4	9
136	Calcineurin Inhibition and Protein Kinase A Activation Limits Cognitive Dysfunction and Histopathological Damage in a Model of Dementia of the Alzheimer's Type. Current Neurovascular Research, 2018, 15, 234-245.	0.4	9
137	Ammonium pyrrolidine dithiocarbamate and RS 102895 attenuate opioid withdrawal in vivo and in vitro. Psychopharmacology, 2012, 220, 427-438.	1.5	8
138	Investigating the role of endogenous opioids and K <sup>ATP</sup> channels in glycerol-induced acute renal failure. Fundamental and Clinical Pharmacology, 2012, 26, 347-355.	1.0	7
139	Role of ATP-Sensitive Potassium Channels in Remote Ischemic Preconditioning Induced Tissue Protection. Journal of Cardiovascular Pharmacology and Therapeutics, 2017, 22, 467-475.	1.0	7
140	Investigating the possible mechanisms involved in adenosine preconditioning-induced cardioprotection in rats. Cardiovascular Therapeutics, 2018, 36, e12328.	1.1	7
141	Ozagrel a thromboxane A2 synthase inhibitor extenuates endothelial dysfunction, oxidative stress and neuroinflammation in rat model of bilateral common carotid artery occlusion induced vascular dementia. Vascular Pharmacology, 2021, 137, 106827.	1.0	7
142	Clinical Applicability of Conditioning Techniques in Ischemia-Reperfusion Injury: A Review of the Literature. Current Cardiology Reviews, 2021, 17, 306-318.	0.6	7
143	Ameliorative role of rolipram, PDE-4 inhibitor, against sodium arsenite-induced vascular dementia in rats. Environmental Science and Pollution Research, 2021, 28, 63250-63262.	2.7	7
144	Evolving possible link between PI3K and NO pathways in neuroprotective mechanism of ischemic postconditioning in mice. Molecular and Cellular Biochemistry, 2014, 397, 255-265.	1.4	6

#	ARTICLE	IF	CITATIONS
145	Ameliorative effect of ozagrel, a thromboxane A2 synthase inhibitor, in hyperhomocysteinemia-induced experimental vascular cognitive impairment and dementia. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 650-666.	1.0	6
146	Punicalagin and ellagic acid containing <i>Punica granatum L.</i> fruit rind extract prevents vincristine-induced neuropathic pain in rats: an <i>in silico</i> and <i>in vivo</i> evidence of GABAergic action and cytokine inhibition. <i>Nutritional Neuroscience</i> , 2022, 25, 2149-2166.	1.5	6
147	Ameliorative Effect of Phosphodiesterase-5 Inhibitor in Rat Model of Vascular Dementia. <i>Current Neurovascular Research</i> , 2019, 16, 27-39.	0.4	6
148	Ameliorative Potential of Pralidoxime in Tibial and Sural Nerve Transection-Induced Neuropathic Pain in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1331-1336.	0.6	5
149	Possible Mechanism of Rottlerin Induced Modulation of Ischemia Reperfusion Injury in Isolated Rat Hearts. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1745-1748.	0.6	4
150	Investigating the possible pain attenuating mechanisms of pregabalin in chronic constriction injury-induced neuropathic pain in rats. <i>International Journal of Neuroscience</i> , 2019, 129, 1155-1165.	0.8	4
151	Pain attenuating actions of vincristine preconditioning in chemotherapeutic agent-induced neuropathic pain: key involvement of T-type calcium channels. <i>Fundamental and Clinical Pharmacology</i> , 2020, 34, 336-344.	1.0	4
152	Restoration of the Attenuated Neuroprotective Effect of Ischemic Postconditioning in Diabetic Mice by SGLT Inhibitor Phlorizin. <i>Current Neurovascular Research</i> , 2021, 17, 706-718.	0.4	4
153	Opening of T-type Ca <sup>2+</sup> channels and activation of HCN channels contribute in stress adaptation in cold water immersion stress-subjected mice. <i>Life Sciences</i> , 2019, 232, 116605.	2.0	3
154	Thromboxane A2 synthase inhibition ameliorates endothelial dysfunction, memory deficits, oxidative stress and neuroinflammation in rat model of streptozotocin diabetes induced dementia. <i>Physiology and Behavior</i> , 2021, 241, 113592.	1.0	3
155	Non-beneficial effects of rosiglitazone in oxaliplatin-induced cold hyperalgesia in rats. <i>Journal of Pharmaceutical Negative Results</i> , 2011, 2, 28.	0.1	2
156	Sodium-hydrogen exchanger inhibitory potential of <i>Malus domestica</i> , <i>Musa</i> – <i>paradisiaca</i> , <i>Daucus carota</i> , and <i>Symphytum officinale</i> . <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2014, 25, 99-108.	0.7	2
157	Potential role of EphrinA2 receptors in postconditioning induced cardioprotection in rats. <i>European Journal of Pharmacology</i> , 2020, 883, 173231.	1.7	2
158	Exploring the anti-stress effects of imatinib and tetrabenazine in cold-water immersion-induced acute stress in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1625-1634.	1.4	2
159	Exploring the role and inter-relationship among nitric oxide, opioids, and K channels in the signaling pathway underlying remote ischemic preconditioning induced cardioprotection in rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 820-826.	1.0	0