

Ahmad R Dehpour

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6224489/ahmad-r-dehpour-publications-by-citations.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

708

papers

11,206

citations

42

h-index

59

g-index

746

ext. papers

12,953

ext. citations

4

avg, IF

6.42

L-index

#	Paper	IF	Citations
708	Design, synthesis, and biological evaluation of substituted 3-alkylthio-4,5-diaryl-4H-1,2,4-triazoles as selective COX-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 2507-17	3.4	131
707	Neurobiology and consequences of social isolation stress in animal model-A comprehensive review. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 105, 1205-1222	7.5	129
706	Nanoparticles of quaternized chitosan derivatives as a carrier for colon delivery of insulin: ex vivo and in vivo studies. <i>International Journal of Pharmaceutics</i> , 2008 , 356, 259-66	6.5	115
705	The role of nitric oxide in anticonvulsant and proconvulsant effects of morphine in mice. <i>Epilepsy Research</i> , 2002 , 48, 33-41	3	90
704	The interaction of cannabinoids and opioids on pentylenetetrazole-induced seizure threshold in mice. <i>Neuropharmacology</i> , 2004 , 47, 390-400	5.5	88
703	Fabrication and structure analysis of poly(lactide-co-glycolic acid)/silk fibroin hybrid scaffold for wound dressing applications. <i>International Journal of Pharmaceutics</i> , 2014 , 473, 345-55	6.5	87
702	Antidepressant-like effect of pioglitazone in the forced swimming test in mice: the role of PPAR-gamma receptor and nitric oxide pathway. <i>Behavioural Brain Research</i> , 2011 , 224, 336-43	3.4	86
701	Nitric oxide involvement in the antidepressant-like effects of acute lithium administration in the mouse forced swimming test. <i>European Neuropsychopharmacology</i> , 2008 , 18, 323-32	1.2	81
700	Apigenin as neuroprotective agent: Of mice and men. <i>Pharmacological Research</i> , 2018 , 128, 359-365	10.2	79
699	Investigation on the effects of the atmospheric pressure plasma on wound healing in diabetic rats. <i>Scientific Reports</i> , 2016 , 6, 19144	4.9	79
698	Protective effects of sildenafil administration on testicular torsion/detorsion damage in rats. <i>World Journal of Urology</i> , 2008 , 26, 197-202	4	76
697	Co-occurrence of anxiety and depressive-like behaviors following adolescent social isolation in male mice; possible role of nitricergic system. <i>Physiology and Behavior</i> , 2015 , 145, 38-44	3.5	75
696	Oxytocin mitigated the depressive-like behaviors of maternal separation stress through modulating mitochondrial function and neuroinflammation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 76, 169-178	5.5	74
695	Endogenous cannabinoids contribute to remote ischemic preconditioning via cannabinoid CB2 receptors in the rat heart. <i>European Journal of Pharmacology</i> , 2008 , 579, 246-52	5.3	73
694	The proconvulsant effect of sildenafil in mice: role of nitric oxide-cGMP pathway. <i>British Journal of Pharmacology</i> , 2006 , 147, 935-43	8.6	71
693	Design, synthesis, and biological evaluation of substituted 2-alkylthio-1,5-diarylimidazoles as selective COX-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 1976-82	3.4	66
692	NMDA receptor antagonists augment antidepressant-like effects of lithium in the mouse forced swimming test. <i>Journal of Psychopharmacology</i> , 2010 , 24, 585-94	4.6	65

691	Involvement of nitric oxide pathway in the acute anticonvulsant effect of melatonin in mice. <i>Epilepsy Research</i> , 2006 , 68, 103-13	3	65
690	Anandamide mediates hyperdynamic circulation in cirrhotic rats via CB(1) and VR(1) receptors. <i>British Journal of Pharmacology</i> , 2006 , 149, 898-908	8.6	63
689	NMDA receptor/nitroergic system blockage augments antidepressant-like effects of paroxetine in the mouse forced swimming test. <i>Psychopharmacology</i> , 2009 , 206, 325-33	4.7	62
688	Naltrexone, an opioid receptor antagonist, attenuates liver fibrosis in bile duct ligated rats. <i>Gut</i> , 2006 , 55, 1606-16	19.2	58
687	Potential role of organochlorine pesticides in the pathogenesis of neurodevelopmental, neurodegenerative, and neurobehavioral disorders: A review. <i>Life Sciences</i> , 2016 , 145, 255-64	6.8	56
686	Evaluation of propylene glycol nanoliposomes containing curcumin on burn wound model in rat: biocompatibility, wound healing, and anti-bacterial effects. <i>Drug Delivery and Translational Research</i> , 2017 , 7, 654-663	6.2	56
685	Morphine is protective against doxorubicin-induced cardiotoxicity in rat. <i>Toxicology</i> , 2008 , 243, 96-104	4.4	56
684	Atorvastatin attenuates TNBS-induced rat colitis: the involvement of the TLR4/NF-kB signaling pathway. <i>Inflammopharmacology</i> , 2016 , 24, 109-18	5.1	56
683	Chronic morphine treatment induces oxidant and apoptotic damage in the mice liver. <i>Life Sciences</i> , 2006 , 79, 972-80	6.8	55
682	The NMDA receptor/nitric oxide pathway: a target for the therapeutic and toxic effects of lithium. <i>Trends in Pharmacological Sciences</i> , 2011 , 32, 420-34	13.2	53
681	Tropisetron attenuates cisplatin-induced nephrotoxicity in mice. <i>European Journal of Pharmacology</i> , 2014 , 738, 222-9	5.3	49
680	NMDA receptor involvement in antidepressant-like effect of pioglitazone in the forced swimming test in mice. <i>Psychopharmacology</i> , 2012 , 223, 345-55	4.7	49
679	Agmatine exerts anticonvulsant effect in mice: modulation by alpha 2-adrenoceptors and nitric oxide. <i>Neuropharmacology</i> , 2003 , 45, 534-42	5.5	49
678	Enhanced anti-ulcer effect of pioglitazone on gastric ulcers in cirrhotic rats: the role of nitric oxide and IL-1 β . <i>Pharmacological Reports</i> , 2013 , 65, 134-43	3.9	48
677	Curcumin protects rats against acetaminophen-induced hepatorenal damages and shows synergistic activity with N-acetyl cysteine. <i>European Journal of Pharmacology</i> , 2010 , 628, 274-81	5.3	48
676	In vitro characterization of human intact erythrocytes loaded by enalaprilat. <i>Drug Delivery</i> , 2001 , 8, 223-30		47
675	Elevated level of nitric oxide mediates the anti-depressant effect of rubidium chloride in mice. <i>European Journal of Pharmacology</i> , 2015 , 762, 411-8	5.3	46
674	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	3	46

673	The role of nitric oxide in orthodontic tooth movement in rats. <i>Angle Orthodontist</i> , 2002 , 72, 211-5	2.6	46
672	Opioid/NMDA receptors blockade reverses the depressant-like behavior of foot shock stress in the mouse forced swimming test. <i>European Journal of Pharmacology</i> , 2014 , 735, 26-31	5.3	45
671	Nanoliposome containing cyclosporine A reduced neuroinflammation responses and improved neurological activities in cerebral ischemia/reperfusion in rat. <i>Fundamental and Clinical Pharmacology</i> , 2017 , 31, 185-193	3.1	45
670	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, 240-8	5.3	44
669	Effect of morphine on ischemia-reperfusion injury: experimental study in testicular torsion rat model. <i>Urology</i> , 2005 , 66, 1338-42	1.6	44
668	Estradiol reduces depressive-like behavior through inhibiting nitric oxide/cyclic GMP pathway in ovariectomized mice. <i>Hormones and Behavior</i> , 2013 , 63, 361-9	3.7	43
667	Regulation of autophagy by polyphenols: Paving the road for treatment of neurodegeneration. <i>Biotechnology Advances</i> , 2018 , 36, 1768-1778	17.8	43
666	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, 3551-61	4.7	42
665	Tropisetron attenuates amyloid-beta-induced inflammatory and apoptotic responses in rats. <i>European Journal of Clinical Investigation</i> , 2013 , 43, 1039-51	4.6	42
664	Blockade of NMDA receptors reverses the depressant, but not anxiogenic effect of adolescence social isolation in mice. <i>European Journal of Pharmacology</i> , 2015 , 750, 160-6	5.3	42
663	A role for nitrenergic 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	3.4	42
662	The involvement of endogenous opioids and nitricoxidergic pathway in the anticonvulsant effects of foot-shock stress in mice. <i>Epilepsy Research</i> , 2002 , 49, 131-42	3	42
661	Anti-inflammatory effect of AMPK signaling pathway in rat model of diabetic neuropathy. <i>Inflammopharmacology</i> , 2016 , 24, 207-219	5.1	41
660	Granisetron ameliorates acetic acid-induced colitis in rats. <i>Human and Experimental Toxicology</i> , 2010 , 29, 321-8	3.4	41
659	Effect of simvastatin administration on periodontitis-associated bone loss in ovariectomized rats. <i>Journal of Periodontology</i> , 2007 , 78, 1561-7	4.6	41
658	Mesenteric vascular bed responsiveness in bile duct-ligated rats: roles of opioid and nitric oxide systems. <i>European Journal of Pharmacology</i> , 2001 , 423, 185-93	5.3	41
657	The beneficial effects of HMG-CoA reductase inhibitors in the processes of neurodegeneration. <i>Metabolic Brain Disease</i> , 2017 , 32, 949-965	3.9	39
656	The role of different serotonin receptor subtypes in seizure susceptibility. <i>Experimental Brain Research</i> , 2014 , 232, 347-67	2.3	39

655	Involvement of nitric oxide in granisetron improving effect on scopolamine-induced memory impairment in mice. <i>Brain Research</i> , 2012 , 1429, 61-71	3.7	39
654	Seizure susceptibility alteration through 5-HT(3) receptor: modulation by nitric oxide. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2010 , 19, 17-22	3.2	39
653	Nitric oxide modulates glutathione synthesis during endotoxemia. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 1817-28	7.8	39
652	Preparation of hydrogel embedded polymer-growth factor conjugated nanoparticles as a diabetic wound dressing. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 707-719	3.6	38
651	Anti-inflammatory effects of Metformin improve the neuropathic pain and locomotor activity in spinal cord injured rats: introduction of an alternative therapy. <i>Spinal Cord</i> , 2018 , 56, 1032-1041	2.7	38
650	Impact of 5-HT ₂ receptor antagonists on peripheral and central diseases. <i>Drug Discovery Today</i> , 2012 , 17, 741-7	8.8	37
649	Involvement of nitrenergic system in the anticonvulsant effect of the cannabinoid CB(1) agonist ACEA in the pentylenetetrazole-induced seizure in mice. <i>Epilepsy Research</i> , 2009 , 84, 110-9	3	37
648	Ultra-low dose naltrexone potentiates the anticonvulsant effect of low dose morphine on clonic seizures. <i>Neuroscience</i> , 2004 , 129, 733-42	3.9	37
647	Investigating the protective effect of lithium against high glucose-induced neurotoxicity in PC12 cells: involvements of ROS, JNK and P38 MAPKs, and apoptotic mitochondria pathway. <i>Cellular and Molecular Neurobiology</i> , 2014 , 34, 1143-50	4.6	36
646	The interaction of melatonin and agmatine on pentylenetetrazole-induced seizure threshold in mice. <i>Epilepsy and Behavior</i> , 2011 , 22, 200-6	3.2	36
645	Anti-inflammatory and analgesic activity of Biebersteinia multifida DC. root extract. <i>Journal of Ethnopharmacology</i> , 2000 , 71, 443-7	5	36
644	Antiulcer activities of liquorice and its derivatives in experimental gastric lesion induced by ibuprofen in rats. <i>International Journal of Pharmaceutics</i> , 1995 , 119, 133-138	6.5	36
643	Attenuation of oxidative and nitrosative stress in cortical area associates with antidepressant-like effects of tropisetron in male mice following social isolation stress. <i>Brain Research Bulletin</i> , 2016 , 124, 150-63	3.9	36
642	Involvement of N-methyl-d-aspartate receptors in the antidepressant-like effect of 5-hydroxytryptamine 3 antagonists in mouse forced swimming test and tail suspension test. <i>Pharmacology Biochemistry and Behavior</i> , 2016 , 141, 1-9	3.9	35
641	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, 217-27	3	35
640	Agmatine potentiates morphine-induced conditioned place preference in mice: modulation by alpha2-adrenoceptors. <i>Neuropsychopharmacology</i> , 2006 , 31, 1722-32	8.7	35
639	Nitric oxide: a new concept in chronic sinusitis pathogenesis. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2007 , 28, 334-7	2.8	35
638	Evaluation of meloxicam (A cox-2 inhibitor) for management of postoperative endodontic pain: a double-blind placebo-controlled study. <i>Journal of Endodontics</i> , 2003 , 29, 634-7	4.7	35

637	Relaxatory effect of magnesium on mesenteric vascular beds differs from normal and streptozotocin induced diabetic rats. <i>European Journal of Pharmacology</i> , 2005 , 508, 177-81	5.3	35
636	The role of the interaction between endogenous opioids and nitric oxide in the pathophysiology of ethanol-induced gastric damage in cholestatic rats. <i>Fundamental and Clinical Pharmacology</i> , 2001 , 15, 181-7	3.1	35
635	Tropisetron attenuated the anxiogenic effects of social isolation by modulating nitrenergic system and mitochondrial function. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015 , 1850, 2464-75	4	34
634	Effect of oral magnesium sulfate administration on blood pressure and lipid profile in streptozocin diabetic rat. <i>European Journal of Pharmacology</i> , 2007 , 560, 201-5	5.3	34
633	Lipophilic 4-imidazolyl-1,4-dihydropyridines: synthesis, calcium channel antagonist activity and protection against pentylenetetrazole-induced seizure. <i>Il Farmaco</i> , 2004 , 59, 261-9		34
632	The role of alpha2-adrenoceptors in the modulatory effects of morphine on seizure susceptibility in mice. <i>Epilepsia</i> , 2002 , 43, 797-804	6.4	34
631	Diethyl methyl chitosan as an intestinal paracellular enhancer: ex vivo and in vivo studies. <i>International Journal of Pharmaceutics</i> , 2005 , 293, 83-9	6.5	34
630	Stem cell-based approach for the treatment of Parkinson's disease. <i>Medical Journal of the Islamic Republic of Iran</i> , 2015 , 29, 168	1.1	34
629	The effect of thyroid hormone on orthodontic tooth movement in rats. <i>Journal of Clinical Pediatric Dentistry</i> , 1999 , 23, 259-64	1.6	34
628	Molecular and biochemical evidences on the protective effects of triiodothyronine against phosphine-induced cardiac and mitochondrial toxicity. <i>Life Sciences</i> , 2015 , 139, 30-9	6.8	33
627	Foeniculum vulgare essential oil ameliorates acetic acid-induced colitis in rats through the inhibition of NF-kB pathway. <i>Inflammopharmacology</i> , 2018 , 26, 851-859	5.1	33
626	Pharmacological evidence for the involvement of the NMDA receptor and nitric oxide pathway in the antidepressant-like effect of lamotrigine in the mouse forced swimming test. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 82, 713-21	7.5	33
625	Fluoxetine reverses the behavioral despair induced by neurogenic stress in mice: role of N-methyl-d-aspartate and opioid receptors. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016 , 94, 599-612	2.4	33
624	The involvement of NMDA receptor/NO/cGMP pathway in the antidepressant like effects of baclofen in mouse force swimming test. <i>Neuroscience Letters</i> , 2016 , 612, 52-61	3.3	33
623	Involvement of nitric oxide-cyclic guanosine monophosphate pathway in the antidepressant-like effect of tropisetron and ondansetron in mice forced swimming test and tail suspension test. <i>European Journal of Pharmacology</i> , 2016 , 780, 71-81	5.3	33
622	Chronic administration of atorvastatin induced anti-convulsant effects in mice: the role of nitric oxide. <i>Epilepsy and Behavior</i> , 2012 , 23, 399-404	3.2	33
621	The differential effects of OX1R and OX2R selective antagonists on morphine conditioned place preference in naïve versus morphine-dependent mice. <i>Behavioural Brain Research</i> , 2013 , 237, 41-8	3.4	33
620	Arsenic trioxide induces apoptosis in NB-4, an acute promyelocytic leukemia cell line, through up-regulation of p73 via suppression of nuclear factor kappa B-mediated inhibition of p73 transcription and prevention of NF-kappaB-mediated induction of XIAP, cIAP2, BCL-XL and survivin. <i>Medical Oncology</i> , 2010 , 27, 833-42	3.7	33

619	Ethyl pyruvate reduces germ cell-specific apoptosis and oxidative stress in rat model of testicular torsion/detorsion. <i>Journal of Pediatric Surgery</i> , 2008 , 43, 705-12	2.6	33
618	Ultra-low dose cannabinoid antagonist AM251 enhances cannabinoid anticonvulsant effects in the pentylenetetrazole-induced seizure in mice. <i>Neuropharmacology</i> , 2007 , 53, 763-70	5.5	33
617	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, 63-9	3	33
616	Anticonvulsant effects of cyclosporin A on pentylenetetrazole-induced seizure and kindling: modulation by nitric oxide system. <i>Brain Research</i> , 2002 , 939, 1-10	3.7	33
615	The role of nitric oxide in bradycardia of rats with obstructive cholestasis. <i>European Journal of Pharmacology</i> , 2001 , 411, 135-141	5.3	33
614	Targeting Hedgehog signaling pathway: Paving the road for cancer therapy. <i>Pharmacological Research</i> , 2019 , 141, 466-480	10.2	33
613	Anxiety- and Depressive-Like Behaviors are Associated with Altered Hippocampal Energy and Inflammatory Status in a Mouse Model of Crohn's Disease. <i>Neuroscience</i> , 2017 , 366, 124-137	3.9	32
612	Lithium attenuated the depressant and anxiogenic effect of juvenile social stress through mitigating the negative impact of interleukin-1 β and nitric oxide on hypothalamic-pituitary-adrenal axis function. <i>Neuroscience</i> , 2016 , 315, 271-85	3.9	32
611	Possible involvement of PPAR-gamma receptor and nitric oxide pathway in the anticonvulsant effect of acute pioglitazone on pentylenetetrazole-induced seizures in mice. <i>Epilepsy Research</i> , 2012 , 101, 28-35	3	32
610	Tropisetron ameliorates ischemic brain injury in an embolic model of stroke. <i>Brain Research</i> , 2011 , 1392, 101-9	3.7	32
609	Methadone ameliorates multiple-low-dose streptozotocin-induced type 1 diabetes in mice. <i>Toxicology and Applied Pharmacology</i> , 2008 , 232, 119-24	4.6	32
608	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	3	32
607	Lithium inhibits the modulatory effects of morphine on susceptibility to pentylenetetrazole-induced clonic seizure in mice: involvement of a nitric oxide pathway. <i>Brain Research</i> , 2004 , 1029, 48-55	3.7	32
606	Do endogenous opioids contribute to the bradycardia of rats with obstructive cholestasis?. <i>Fundamental and Clinical Pharmacology</i> , 2002 , 16, 273-9	3.1	32
605	Naloxone is protective against indomethacin-induced gastric damage in cholestatic rats. <i>Journal of Gastroenterology</i> , 1999 , 34, 178-81	6.9	32
604	Peroxisome proliferator-activated receptor- β activation attenuates motor and cognition impairments induced by bile duct ligation in a rat model of hepatic cirrhosis. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 120, 133-9	3.9	31
603	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, 186-92	3.2	31
602	Benefit of nanocarrier of magnetic magnesium in rat malathion-induced toxicity and cardiac failure using non-invasive monitoring of electrocardiogram and blood pressure. <i>Toxicology and Industrial Health</i> , 2011 , 27, 417-29	1.8	31

601	Nitric oxide metabolites as biomarkers for follow-up after chronic rhinosinusitis surgery. <i>American Journal of Rhinology and Allergy</i> , 2009 , 23, 159-61	2.4	31
600	The protective effects of sumatriptan on vincristine - induced peripheral neuropathy in a rat model. <i>NeuroToxicology</i> , 2018 , 67, 279-286	4.4	31
599	Involvement of NMDA receptors and L-arginine/nitric oxide/cyclic guanosine monophosphate pathway in the antidepressant-like effects of topiramate in mice forced swimming test. <i>Brain Research Bulletin</i> , 2016 , 122, 62-70	3.9	30
598	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	3	30
597	Design and synthesis of new water-soluble tetrazolide derivatives of celecoxib and rofecoxib as selective cyclooxygenase-2 (COX-2) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 4483-7	3.9	30
596	Effects of administration of oral magnesium on plasma glucose and pathological changes in the aorta and pancreas of diabetic rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005 , 32, 604-10	3	30
595	N(G)-nitro-L-arginine methylester is protective against ethanol-induced gastric damage in cholestatic rats. <i>European Journal of Pharmacology</i> , 1999 , 370, 283-6	5.3	30
594	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, 140-5	5.5	29
593	Melatonin ameliorates TNBS-induced colitis in rats through the melatonin receptors: involvement of TLR4/MyD88/NF- κ B signalling pathway. <i>Inflammopharmacology</i> , 2019 , 27, 361-371	5.1	29
592	Metformin improves skin flap survival through nitric oxide system. <i>Journal of Surgical Research</i> , 2014 , 192, 686-91	2.5	29
591	Sublingual buprenorphine for acute renal colic pain management: a double-blind, randomized controlled trial. <i>International Journal of Emergency Medicine</i> , 2014 , 7, 1	3.9	29
590	Quercetin prevents experimental glucocorticoid-induced osteoporosis: a comparative study with alendronate. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013 , 91, 380-5	2.4	29
589	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, 171-8	3.2	29
588	Sex and estrus cycle differences in the modulatory effects of morphine on seizure susceptibility in mice. <i>Epilepsia</i> , 2004 , 45, 1035-42	6.4	29
587	Antidepressant effect of pramipexole in mice forced swimming test: A cross talk between dopamine receptor and NMDA/nitric oxide/cGMP pathway. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 81, 295-304	7.5	29
586	Involvement of opioid system in antidepressant-like effect of the cannabinoid CB1 receptor inverse agonist AM-251 after physical stress in mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 203-12	3	28
585	Involvement of the nitroergic system in the proconvulsant effect of social isolation stress in male mice. <i>Epilepsy and Behavior</i> , 2014 , 41, 158-63	3.2	28
584	Role of endogenous hydrogen sulfide in neurogenic relaxation of rat corpus cavernosum. <i>Biochemical Pharmacology</i> , 2012 , 83, 1261-8	6	28

583	Effect of endotoxin on heart rate dynamics in rats with cirrhosis. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013 , 177, 104-13	2.4	28
582	Attenuation of morphine withdrawal signs by a GABAB receptor agonist in the locus coeruleus of rats. <i>Behavioural Brain Research</i> , 2009 , 196, 11-4	3.4	28
581	Inhibition by L-NA, a nitric oxide synthase inhibitor, of naloxone-precipitated withdrawal signs in a mouse model of cholestasis. <i>Life Sciences</i> , 1997 , 60, PL 265-70	6.8	28
580	Melatonin Pretreatment Enhances the Homing of Bone Marrow-derived Mesenchymal Stem Cells Following Transplantation in a Rat Model of Liver Fibrosis. <i>Iranian Biomedical Journal</i> , 2016 , 20, 207-16	2	28
579	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, 131-41	5.5	27
578	Adenosine A2A receptors and uric acid mediate protective effects of inosine against TNBS-induced colitis in rats. <i>European Journal of Pharmacology</i> , 2010 , 649, 376-81	5.3	27
577	Melatonin enhances the anticonvulsant and proconvulsant effects of morphine in mice: role for nitric oxide signaling pathway. <i>Epilepsy Research</i> , 2007 , 75, 138-44	3	27
576	Inhibition of the morphine withdrawal syndrome and the development of physical dependence by lithium in mice. <i>Neuropharmacology</i> , 1995 , 34, 115-21	5.5	27
575	Activation of cannabinoid receptors elicits antidepressant-like effects in a mouse model of social isolation stress. <i>Brain Research Bulletin</i> , 2017 , 130, 200-210	3.9	26
574	Protective effects of agmatine on doxorubicin-induced chronic cardiotoxicity in rat. <i>European Journal of Pharmacology</i> , 2017 , 796, 39-44	5.3	26
573	Antidepressant-like effect of atorvastatin in the forced swimming test in mice: the role of PPAR-gamma receptor and nitric oxide pathway. <i>European Journal of Pharmacology</i> , 2014 , 745, 52-8	5.3	26
572	Protective effect of ghrelin on acetaminophen-induced liver injury in rat. <i>Peptides</i> , 2010 , 31, 2114-7	3.8	26
571	Effect of aminoguanidine in sperm DNA fragmentation in varicocele rats: role of nitric oxide. <i>Reproductive Sciences</i> , 2011 , 18, 545-50	3	26
570	Salutary effects of N-acetylcysteine on apoptotic damage in a rat model of testicular torsion. <i>Urologia Internationalis</i> , 2007 , 79, 248-54	1.9	26
569	Comparison of simultaneous administration of lithium with L-NAME or L-arginine on morphine withdrawal syndrome in mice. <i>Human Psychopharmacology</i> , 2000 , 15, 87-93	2.3	26
568	The effect of lithium on morphine-induced analgesia in mice. <i>General Pharmacology</i> , 1994 , 25, 1635-41		26
567	The protective potential of metformin against acetaminophen-induced hepatotoxicity in BALB/C mice. <i>Pharmaceutical Biology</i> , 2016 , 54, 2830-2837	3.8	25
566	Nitric oxide mediates the anticonvulsant effects of thalidomide on pentylenetetrazole-induced clonic seizures in mice. <i>Epilepsy and Behavior</i> , 2014 , 34, 99-104	3.2	25

565	Antinociceptive and antidiarrheal effects of pioglitazone in a rat model of diarrhoea-predominant irritable bowel syndrome: role of nitric oxide. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2014 , 41, 118-26	3	25
564	The effect of silymarin (<i>Silybum marianum</i>) on human skin fibroblasts in an in vitro wound healing model. <i>Pharmaceutical Biology</i> , 2013 , 51, 298-303	3.8	25
563	Chronic lithium administration ameliorates 2,4,6-trinitrobenzene sulfonic acid-induced colitis in rats; potential role for adenosine triphosphate sensitive potassium channels. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011 , 26, 1174-81	4	25
562	Dual nitric oxide mechanisms of cholestasis-induced bradycardia in the rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002 , 29, 905-8	3	25
561	The synergistic anticonvulsant effect of agmatine and morphine: possible role of alpha 2-adrenoceptors. <i>Epilepsy Research</i> , 2005 , 65, 33-40	3	25
560	Involvement of N-methyl-D-aspartate receptors and nitric oxide in the rostral ventromedial medulla in modulating morphine pain-inhibitory signals from the periaqueductal grey matter in rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005 , 32, 585-9	3	25
559	Modulation of cholestasis-induced antinociception by CCK receptor agonists and antagonists. <i>European Neuropsychopharmacology</i> , 2002 , 12, 111-8	1.2	25
558	On the effect of minocycline on the depressive-like behavior of mice repeatedly exposed to malathion: interaction between nitric oxide and cholinergic system. <i>Metabolic Brain Disease</i> , 2016 , 31, 549-61	3.9	25
557	Blockade of vascular endothelial growth factor receptors by tivozanib has potential anti-tumour effects on human glioblastoma cells. <i>Scientific Reports</i> , 2017 , 7, 44075	4.9	24
556	From Chemotherapy-Induced Emesis to Neuroprotection: Therapeutic Opportunities for 5-HT ₃ Receptor Antagonists. <i>Molecular Neurobiology</i> , 2015 , 52, 1670-1679	6.2	24
555	Blockade of nuclear factor- κ B (NF- κ B) pathway inhibits growth and induces apoptosis in chemoresistant ovarian carcinoma cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2018 , 99, 1-9	5.6	24
554	Effect of metformin on germ cell-specific apoptosis, oxidative stress and epididymal sperm quality after testicular torsion/detorsion in rats. <i>Andrologia</i> , 2018 , 50, e12846	2.4	24
553	Lithium attenuates peripheral neuropathy induced by paclitaxel in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012 , 110, 231-7	3.1	24
552	The effects of FK506 on the development and expression of morphine tolerance and dependence in mice. <i>Behavioural Pharmacology</i> , 2003 , 14, 121-7	2.4	24
551	Therapeutic value of melatonin post-treatment on CCl ₄ -induced fibrotic rat liver. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016 , 94, 119-130	2.4	23
550	Experiencing neonatal maternal separation increased pain sensitivity in adult male mice: Involvement of oxytocinergic system. <i>Neuropeptides</i> , 2017 , 61, 77-85	3.3	23
549	Novel therapeutic strategies for stroke: The role of autophagy. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019 , 56, 182-199	9.4	23
548	Chloroquine-induced scratching is mediated by NO/cGMP pathway in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 134, 79-84	3.9	23

547	Evaluation of antitumor activity of a TGF-beta receptor I inhibitor (SD-208) on human colon adenocarcinoma. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014 , 22, 47	3.9	23
546	The role of NMDA receptor and nitric oxide/cyclic guanosine monophosphate pathway in the antidepressant-like effect of dextromethorphan in mice forced swimming test and tail suspension test. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 85, 627-634	7.5	23
545	The protective effect of liquorice components and their derivatives against gastric ulcer induced by aspirin in rats. <i>Journal of Pharmacy and Pharmacology</i> , 1994 , 46, 148-9	4.8	23
544	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, 556-64	2.4	23
543	Femoral vessels cross-clamping: the reliability of a method for sciatic nerve ischemia-reperfusion injury. <i>Microsurgery</i> , 2007 , 27, 206-7	2.1	23
542	Mediation of nitric oxide in inhibitory effect of morphine against electroshock-induced convulsions in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2003 , 74, 795-801	3.9	23
541	Experiencing neonatal maternal separation increased the seizure threshold in adult male mice: Involvement of the opioid system. <i>Epilepsy and Behavior</i> , 2015 , 52, 37-41	3.2	22
540	Tropisetron upregulates cannabinoid CB1 receptors in cerebellar granule cells: possible involvement of calcineurin. <i>Brain Research</i> , 2011 , 1417, 1-8	3.7	22
539	Mouth breathing increases the pentylenetetrazole-induced seizure threshold in mice: a role for ATP-sensitive potassium channels. <i>Epilepsy and Behavior</i> , 2008 , 13, 284-9	3.2	22
538	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, 177-82	5.6	22
537	Oral magnesium administration prevents vascular complications in STZ-diabetic rats. <i>Life Sciences</i> , 2005 , 76, 1455-64	6.8	22
536	Preconditioning of the rat random-pattern skin flap: modulation by opioids. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2005 , 58, 58-64		22
535	Effect of chronic lithium administration on endothelium-dependent relaxation in rat aorta. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000 , 27, 55-9	3	22
534	Alteration by cadmium of rat submandibular gland secretory function and the role of the L-arginine/nitric oxide pathway. <i>Pharmacological Research</i> , 2000 , 42, 591-7	10.2	22
533	EFFECTS OF RUBIDIUM ON THE SECRETORY FUNCTION OF THE RAT SUBMANDIBULAR GLAND. <i>Toxic Substance Mechanisms</i> , 1998 , 17, 121-131		22
532	Quantifying memory in complex physiological time-series. <i>PLoS ONE</i> , 2013 , 8, e72854	3.7	22
531	L-arginine/nitric oxide pathway and interaction with lead acetate on rat submandibular gland function. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2000 , 87, 198-203		22
530	Endogenous nitric oxide modulates naloxone-precipitated withdrawal signs in a mouse model with acute cholestasis. <i>Behavioural Pharmacology</i> , 1998 , 9, 77-80	2.4	22

529	Anti-tumour activity of tivozanib, a pan-inhibitor of VEGF receptors, in therapy-resistant ovarian carcinoma cells. <i>Scientific Reports</i> , 2017 , 7, 45954	4.9	21
528	Tropisetron ameliorates early diabetic nephropathy in streptozotocin-induced diabetic rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015 , 42, 361-8	3	21
527	The neuroprotective effect of tropisetron on vincristine-induced neurotoxicity. <i>NeuroToxicology</i> , 2014 , 41, 1-8	4.4	21
526	Nitric oxide mediates the beneficial effect of chronic naltrexone on cholestasis-induced memory impairment in male rats. <i>Behavioural Pharmacology</i> , 2013 , 24, 195-206	2.4	21
525	Protective effects of lithium on acetic acid-induced colitis in rats. <i>Digestive Diseases and Sciences</i> , 2009 , 54, 1901-7	4	21
524	The modulatory effect of lithium on doxorubicin-induced cardiotoxicity in rat. <i>European Journal of Pharmacology</i> , 2010 , 641, 193-8	5.3	21
523	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	8.6	21
522	Rewarding properties of sildenafil citrate in mice: role of the nitric oxide-cyclic GMP pathway. <i>Psychopharmacology</i> , 2006 , 185, 201-7	4.7	21
521	Effect of anandamide on nonadrenergic noncholinergic-mediated relaxation of rat corpus cavernosum. <i>European Journal of Pharmacology</i> , 2006 , 544, 138-45	5.3	21
520	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	5	21
519	The effect of cyclosporin A on morphine tolerance and dependence: involvement of L-arginine/nitric oxide pathway. <i>European Journal of Pharmacology</i> , 2002 , 452, 67-75	5.3	21
518	Anti-inflammatory, analgesic activity and acute toxicity of <i>Glaucium grandiflorum</i> extract. <i>Journal of Ethnopharmacology</i> , 2002 , 80, 181-6	5	21
517	Cardioprotective effects of dapsone against doxorubicin-induced cardiotoxicity in rats. <i>Cancer Chemotherapy and Pharmacology</i> , 2020 , 85, 563-571	3.5	21
516	Natural products, PGC-1, and Duchenne muscular dystrophy. <i>Acta Pharmaceutica Sinica B</i> , 2020 , 10, 734-745	1.5	20
515	Protective effect of hydroalcoholic olive leaf extract on experimental model of colitis in rat: involvement of nitrenergic and opioidergic systems. <i>Phytotherapy Research</i> , 2014 , 28, 1367-73	6.7	20
514	Methadone diminishes neuroinflammation and disease severity in EAE through modulating T cell function. <i>Journal of Neuroimmunology</i> , 2013 , 255, 39-44	3.5	20
513	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	3.9	20
512	Phenobarbital versus morphine in the management of neonatal abstinence syndrome, a randomized control trial. <i>BMC Pediatrics</i> , 2015 , 15, 57	2.6	20

511	Role of nitric oxide in additive anticonvulsant effects of agmatine and morphine. <i>Physiology and Behavior</i> , 2013 , 118, 52-7	3.5	20
510	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, 122-7	3.2	20
509	Atorvastatin improved scopolamine-induced impairment in memory acquisition in mice: involvement of nitric oxide. <i>Brain Research</i> , 2011 , 1386, 89-99	3.7	20
508	Cholestasis induces apoptosis in mice cardiac cells: the possible role of nitric oxide and oxidative stress. <i>Liver International</i> , 2010 , 30, 898-905	7.9	20
507	Anti-inflammatory and anti-nociceptive activity of disodium glycyrrhetic acid hemiphthalate. <i>Planta Medica</i> , 1996 , 62, 326-8	3.1	20
506	Extremely prolonged INR associated with warfarin in combination with both trazodone and omega-3 fatty acids. <i>Archives of Medical Research</i> , 2007 , 38, 901-4	6.6	20
505	Design, synthesis, and calcium channel antagonist activity of new 1,4-dihydropyridines containing 4-(5)-chloro-2-ethyl-5-(4)-imidazolyl substituent. <i>Archiv Der Pharmazie</i> , 2006 , 339, 299-304	4.3	20
504	The role of nitric oxide in the proconvulsant effect of delta-opioid agonist SNC80 in mice. <i>Neuroscience Letters</i> , 2002 , 329, 237-9	3.3	20
503	Subsensitivity to opioids is receptor-specific in isolated guinea pig ileum and mouse vas deferens after obstructive cholestasis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2000 , 293, 946-51	4.7	20
502	Involvement of NO/NMDA-R pathway in the behavioral despair induced by amphetamine withdrawal. <i>Brain Research Bulletin</i> , 2018 , 139, 81-90	3.9	19
501	Tropisetron inhibits high glucose-induced calcineurin/NFAT hypertrophic pathway in H9c2 myocardial cells. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 485-93	4.8	19
500	Dacomitinib, a pan-inhibitor of ErbB receptors, suppresses growth and invasive capacity of chemoresistant ovarian carcinoma cells. <i>Scientific Reports</i> , 2017 , 7, 4204	4.9	19
499	Application of nanostructured lipid carriers: the prolonged protective effects for sesamol in in vitro and in vivo models of ischemic stroke via activation of PI3K signalling pathway. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2017 , 25, 25	3.9	19
498	Pioglitazone potentiates development of morphine-dependence in mice: possible role of NO/cGMP pathway. <i>Brain Research</i> , 2013 , 1510, 22-37	3.7	19
497	Tropisetron diminishes demyelination and disease severity in an animal model of multiple sclerosis. <i>Neuroscience</i> , 2013 , 248, 299-306	3.9	19
496	Estrogen pretreatment modulates morphine-induced conditioned place preference in ovariectomized mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 92, 399-403	3.9	19
495	Effects of diazinon on the activity and gene expression of mitochondrial glutamate dehydrogenase from rat pancreatic Langerhans islets. <i>Pesticide Biochemistry and Physiology</i> , 2009 , 93, 23-27	4.9	19
494	Tolerance to the anticonvulsant effect of morphine in mice: blockage by ultra-low dose naltrexone. <i>Epilepsy Research</i> , 2009 , 83, 261-4	3	19

493	Modulation by female sex hormones of the cannabinoid-induced catalepsy and analgesia in ovariectomized mice. <i>European Journal of Pharmacology</i> , 2008 , 586, 189-96	5.3	19
492	Role of Nitric Oxide in Neurodegeneration: Function, Regulation, and Inhibition. <i>Current Neuropharmacology</i> , 2021 , 19, 114-126	7.6	19
491	Role of natural products for the treatment of Alzheimer's disease. <i>European Journal of Pharmacology</i> , 2021 , 898, 173974	5.3	19
490	In-vitro and in-vivo cytotoxicity and efficacy evaluation of novel glycyl-glycine and alanyl-alanine conjugates of chitosan and trimethyl chitosan nano-particles as carriers for oral insulin delivery. <i>International Journal of Pharmaceutics</i> , 2018 , 535, 293-307	6.5	19
489	Agmatine enhances the antidepressant-like effect of lithium in mouse forced swimming test through NMDA pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 88, 931-938	7.5	18
488	Hypoxia/ischemia a key player in early post stroke seizures: modulation by opioidergic and nitroergic systems. <i>European Journal of Pharmacology</i> , 2015 , 746, 6-13	5.3	18
487	Possible involvement of nitroergic and opioidergic systems in the modulatory effect of acute chloroquine treatment on pentylentetrazole induced convulsions in mice. <i>Brain Research Bulletin</i> , 2016 , 121, 124-30	3.9	18
486	A role for opioid system in the proconvulsant effects of sildenafil on the pentylentetrazole-induced clonic seizure in mice. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011 , 20, 409-13	3.2	18
485	Involvement of the nitric oxide pathway in the anticonvulsant effect of tramadol on pentylentetrazole-induced seizures in mice. <i>Epilepsy and Behavior</i> , 2010 , 19, 290-5	3.2	18
484	Syntheses and calcium channel antagonist activity of nifedipine analogues with methylsulfonylimidazolyl substituent. <i>Pharmaceutica Acta Helvetiae</i> , 1998 , 73, 75-9		18
483	Potential of anandamide effects in mesenteric beds isolated from bile duct-ligated rats: role of nitric oxide. <i>European Journal of Pharmacology</i> , 2004 , 486, 53-9	5.3	18
482	The additive effect of opioids and nitric oxide in increasing pentylentetrazole-induced seizure threshold in cholestatic mice. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2002 , 17, 96-101	4	18
481	Effects of subacute lead acetate administration on nitric oxide and cyclooxygenase pathways in rat isolated aortic ring. <i>Pharmacological Research</i> , 2002 , 46, 31-7	10.2	18
480	The effect of the serotonergic system on opioid withdrawal-like syndrome in a mouse model of cholestasis. <i>Human Psychopharmacology</i> , 2000 , 15, 423-428	2.3	18
479	The effect of lithium on endothelial-dependent relaxation in rat isolated aorta. <i>General Pharmacology</i> , 1995 , 26, 1003-7		18
478	Beneficial effects of dapson on ischemia/reperfusion injury following torsion/detorsion in ipsilateral and contralateral testes in rat. <i>Theriogenology</i> , 2019 , 140, 136-142	2.8	17
477	Synergistic effect of rapamycin and metformin against germ cell apoptosis and oxidative stress after testicular torsion/detorsion-induced ischemia/reperfusion in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 105, 645-651	7.5	17
476	Effects of D-penicillamine on pentylentetrazole-induced seizures in mice: involvement of nitric oxide/NMDA pathways. <i>Epilepsy and Behavior</i> , 2014 , 39, 42-7	3.2	17

475	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, 94-9	5.3	17
474	The involvement of nitric oxide in the anti-seizure effect of acute atorvastatin treatment in mice. <i>Neurological Research</i> , 2012 , 34, 847-53	2.7	17
473	Chronic lithium treatment protects the rat kidney against ischemia/reperfusion injury: the role of nitric oxide and cyclooxygenase pathways. <i>European Journal of Pharmacology</i> , 2010 , 647, 171-7	5.3	17
472	Morphine pretreatment provides histologic protection against ischemia-reperfusion injury in rabbit retina. <i>Retina</i> , 2008 , 28, 511-7	3.6	17
471	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, 10-7	3.4	17
470	Cholestatic liver disease modulates susceptibility to ischemia/reperfusion-induced arrhythmia, but not necrosis and hemodynamic instability: the role of endogenous opioid peptides. <i>Journal of Hepatology</i> , 2005 , 43, 491-8	13.4	17
469	The role of opioid systems on orthodontic tooth movement in cholestatic rats. <i>Angle Orthodontist</i> , 2002 , 72, 476-80	2.6	17
468	Protective effects of modafinil administration on testicular torsion/detorsion damage in rats. <i>Experimental and Molecular Pathology</i> , 2019 , 111, 104305	4.4	16
467	The antidepressant effects of GM-CSF are mediated by the reduction of TLR4/NF- κ B-induced IDO expression. <i>Journal of Neuroinflammation</i> , 2019 , 16, 117	10.1	16
466	Involvement of NO/cGMP pathway in the antidepressant-like effect of gabapentin in mouse forced swimming test. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016 , 389, 393-402	3.4	16
465	Involvement of nitric oxide in serotonin-induced scratching in mice. <i>Clinical and Experimental Dermatology</i> , 2015 , 40, 647-52	1.8	16
464	Involvement of nitric oxide in pioglitazone memory improvement in morphine-induced memory impaired mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 313-21	3.9	16
463	Alteration in male reproductive system in experimental cholestasis: roles for opioids and nitric oxide overproduction. <i>European Journal of Pharmacology</i> , 2009 , 615, 246-51	5.3	16
462	The interaction of sildenafil with the anticonvulsant effect of diazepam. <i>European Journal of Pharmacology</i> , 2009 , 617, 79-83	5.3	16
461	Tamoxifen disrupts consolidation and retrieval of morphine-associated contextual memory in male mice: interaction with estradiol. <i>Psychopharmacology</i> , 2009 , 204, 191-201	4.7	16
460	Antinociceptive effect of chronic lithium on visceral hypersensitivity in a rat model of diarrhea-predominant irritable bowel syndrome: The role of nitric oxide pathway. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2009 , 24, 672-80	4	16
459	Alteration of rat submandibular gland secretion of protein, calcium and N-acetyl-beta-D-glucosaminidase activity by lead. <i>General Pharmacology</i> , 1997 , 29, 675-80		16
458	Matrix metalloproteinase 2 secretion in WEHI 164 fibrosarcoma cells is nitric oxide-related and modified by morphine. <i>European Journal of Pharmacology</i> , 2006 , 530, 33-9	5.3	16

457	Role of nitric oxide in the gastro-protective effect of lithium. <i>Pathophysiology</i> , 2006 , 13, 85-9	1.8	16
456	Intestinal inflammation alters the susceptibility to pentylenetetrazole-induced seizure in mice. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2004 , 19, 270-7	4	16
455	Lithium inhibits the development of physical dependence to clonidine in mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2002 , 90, 89-93		16
454	Obstructive cholestasis alters intestinal transit in mice: role of opioid system. <i>Life Sciences</i> , 2004 , 76, 397-406	6.8	16
453	A comparison of ketorolac tromethamine and acetaminophen codeine in the management of acute apical periodontitis. <i>Journal of Endodontics</i> , 1999 , 25, 257-9	4.7	16
452	Effects of lithium on rat parotid and submandibular gland functions. <i>General Pharmacology</i> , 1995 , 26, 851-4		16
451	A study on OPG/RANK/RANKL axis in osteoporotic bile duct-ligated rats and the involvement of nitrenergic and opioidergic systems. <i>Research in Pharmaceutical Sciences</i> , 2018 , 13, 239-249	2.6	16
450	Tropisetron suppresses colitis-associated cancer in a mouse model in the remission stage. <i>International Immunopharmacology</i> , 2016 , 36, 9-16	5.8	16
449	The modulatory effect of nitric oxide in pro- and anti-convulsive effects of vasopressin in PTZ-induced seizures threshold in mice. <i>Epilepsy Research</i> , 2016 , 126, 134-40	3	16
448	Involvement of opioid system in behavioral despair induced by social isolation stress in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 938-944	7.5	16
447	The anticonvulsant activity and cerebral protection of chronic lithium chloride via NMDA receptor/nitric oxide and phospho-ERK. <i>Brain Research Bulletin</i> , 2018 , 137, 1-9	3.9	16
446	Genistein modulation of seizure: involvement of estrogen and serotonin receptors. <i>Journal of Natural Medicines</i> , 2017 , 71, 537-544	3.3	15
445	The ERBB receptor inhibitor dacomitinib suppresses proliferation and invasion of pancreatic ductal adenocarcinoma cells. <i>Cellular Oncology (Dordrecht)</i> , 2019 , 42, 491-504	7.2	15
444	A COX/5-LOX Inhibitor Licofelone Revealed Anticonvulsant Properties Through iNOS Diminution in Mice. <i>Neurochemical Research</i> , 2015 , 40, 1819-28	4.6	15
443	Targeting mTORs by omega-3 fatty acids: A possible novel therapeutic strategy for neurodegeneration?. <i>Pharmacological Research</i> , 2018 , 135, 37-48	10.2	15
442	Effects of Modafinil on Clonic Seizure Threshold Induced by Pentylenetetrazole in Mice: Involvement of Glutamate, Nitric oxide, GABA, and Serotonin Pathways. <i>Neurochemical Research</i> , 2018 , 43, 2025-2037	4.6	15
441	The increased gastroprotective effect of pioglitazone in cholestatic rats: role of nitric oxide and tumour necrosis factor alpha. <i>International Journal of Experimental Pathology</i> , 2014 , 95, 78-85	2.8	15
440	Involvement of NMDA receptors in the beneficial effects of pioglitazone on scopolamine-induced memory impairment in mice. <i>Behavioural Brain Research</i> , 2012 , 231, 138-45	3.4	15

439	Cirrhosis is associated with development of tolerance to cardiac chronotropic effect of endotoxin in rats. <i>Liver International</i> , 2013 , 33, 368-74	7.9	15
438	Endogenous opioids modulate hepatocyte apoptosis in a rat model of chronic cholestasis: the role of oxidative stress. <i>Liver International</i> , 2007 , 27, 538-47	7.9	15
437	Stabilizing effects of calcium alginate microspheres on Mycobacterium bovis BCG intended for oral vaccination. <i>Journal of Microencapsulation</i> , 2006 , 23, 844-54	3.4	15
436	Pharmacologic preconditioning of random-pattern skin flap in rats using local cyclosporine and FK-506: interaction with nitric oxide system. <i>Annals of Plastic Surgery</i> , 2007 , 59, 435-40	1.7	15
435	Effect of dantrolene sodium on the contractility of rabbit jejunum in vitro. <i>European Journal of Pharmacology</i> , 1981 , 70, 287-92	5.3	15
434	Interaction of morphine tolerance with pentylentetrazole-induced seizure threshold in mice: The role of NMDA-receptor/NO pathway. <i>Epilepsy and Behavior</i> , 2020 , 112, 107343	3.2	15
433	Atorvastatin attenuates the antinociceptive tolerance of morphine via nitric oxide dependent pathway in male mice. <i>Brain Research Bulletin</i> , 2016 , 125, 173-80	3.9	15
432	Protective effects of magnesium sulfate against doxorubicin induced cardiotoxicity in rats. <i>Life Sciences</i> , 2018 , 207, 436-441	6.8	15
431	Peroxisome Proliferator-Activated Receptor- α Inhibition Protects Against Doxorubicin-Induced Cardiotoxicity in Mice. <i>Cardiovascular Toxicology</i> , 2016 , 16, 244-50	3.4	14
430	Protective effect of minocycline on LPS-induced mitochondrial dysfunction and decreased seizure threshold through nitric oxide pathway. <i>European Journal of Pharmacology</i> , 2019 , 858, 172446	5.3	14
429	Thymol reduces acetic acid-induced inflammatory response through inhibition of NF- κ B signaling pathway in rat colon tissue. <i>Inflammopharmacology</i> , 2019 , 27, 1275-1283	5.1	14
428	Sumatriptan protects against myocardial ischaemia-reperfusion injury by inhibition of inflammation in rat model. <i>Inflammopharmacology</i> , 2019 , 27, 1071-1080	5.1	14
427	5-HT ₃ receptors antagonists reduce serotonin-induced scratching in mice. <i>Fundamental and Clinical Pharmacology</i> , 2015 , 29, 310-5	3.1	14
426	The effects of intra-dorsal hippocampus infusion of pregnenolone sulfate on memory function and hippocampal BDNF mRNA expression of biliary cirrhosis-induced memory impairment in rats. <i>Neuroscience</i> , 2015 , 306, 1-9	3.9	14
425	Minocycline Attenuates Depressive-Like Behaviour Induced by Rat Model of Testicular Torsion: Involvement of Nitric Oxide Pathway. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 118, 249-58	3.1	14
424	Dapsone reduced acetic acid-induced inflammatory response in rat colon tissue through inhibition of NF- κ B signaling pathway. <i>Immunopharmacology and Immunotoxicology</i> , 2019 , 41, 607-613	3.2	14
423	Therapeutic potential of cannabinoids in counteracting chemotherapy-induced adverse effects: an exploratory review. <i>Phytotherapy Research</i> , 2015 , 29, 332-8	6.7	14
422	Sub-chronic treatment with pioglitazone exerts anti-convulsant effects in pentylentetrazole-induced seizures of mice: The role of nitric oxide. <i>Brain Research Bulletin</i> , 2012 , 87, 544-50	3.9	14

421	The cardioprotective effects of an antiemetic drug, tropisetron, on cardiomyopathy related to doxorubicin. <i>Cardiovascular Toxicology</i> , 2012 , 12, 318-25	3.4	14
420	Additive anticonvulsant effects of agmatine and lithium chloride on pentylenetetrazole-induced clonic seizure in mice: involvement of β -adrenoceptor. <i>European Journal of Pharmacology</i> , 2011 , 666, 93-9	5.3	14
419	Study of morphine-induced dependence in gonadectomized male and female mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 91, 604-9	3.9	14
418	Rapid method for the determination of piroxicam in rat plasma using high-performance liquid chromatography. <i>Biomedical Applications</i> , 1997 , 696, 317-9		14
417	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, 300-5	5.3	14
416	Dose-dependent modulation of systemic lipid peroxidation and activity of anti-oxidant enzymes by vitamin E in the rat. <i>Redox Report</i> , 2008 , 13, 60-6	5.9	14
415	Anandamide improves the impaired nitric oxide-mediated neurogenic relaxation of the corpus cavernosum in diabetic rats: involvement of cannabinoid CB1 and vanilloid VR1 receptors. <i>BJU International</i> , 2007 , 100, 1385-90	5.6	14
414	Resistance of cholestatic rats against epinephrine-induced arrhythmia: the role of nitric oxide and endogenous opioids. <i>European Journal of Pharmacology</i> , 2004 , 499, 307-13	5.3	14
413	On the relation of calcium channel blockers to rat parotid and submandibular glands function in vivo. <i>General Pharmacology</i> , 1995 , 26, 619-22		14
412	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	1.8	14
411	Transforming Growth Factor Beta-Induced Factor 2-Linked X (TGIF2LX) Regulates Two Morphogenesis Genes, Nir1 and Nir2 in Human Colorectal. <i>Acta Medica Iranica</i> , 2016 , 54, 302-7		14
410	Current insights into pathogenesis of Parkinson's disease: Approach to mevalonate pathway and protective role of statins. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 90, 724-730	7.5	13
409	Protective effects of lithium chloride on seizure susceptibility: Involvement of β -adrenoceptor. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 133, 37-42	3.9	13
408	Beyond the 5-HT ₃ receptors: A role for α nACh receptors in neuroprotective aspects of tropisetron. <i>Human and Experimental Toxicology</i> , 2015 , 34, 922-31	3.4	13
407	Morphine modulates the effects of histamine H ₁ and H ₃ receptors on seizure susceptibility in pentylenetetrazole-induced seizure model of mice. <i>European Journal of Pharmacology</i> , 2015 , 769, 43-7	5.3	13
406	Inhibition of calcineurin/NFAT pathway plays an essential role in renoprotective effect of tropisetron in early stage of diabetic nephropathy. <i>European Journal of Pharmacology</i> , 2015 , 767, 152-9	5.3	13
405	Sumatriptan effects on morphine-induced antinociceptive tolerance and physical dependence: The role of nitric oxide. <i>European Journal of Pharmacology</i> , 2018 , 835, 52-60	5.3	13
404	Anti-pruritic activity of pioglitazone on serotonin-induced scratching in mice: possible involvement of PPAR-gamma receptor and nitric oxide. <i>European Journal of Pharmacology</i> , 2014 , 744, 103-7	5.3	13

403	The effect of endotoxin on the controllability of cardiac rhythm in rats. <i>Physiological Measurement</i> , 2014 , 35, 339-49	2.9	13
402	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, 427-33	1.1	13
401	The role of α 7 nicotinic acetylcholine receptor in modulation of heart rate dynamics in endotoxemic rats. <i>PLoS ONE</i> , 2013 , 8, e82251	3.7	13
400	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, 53-8	3.2	13
399	Opioid receptor antagonist promotes angiogenesis in bile duct ligated rats. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2009 , 24, 1226-9	4	13
398	Aminoguanidine improves epididymal sperm parameters in varicocele rats. <i>Urologia Internationalis</i> , 2011 , 86, 302-6	1.9	13
397	Effects of intravitreal morphine administered at different time points after reperfusion in a rabbit model of ischemic retinopathy. <i>Retina</i> , 2009 , 29, 262-8	3.6	13
396	Role of nitric oxide in the anticonvulsive effect of progesterone. <i>Epilepsy and Behavior</i> , 2008 , 13, 579-84	3.2	13
395	Homocysteine alterations in experimental cholestasis and its subsequent cirrhosis. <i>Life Sciences</i> , 2005 , 76, 2497-512	6.8	13
394	Differential contribution of cholecystokinin receptors to stress-induced modulation of seizure and nociception thresholds in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2004 , 78, 209-15	3.9	13
393	Effect of light/dark cycle alteration on morphine-induced conditioned place preference. <i>NeuroReport</i> , 2005 , 16, 2051-6	1.7	13
392	Contribution of endogenous opioids and nitric oxide to papillary muscle contractile impairment in cholestatic rats. <i>European Journal of Pharmacology</i> , 2005 , 523, 93-100	5.3	13
391	Effects of chronic lithium pretreatment on apomorphine-induced penile erection. <i>General Pharmacology</i> , 1995 , 26, 1015-20		13
390	Sumatriptan Increases Skin Flap Survival through Activation of 5-Hydroxytryptamine 1b/1d Receptors in Rats: The Mediating Role of the Nitric Oxide Pathway. <i>Plastic and Reconstructive Surgery</i> , 2019 , 144, 70e-77e	2.7	13
389	Effects of oleuropein on pentylenetetrazol-induced seizures in mice: involvement of opioidergic and nitrenergic systems. <i>Journal of Natural Medicines</i> , 2017 , 71, 389-396	3.3	12
388	NMDA receptor antagonists attenuate the proconvulsant effect of juvenile social isolation in male mice. <i>Brain Research Bulletin</i> , 2016 , 121, 158-68	3.9	12
387	Silymarin-albumin nanoplex: Preparation and its potential application as an antioxidant in nervous system in vitro and in vivo. <i>International Journal of Pharmaceutics</i> , 2019 , 572, 118824	6.5	12
386	Does hepatic vagus nerve modulate the progression of biliary fibrosis in rats?. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014 , 185, 67-75	2.4	12

- 385 Administration of lithium and magnesium chloride inhibited tolerance to the anticonvulsant effect of morphine on pentylenetetrazole-induced seizures in mice. *Epilepsy and Behavior*, **2010**, 19, 568-74 3.2 12
- 384 Inhibition by lithium of opioid withdrawal-like syndrome and physical dependency in a model of acute cholestasis in mice. *Human Psychopharmacology*, **1998**, 13, 407-412 2.3 12
- 383 Elevation of pentylenetetrazole-induced seizure threshold in cholestatic mice: interaction between opioid and cannabinoid systems. *Journal of Gastroenterology and Hepatology (Australia)*, **2008**, 23, e251-4 12
- 382 Preconditioning with acute and chronic lithium administration reduces ischemia/reperfusion injury mediated by cyclooxygenase not nitric oxide synthase pathway in isolated rat heart. *European Journal of Pharmacology*, **2008**, 597, 57-63 5.3 12
- 381 Opioid system blockade decreases collagenase activity and improves liver injury in a rat model of cholestasis. *Journal of Gastroenterology and Hepatology (Australia)*, **2007**, 22, 406-13 4 12
- 380 Melatonin enhances the rewarding properties of morphine: involvement of the nitric oxidergic pathway. *Journal of Pineal Research*, **2007**, 42, 323-9 10.4 12
- 379 Paradoxical dose- and time-dependent regulation of superoxide dismutase and antioxidant capacity by vitamin E in rat. *Clinica Chimica Acta*, **2006**, 365, 153-9 6.2 12
- 378 Involvement of nitric oxide system in enhancement of morphine-induced conditioned place preference by agmatine in male mice. *Neuroscience Letters*, **2006**, 399, 234-9 3.3 12
- 377 ATP-sensitive potassium channels mediate the anti-ischemic properties of ischemic and pharmacologic preconditioning in rat random-pattern skin flap. *Annals of Plastic Surgery*, **2006**, 57, 94-9 1.7 12
- 376 Involvement of endogenous opioid peptides and nitric oxide in the blunted chronotropic and inotropic responses to beta-adrenergic stimulation in cirrhotic rats. *Fundamental and Clinical Pharmacology*, **2006**, 20, 461-71 3.1 12
- 375 The involvement of nitric oxide in the antinociception induced by cyclosporin A in mice. *Pharmacology Biochemistry and Behavior*, **2002**, 72, 267-72 3.9 12
- 374 Uric acid: a novel treatment strategy for multiple sclerosis. *Trends in Pharmacological Sciences*, **2003**, 24, 563-4; author reply 564-5 13.2 12
- 373 Effect of cyclosporin A on morphine-induced place conditioning in mice: involvement of nitric oxide. *European Journal of Pharmacology*, **2005**, 507, 107-15 5.3 12
- 372 Time-dependent reduction of acetylcholine-induced relaxation in aortic rings of cholestatic rats. *Pharmacological Research*, **2001**, 44, 519-25 10.2 12
- 371 In vitro binding of dantrolene to sarcoplasmic reticulum of rabbit skeletal muscle. *Biochemical Pharmacology*, **1982**, 31, 965-8 6 12
- 370 Fresh red blood cells transfusion protects against aluminum phosphide-induced metabolic acidosis and mortality in rats. *PLoS ONE*, **2018**, 13, e0193991 3.7 12
- 369 Clonidine attenuates naloxone-induced opioid-withdrawal syndrome in cholestatic mice. *Basic and Clinical Pharmacology and Toxicology*, **2001**, 89, 129-32 12
- 368 Involvement of central opioid receptors in protective effects of methadone on experimental colitis in rats. *Inflammopharmacology*, **2018**, 26, 1399-1413 5.1 12

367	Possible involvement of ATP-sensitive potassium channels in the antidepressant-like effects of gabapentin in mouse forced swimming test. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017 , 95, 795-802	2.4	11
366	Peripheral NMDA Receptor/NO System Blockage Inhibits Itch Responses Induced by Chloroquine in Mice. <i>Acta Dermato-Venereologica</i> , 2017 , 97, 571-577	2.2	11
365	Biphasic effect of sumatriptan on PTZ-induced seizures in mice: Modulation by 5-HT _{1B/D} receptors and NOS/NO pathway. <i>European Journal of Pharmacology</i> , 2018 , 824, 140-147	5.3	11
364	Anticonvulsant effect of dextrometorphane on pentylenetetrazole-induced seizures in mice: Involvement of nitric oxide and N-methyl-D-aspartate receptors. <i>Epilepsy and Behavior</i> , 2016 , 65, 49-55	3.2	11
363	Alterations in the intrinsic electrophysiological properties of Purkinje neurons in a rat model of hepatic encephalopathy: Relative preventing effect of PPAR α agonist. <i>Brain Research Bulletin</i> , 2016 , 121, 16-25	3.9	11
362	Naltrexone attenuates endoplasmic reticulum stress induced hepatic injury in mice. <i>Acta Physiologica Hungarica</i> , 2014 , 101, 341-52		11
361	Generating local amyloidosis in mice by the subcutaneous injection of human insulin amyloid fibrils. <i>Experimental and Therapeutic Medicine</i> , 2014 , 8, 405-408	2.1	11
360	Thalidomide attenuates the development and expression of antinociceptive tolerance to opioid agonist morphine through L-arginine-iNOS and nitric oxide pathway. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 85, 493-502	7.5	11
359	Resistance to depression through interference of opioid and nitroergic systems in bile-duct ligated mice. <i>European Journal of Pharmacology</i> , 2013 , 708, 38-43	5.3	11
358	Nitric oxide involvement in consolidation, but not retrieval phase of cognitive performance enhanced by atorvastatin in mice. <i>European Journal of Pharmacology</i> , 2011 , 666, 122-30	5.3	11
357	Inhibition of serum angiotensin-converting enzyme in rabbits after intravenous administration of enalaprilat-loaded intact erythrocytes. <i>Journal of Pharmacy and Pharmacology</i> , 2001 , 53, 1281-6	4.8	11
356	Effect of pioglitazone on sciatic nerve ischemia/reperfusion injury in rats. <i>Pediatric Neurosurgery</i> , 2009 , 45, 126-31	0.9	11
355	Enhancement of aspirin-induced gastric damage by cholestasis in rats. <i>Fundamental and Clinical Pharmacology</i> , 1998 , 12, 442-5	3.1	11
354	The effect of lithium chloride on morphine-induced tolerance and dependence in isolated guinea pig ileum. <i>European Journal of Pharmacology</i> , 2006 , 545, 123-8	5.3	11
353	Inhibition of gentamicin-induced nephrotoxicity by lithium in rat. <i>Histology and Histopathology</i> , 1993 , 8, 139-47	1.4	11
352	Nitroergic and opioidergic systems affect radiographic density and histomorphometric indices in bile-duct-ligated cirrhotic rats. <i>Histology and Histopathology</i> , 2017 , 32, 743-749	1.4	11
351	Rapamycin protects testes against germ cell apoptosis and oxidative stress induced by testicular ischemia-reperfusion. <i>Iranian Journal of Basic Medical Sciences</i> , 2017 , 20, 905-911	1.8	11
350	Biochemical and histopathological evidence for the beneficial effects of modafinil on the rat model of inflammatory bowel disease: involvement of nitric oxide pathway. <i>Pharmacological Reports</i> , 2020 , 72, 135-146	3.9	11

349	Lithium attenuates the proconvulsant effect of adolescent social isolation stress via involvement of the nitrenergic system. <i>Epilepsy and Behavior</i> , 2016 , 61, 6-13	3.2	11
348	Targeting STATs in neuroinflammation: The road less traveled!. <i>Pharmacological Research</i> , 2019 , 141, 73-84	10.2	11
347	Nortriptyline protects testes against germ cell apoptosis and oxidative stress induced by testicular ischaemia/reperfusion. <i>Andrologia</i> , 2017 , 49, e12605	2.4	10
346	Therapeutic effects of modafinil in ischemic stroke; possible role of NF- κ B downregulation. <i>Immunopharmacology and Immunotoxicology</i> , 2019 , 41, 558-564	3.2	10
345	Prostaglandin F $_{2\alpha}$ modulates atrial chronotropic hyporesponsiveness to cholinergic stimulation in endotoxemic rats. <i>European Journal of Pharmacology</i> , 2015 , 748, 149-56	5.3	10
344	Nitric oxide involvement in additive antidepressant-like effect of agmatine and lithium in mice forced swim test. <i>Psychiatry Research</i> , 2018 , 266, 262-268	9.9	10
343	Morphine Attenuated the Cytotoxicity Induced by Arsenic Trioxide in H9c2 Cardiomyocytes. <i>Biological Trace Element Research</i> , 2016 , 173, 132-9	4.5	10
342	Activation of central muscarinic receptor type 1 prevents development of endotoxin tolerance in rat liver. <i>European Journal of Pharmacology</i> , 2014 , 740, 436-41	5.3	10
341	Possible involvement of nitric oxide in antidepressant-like effect of silymarin in male mice. <i>Pharmaceutical Biology</i> , 2015 , 53, 739-45	3.8	10
340	Protective effect of pharmacologic preconditioning with pioglitazone on random-pattern skin flap in rat is mediated by nitric oxide system. <i>Journal of Surgical Research</i> , 2012 , 176, 696-700	2.5	10
339	Morphine sensitization in the pentylene tetrazole-induced clonic seizure threshold in mice: role of nitric oxide and μ receptors. <i>Epilepsy and Behavior</i> , 2011 , 20, 602-6	3.2	10
338	Cyclosporine attenuates the adenylyl cyclase superactivation induced by chronic cannabinoid treatment. <i>European Journal of Pharmacology</i> , 2007 , 557, 20-2	5.3	10
337	Opioid receptor blockade improves mesenteric responsiveness in biliary cirrhosis. <i>Digestive Diseases and Sciences</i> , 2008 , 53, 3007-11	4	10
336	The effect of cyclosporine on the development and expression of cannabinoid tolerance in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 82, 658-63	3.9	10
335	Evidences for involvement of nitric oxide in the gastroprotective effect of bromocriptine and cyclosporin A on water immersion stress-induced gastric lesions. <i>Pharmacological Research</i> , 2002 , 46, 519-23	10.2	10
334	Increase by NO synthase inhibitor of lead-induced release of N-acetyl-beta-D-glucosaminidase from perfused rat kidney. <i>Toxicology</i> , 1999 , 132, 119-25	4.4	10
333	Pharmacological study of the anococcygeus muscle of the dog. <i>British Journal of Pharmacology</i> , 1980 , 71, 35-40	8.6	10
332	Effect of glatiramer acetate on short-term memory impairment induced by lipopolysaccharide in male mice. <i>Fundamental and Clinical Pharmacology</i> , 2016 , 30, 347-56	3.1	10

331	The role of medicinal products in the treatment of inflammatory bowel diseases (IBD) through inhibition of TLR4/NF-kappaB pathway. <i>Phytotherapy Research</i> , 2021 , 35, 835-845	6.7	10
330	Thalidomide attenuates development of morphine dependence in mice by inhibiting PI3K/Akt and nitric oxide signaling pathways. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 82, 39-48	5.5	10
329	Alteration in membrane protein, antioxidant status and hexokinase activity in erythrocytes of CCL4-induced cirrhotic rats. <i>Acta Medica Iranica</i> , 2014 , 52, 795-803		10
328	Anticonvulsant Effects of Aerial Parts of Verbena officinalis Extract in Mice: Involvement of Benzodiazepine and Opioid Receptors. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2017 , 22, 632-636		9
327	Estimation of Anti-inflammatory and Analgesic Effects of Topical NANOCEN (Nanoliposomal Arthrocen) on Mice. <i>AAPS PharmSciTech</i> , 2019 , 20, 233	3.9	9
326	Bupropion Ameliorates Acetic Acid-Induced Colitis in Rat: the Involvement of the TLR4/NF-kB Signaling Pathway. <i>Inflammation</i> , 2020 , 43, 1999-2009	5.1	9
325	Attenuation of serotonin-induced itch by sumatriptan: possible involvement of endogenous opioids. <i>Archives of Dermatological Research</i> , 2018 , 310, 165-172	3.3	9
324	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, 291-6	3.2	9
323	17 β -ethinyl estradiol attenuates depressive-like behavior through GABAA receptor activation/nitric oxide pathway blockade in ovariectomized mice. <i>Psychopharmacology</i> , 2016 , 233, 1467-85	4.7	9
322	Protective effects of sumatriptan on ischaemia/reperfusion injury following torsion/detorsion in ipsilateral and contralateral testes of rat. <i>Andrologia</i> , 2019 , 51, e13358	2.4	9
321	Quercetin improves bone strength in experimental biliary cirrhosis. <i>Hepatology Research</i> , 2013 , 43, 394-400	4.0	9
320	Levosimendan exerts anticonvulsant properties against PTZ-induced seizures in mice through activation of nNOS/NO pathway: Role for K channel. <i>Life Sciences</i> , 2017 , 168, 38-46	6.8	9
319	Proconvulsant effect of post-weaning social isolation stress may be associated with dysregulation of opioid system in the male mice. <i>Medical Hypotheses</i> , 2015 , 84, 445-7	3.8	9
318	The role of β -adrenoceptors in the anti-convulsant effects of cannabinoids on pentylenetetrazole-induced seizure threshold in mice. <i>European Journal of Pharmacology</i> , 2013 , 714, 1-6	5.3	9
317	Cardiovascular abnormalities in obstructive cholestasis: the possible mechanisms. <i>Liver International</i> , 2013 , 33, 7-15	7.9	9
316	Sucrose-induced analgesia in mice: role of nitric oxide and opioid receptor-mediated system. <i>Indian Journal of Pharmacology</i> , 2013 , 45, 593-6	2.5	9
315	Cholestasis induced nephrotoxicity: the role of endogenous opioids. <i>Life Sciences</i> , 2010 , 86, 488-92	6.8	9
314	Gadolinium chloride, a Kupffer cell inhibitor, attenuates hepatic injury in a rat model of chronic cholestasis. <i>Human and Experimental Toxicology</i> , 2011 , 30, 1804-10	3.4	9

313	Alterations of bromocriptine-induced penile erection by chronic lithium in rats. <i>Journal of Psychopharmacology</i> , 1996 , 10, 157-61	4.6	9
312	Seizure susceptibility alteration following reversible cholestasis in mice: Modulation by opioids and nitric oxide. <i>European Journal of Pharmacology</i> , 2008 , 580, 322-8	5.3	9
311	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, 152-9	5	9
310	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, 432-9	13.4	9
309	Involvement of nitrenergic and opioidergic systems in the hypothermia induced by cholestasis in rats. <i>Pathophysiology</i> , 2006 , 13, 227-32	1.8	9
308	Risk factors of thyroid abnormalities in bipolar patients receiving lithium: a case control study. <i>BMC Psychiatry</i> , 2003 , 3, 4	4.2	9
307	Role of opioid and nitric oxide systems in the nonadrenergic noncholinergic-mediated relaxation of corpus cavernosum in bile duct-ligated rats. <i>European Journal of Pharmacology</i> , 2003 , 460, 201-7	5.3	9
306	Densitometric evaluation of skull and jaw bones after administration of thyroid hormones in rats. <i>Dentomaxillofacial Radiology</i> , 2005 , 34, 332-6	3.9	9
305	Synthesis and pharmacological activity of thebaine-derived mu-opioid receptor agonists. <i>Pharmaceutica Acta Helveticae</i> , 1999 , 73, 251-4		9
304	Effects of cyclosporine A on the functions of submandibular and parotid glands of rats. <i>General Pharmacology</i> , 1996 , 27, 887-90		9
303	Pantoprazole, a proton pump inhibitor, increases orthodontic tooth movement in rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2014 , 17, 448-53	1.8	9
302	A Wound Healing Formulation Based on Iranian Traditional Medicine and Its HPTLC Fingerprint. <i>Iranian Journal of Pharmaceutical Research</i> , 2016 , 15, 149-157	1.1	9
301	Anticonvulsant effect of melatonin through ATP-sensitive channels in mice. <i>Fundamental and Clinical Pharmacology</i> , 2020 , 34, 148-155	3.1	9
300	Sumatriptan reduces severity of status epilepticus induced by lithium-pilocarpine through nitrenergic transmission and 5-HT receptors in rats: A pharmacological-based evidence. <i>Fundamental and Clinical Pharmacology</i> , 2021 , 35, 131-140	3.1	9
299	Erythrocytes Membrane Alterations Reflecting Liver Damage in CCl ₄ Induced Cirrhotic Rats: The Ameliorative Effect of Naltrexone. <i>Acta Medica Iranica</i> , 2016 , 54, 631-639		9
298	The protective effect of modafinil on vincristine-induced peripheral neuropathy in rats: A possible role for TRPA1 receptors. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020 , 127, 405-418	3.1	8
297	Comparison of multiple doses of cyclosporine A on germ cell apoptosis and epididymal sperm parameters after testicular ischemia/reperfusion in rats. <i>Experimental and Molecular Pathology</i> , 2019 , 110, 104271	4.4	8
296	Inhibition of ovalbumin-induced allergic rhinitis by sumatriptan through the nitric oxide pathway in mice. <i>Life Sciences</i> , 2019 , 236, 116901	6.8	8

295	Modulatory effect of opioid ligands on status epilepticus and the role of nitric oxide pathway. <i>Epilepsy and Behavior</i> , 2019 , 101, 106563	3.2	8
294	Muscimol delays lipopolysaccharide-induced preterm delivery in mice: role of GABA(A) receptors and nitric oxide. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013 , 26, 36-43	2	8
293	Effect of morphine on the reduced uteroplacental perfusion model of pre-eclampsia in rats. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013 , 168, 161-6	2.4	8
292	Sildenafil attenuates TNBS-induced colitis in rats: possible involvement of cGMP and KATP channels. <i>Fundamental and Clinical Pharmacology</i> , 2012 , 26, 190-3	3.1	8
291	Aqueous humor nitric oxide in patients with central retinal vein occlusion. <i>Nitric Oxide - Biology and Chemistry</i> , 2010 , 23, 332-4	5	8
290	Protective effects of immunophilin ligands on testicular torsion/detorsion damage in rats. <i>International Urology and Nephrology</i> , 2009 , 41, 93-9	2.3	8
289	The effect of concurrent administration of psychotropic drugs and lithium on lithium ratio in bipolar patients. <i>Human Psychopharmacology</i> , 1998 , 13, 29-34	2.3	8
288	Antagonism of muscarinic M1 receptors by dicyclomine inhibits the consolidation of morphine-associated contextual memory. <i>Brain Research Bulletin</i> , 2008 , 76, 380-7	3.9	8
287	Alteration in specific opioid-receptor labeling on peripheral blood leukocytes of bile duct-ligated rat. <i>Pathophysiology</i> , 2006 , 13, 111-7	1.8	8
286	N,N-Diethyl N-Methyl Chitosan as an Enhancing Agent for Colon Drug Delivery. <i>Journal of Bioactive and Compatible Polymers</i> , 2004 , 19, 421-433	2	8
285	Inhibition by immunophilin ligands of morphine-induced tolerance and dependence in guinea pig ileum. <i>European Journal of Pharmacology</i> , 2003 , 467, 205-10	5.3	8
284	alpha2-Adrenoceptor subsensitivity in mesenteric vascular bed of cholestatic rats: the role of nitric oxide and endogenous opioids. <i>European Journal of Pharmacology</i> , 2005 , 514, 183-9	5.3	8
283	Comparison of the effect of levodopa and bromocriptine on naloxone-precipitated morphine withdrawal symptoms in mice. <i>Human Psychopharmacology</i> , 2000 , 15, 95-101	2.3	8
282	Doxorubicin-Induced Cardiotoxicity: An Overview on Pre-clinical Therapeutic Approaches.. <i>Cardiovascular Toxicology</i> , 2022 , 22, 292	3.4	8
281	The effect of spinally administered WIN 55,212-2, a cannabinoid agonist, on thermal pain sensitivity in diabetic rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2016 , 19, 394-401	1.8	8
280	Anticonvulsant Effects of Lippia citriodora (Verbenaceae) Leaves Ethanolic Extract in Mice: Role of GABAergic System. <i>International Journal of Preventive Medicine</i> , 2016 , 7, 97	1.6	8
279	Novel fused 1,2,3-triazolo-benzodiazepine derivatives as potent anticonvulsant agents: design, synthesis, in vivo, and in silico evaluations. <i>Molecular Diversity</i> , 2020 , 24, 179-189	3.1	8
278	Inhibition of bromodomain and extraterminal domain reduces growth and invasive characteristics of chemoresistant ovarian carcinoma cells. <i>Anti-Cancer Drugs</i> , 2018 , 29, 1011-1020	2.4	8

277	Anti-tumor activity of neratinib, a pan-HER inhibitor, in gastric adenocarcinoma cells. <i>European Journal of Pharmacology</i> , 2019 , 863, 172705	5.3	7
276	Nitric oxide and glutamate are contributors of anti-seizure activity of rubidium chloride: A comparison with lithium. <i>Neuroscience Letters</i> , 2019 , 708, 134349	3.3	7
275	Injection of insulin amyloid fibrils in the hippocampus of male Wistar rats: report on memory impairment and formation of amyloid plaques. <i>Neurological Sciences</i> , 2015 , 36, 1411-6	3.5	7
274	Anticonvulsant effect of minocycline on pentylenetetrazole-induced seizure in mice: involvement of nitric oxide and N-methyl-d-aspartate receptor. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018 , 96, 742-750	2.4	7
273	Evidence for the involvement of nitric oxide in cholestasis-induced itch associated response in mice. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 1367-1374	7.5	7
272	Development of Molecularly Imprinted Olanzapine Nano-particles: In Vitro Characterization and In Vivo Evaluation. <i>AAPS PharmSciTech</i> , 2016 , 17, 1457-1467	3.9	7
271	Licofelone Attenuates LPS-induced Depressive-like Behavior in Mice: A Possible Role for Nitric Oxide. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018 , 21, 184-194	3.4	7
270	Structure and function of anhydride-modified forms of human insulin: In silico, in vitro and in vivo studies. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 96, 342-350	5.1	7
269	The effect of endotoxin on heart rate dynamics in diabetic rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015 , 189, 83-6	2.4	7
268	Ser/ Thr residues at B/B loop of G β are important in morphine-induced adenylyl cyclase sensitization but not mitogen-activated protein kinase phosphorylation. <i>FEBS Journal</i> , 2012 , 279, 650-60	5.7	7
267	Lithium improves regeneration after sciatic nerve traumatic injury in rat. <i>Journal of Reconstructive Microsurgery</i> , 2009 , 25, 151	2.5	7
266	Inhibition by lithium of the nitrenergic relaxation of rat anococcygeus muscle. <i>Nitric Oxide - Biology and Chemistry</i> , 2009 , 20, 31-8	5	7
265	Chronic upregulation of the endogenous opioid system impairs the skin flap survival in rats. <i>Annals of Plastic Surgery</i> , 2009 , 63, 558-63	1.7	7
264	Role of nitric oxide in hypodipsia of rats with obstructive cholestasis. <i>Journal of Pharmacy and Pharmacology</i> , 2001 , 53, 277-81	4.8	7
263	LEAD DETERMINATION IN PAROTID AND SUBMANDIBULAR SALIVAS AND WHOLE BLOOD IN RAT. <i>Toxic Substance Mechanisms</i> , 1997 , 16, 327-335		7
262	Calcium release by diltiazem from isolated sarcoplasmic reticulum of rabbit skeletal muscle. <i>General Pharmacology</i> , 1998 , 31, 463-8		7
261	The lithium ratio and the incidence of side effects. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1998 , 22, 959-70	5.5	7
260	Modulated hemodynamic response to clonidine in bile duct-ligated rats: the role of nitric oxide. <i>European Journal of Pharmacology</i> , 2006 , 542, 148-53	5.3	7

259	Effect of chronic lithium administration on endothelium-dependent relaxation of rat mesenteric bed: role of nitric oxide. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007 , 85, 1038-46	2.4	7
258	Detection of opioid receptors on murine lymphocytes by indirect immunofluorescence: mature normal and tumor bearing mice lymphocytes. <i>International Immunopharmacology</i> , 2005 , 5, 1019-27	5.8	7
257	The selective role of nitric oxide in opioid-mediated footshock stress antinociception in mice. <i>Physiology and Behavior</i> , 2003 , 79, 567-73	3.5	7
256	Methoxamine-induced rhythmic activity in rabbit anococcygeus muscle. <i>General Pharmacology</i> , 1993 , 24, 841-5		7
255	Juglone: The echtiotoxic principle of <i>Pterocarya fraxinifolia</i> . <i>Phytochemistry</i> , 1973 , 12, 3001-3002	4	7
254	Sumatriptan alleviates radiation-induced oral mucositis in rats by inhibition of NF-kB and ERK activation, prevention of TNF- α and ROS release. <i>Archives of Oral Biology</i> , 2020 , 119, 104919	2.8	7
253	The renin-angiotensin system in cutaneous hypertrophic scar and keloid formation. <i>Experimental Dermatology</i> , 2020 , 29, 902-909	4	7
252	Oxytocin is involved in the proconvulsant effects of Sildenafil: Possible role of CREB. <i>Toxicology Letters</i> , 2016 , 256, 44-52	4.4	7
251	Lithium attenuated the behavioral despair induced by acute neurogenic stress through blockade of opioid receptors in mice. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 83, 1006-1015	7.5	7
250	Activation of ATP-sensitive K-channel promotes the anticonvulsant properties of cannabinoid receptor agonist through mitochondrial ATP level reduction. <i>Epilepsy and Behavior</i> , 2019 , 93, 1-6	3.2	7
249	Sildenafil beyond erectile dysfunction and pulmonary arterial hypertension: Thinking about new indications. <i>Fundamental and Clinical Pharmacology</i> , 2021 , 35, 235-259	3.1	7
248	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	2.7	7
247	Pharmacological evidence of involvement of nitric oxide pathway in anti-pruritic effects of sumatriptan in chloroquine-induced scratching in mice. <i>Fundamental and Clinical Pharmacology</i> , 2018 , 32, 69-76	3.1	7
246	Mammalian target of rapamycin (mTOR)/nitric oxide system possibly modulate antidepressant-like effect of 17 β ethinyl estradiol in ovariectomized mice. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 89, 591-604	7.5	6
245	Involvement of nitrenergic system in anticonvulsant effect of zolpidem in lithium-pilocarpine induced status epilepticus: Evaluation of iNOS and COX-2 genes expression. <i>European Journal of Pharmacology</i> , 2017 , 815, 454-461	5.3	6
244	The protective effect of acute pantoprazole pretreatment on renal ischemia/reperfusion injury in rats. <i>Fundamental and Clinical Pharmacology</i> , 2019 , 33, 405-411	3.1	6
243	Effect of phosphatidylserine on cirrhosis-induced hepatic encephalopathy: Response to acute endotoxemia in cirrhotic rats. <i>Life Sciences</i> , 2020 , 253, 117606	6.8	6
242	The influence of TRAIL, adiponectin and sclerostin alterations on bone loss in BDL-induced cirrhotic rats and the effect of opioid system blockade. <i>Life Sciences</i> , 2019 , 233, 116706	6.8	6

241	Oxidative stress, inflammatory reactions and apoptosis mediated the negative effect of chronic stress induced by maternal separation on the reproductive system in male mice. <i>Reproductive Biology</i> , 2019 , 19, 340-348	2.3	6
240	Suppression of memory acquisition following co-administration of lithium and atorvastatin through nitric oxide pathway in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 122, 203-11	3.9	6
239	Evaluation of the tocolytic effect of morphine in a mouse model of lipopolysaccharide-induced preterm delivery: the role of nitric oxide. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2009 , 147, 166-72	2.4	6
238	Effect of DETA-NONOate and papaverine on vasodilation of human internal mammary artery. <i>Canadian Journal of Physiology and Pharmacology</i> , 2011 , 89, 945-51	2.4	6
237	Effects of chronic lithium on ototoxicity induced by gentamicin and amikacin in guinea-pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1998 , 83, 220-4		6
236	The effects of N-acetylcysteine on the expression of matrix metalloproteinase-2 and tissue inhibitor of matrix metalloproteinase-2 in hepatic fibrosis in bile duct ligated rats. <i>Hepatology Research</i> , 2008 , 38, 1252-63	5.1	6
235	Time-dependent alteration in cromakalim-induced relaxation of corpus cavernosum from streptozocin-induced diabetic rats. <i>Life Sciences</i> , 2007 , 81, 960-9	6.8	6
234	Synthesis and calcium channel antagonist activity of new 1,4-dihydropyridine derivatives containing dichloroimidazolyl substituents. <i>Arzneimittelforschung</i> , 2002 , 52, 21-6		6
233	Conditions that lithium inhibits or potentiates vasopressin V1-receptor-mediated platelet aggregation and $[Ca^{++}]_i$ mobilization. <i>General Pharmacology</i> , 1995 , 26, 1659-67		6
232	Inhibition by lithium and rubidium of gentamicin-induced release of N-acetyl-beta-D-glucosaminidase from perfused rat kidney. <i>Toxicology</i> , 1996 , 110, 9-15	4.4	6
231	Effects of atropine, pirenzepine, clonidine, and morphine on biphasic response of rat gastric fundus to field stimulation. <i>General Pharmacology</i> , 1994 , 25, 951-5		6
230	Effects of gentamicin on rat submandibular gland functions. <i>General Pharmacology</i> , 1994 , 25, 1719-22		6
229	Adjuvant potential of selegiline in treating acute toxicity of aluminium phosphide in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 125, 62-74	3.1	6
228	The Effect of Vitamin D Supplementation on Serum and Muscle Irisin Levels, and FNDC5 Expression in Diabetic Rats. <i>Reports of Biochemistry and Molecular Biology</i> , 2019 , 8, 236-243	1.3	6
227	The effect of caffeine on orthodontic tooth movement in rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2017 , 20, 260-264	1.8	6
226	Opioid receptors blockade modulates apoptosis in a rat model of cirrhotic cardiomyopathy. <i>Annals of Medical and Health Sciences Research</i> , 2014 , 4, 404-9		6
225	Involvement of nitric oxide pathway in the anti-inflammatory effect of modafinil on indomethacin-, stress-, and ethanol -induced gastric mucosal injury in rat. <i>European Journal of Pharmacology</i> , 2020 , 887, 173579	5.3	6
224	Protective effect of modafinil on skin flap survival in the experimental random-pattern skin flap model in rats: The role of ATP-sensitive potassium channels and nitric oxide pathway. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021 , 74, 1346-1354	1.7	6

223	Development of resistance to serotonin-induced itch in bile duct ligated mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017 , 44, 680-685	3	5
222	Evaluation of the pharmacological involvement of ATP-sensitive potassium (K) channels in the antidepressant-like effects of topiramate on mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019 , 392, 833-842	3.4	5
221	Agmatine ameliorates acetic acid-induced colitis in rats: involvement of nitrenergic system. <i>Immunopharmacology and Immunotoxicology</i> , 2019 , 41, 242-249	3.2	5
220	Methadone effects on pentylentetrazole-induced seizure threshold in mice: NMDA/opioid receptors and nitric oxide signaling. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1449, 25-35	6.5	5
219	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, 3081-90	4.7	5
218	Involvement of 5-HT _{1B/1D} receptors in the inflammatory response and oxidative stress in intestinal ischemia/reperfusion in rats. <i>European Journal of Pharmacology</i> , 2020 , 882, 173265	5.3	5
217	α-Adrenergic Receptor Stimulation Upregulates Cx43 Expression on Glioblastoma Multiforme and Olfactory Ensheathing Cells. <i>Journal of Molecular Neuroscience</i> , 2020 , 70, 1451-1460	3.3	5
216	Protective effect of dapson against renal ischemia-reperfusion injury in rat. <i>Immunopharmacology and Immunotoxicology</i> , 2020 , 42, 272-279	3.2	5
215	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	3.2	5
214	Studying neuroprotective effect of Atorvastatin as a small molecule drug on high glucose-induced neurotoxicity in undifferentiated PC12 cells: role of NADPH oxidase. <i>Metabolic Brain Disease</i> , 2017 , 32, 41-49	3.9	5
213	Serotonin 5-HT ₇ receptor agonist, LP-211, exacerbates Na(+), K(+)-ATPase/Mg(2+)-ATPase imbalances in spinal cord-injured male rats. <i>Diagnostic Pathology</i> , 2015 , 10, 157	3	5
212	The role of PPAR-gamma receptor in pruritus. <i>European Journal of Pharmacology</i> , 2015 , 762, 322-5	5.3	5
211	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> , 2008 , 3, 27	1.5	5
210	Lithium chloride disrupts consolidation of morphine-induced conditioned place preference in male mice: the nitric oxide/cyclic GMP signaling pathway. <i>Behavioural Brain Research</i> , 2011 , 219, 240-7	3.4	5
209	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, 191-9	3.1	5
208	Tocolytic effect of delta9-tetrahydrocannabinol in mice model of lipopolysaccharide--induced preterm delivery: role of nitric oxide. <i>Reproductive Sciences</i> , 2010 , 17, 391-400	3	5
207	Effect of metal chelating agents on pentylentetrazole-induced seizure threshold in cholestatic mice. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009 , 18, 51-6	3.2	5
206	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, e643-4	1.7	5

205	Role of endogenous cannabinoids in ischemia/reperfusion injury following testicular torsion in rats. <i>International Journal of Urology</i> , 2008 , 15, 449-54	2.3	5
204	Orthodontic tooth movement in cholestatic and cirrhotic rats. <i>Journal of Orthodontics</i> , 2008 , 35, 119-25; discussion 110-1	1.6	5
203	Pentoxifylline improves reoxygenation-induced contractile recovery through a nitric oxide-dependent mechanism in rat papillary muscles. <i>Journal of Cardiovascular Pharmacology</i> , 2006 , 47, 571-7	3.1	5
202	Endogenous opioids and liver disease. <i>Scandinavian Journal of Gastroenterology</i> , 2006 , 41, 1-11	2.4	5
201	The nonadrenergic noncholinergic relaxation of anococcygeus muscles of bile duct-ligated rats. <i>European Journal of Pharmacology</i> , 2002 , 445, 31-6	5.3	5
200	Alpha-2-adrenoceptor hyporesponsiveness in isolated tissues of cholestatic animals: involvement of opioid and nitric oxide systems. <i>Life Sciences</i> , 2003 , 73, 209-20	6.8	5
199	Effect of NMDA receptor antagonist on naloxone-precipitated withdrawal signs in cholestatic mice. <i>Human Psychopharmacology</i> , 2000 , 15, 213-218	2.3	5
198	Effects of vinca alkaloids on rat parotid and submandibular glands function in vivo. <i>General Pharmacology</i> , 1995 , 26, 321-5		5
197	Comparison of various calcium channel blockers on guinea-pig isolated common bile duct. <i>General Pharmacology</i> , 1994 , 25, 1655-60		5
196	The effect of concomitant use of neuroleptic drugs and lithium on the erythrocyte/plasma lithium ratio in Iranian patients with bipolar disorder. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 1996 , 21, 3-7	2.2	5
195	Arthrocen, an avocado-soy unsaponifiable agent, improves acetic acid-induced colitis in rat by inhibition of NF-kB signaling pathway. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13244	3.3	5
194	Effect of atorvastatin on orthodontic tooth movement in male wistar rats. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2013 , 10, 532-9		5
193	Effect of Fluoxetine Consumption on Orthodontic Tooth Movement in Rats. <i>Journal of Dentistry of Tehran University of Medical Sciences</i> , 2015 , 12, 882-9		5
192	Thalidomide attenuates the hyporesponsiveness of isolated atria to chronotropic stimulation in BDL rats: The involvement of TNF- α /IL-6 inhibition, and SOCS1 activation. <i>Iranian Journal of Basic Medical Sciences</i> , 2019 , 22, 1259-1266	1.8	5
191	Effect of vitamin D supplementation on CREB-TrkB-BDNF pathway in the hippocampus of diabetic rats. <i>Iranian Journal of Basic Medical Sciences</i> , 2020 , 23, 117-123	1.8	5
190	Contribution of mammalian target of rapamycin in the pathophysiology of cirrhotic cardiomyopathy. <i>World Journal of Gastroenterology</i> , 2016 , 22, 4685-94	5.6	5
189	Glatiramer acetate attenuates renal ischemia reperfusion injury in rat model. <i>Experimental and Molecular Pathology</i> , 2020 , 112, 104329	4.4	5
188	Novel effect of Arthrocen (avocado/soy unsaponifiables) on pentylenetetrazole-induced seizure threshold in mice: Role of GABAergic pathway. <i>Epilepsy and Behavior</i> , 2020 , 104, 106500	3.2	5

187	The role of glycogen synthase kinase 3 beta in multiple sclerosis. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 132, 110874	7.5	5
186	Risperidone attenuates acetic acid-induced colitis in rats through inhibition of TLR4/NF-kB signaling pathway. <i>Immunopharmacology and Immunotoxicology</i> , 2020 , 42, 464-472	3.2	5
185	Are itch and scratching the nausea and vomiting of skin?. <i>Experimental Dermatology</i> , 2016 , 25, 340-3	4	5
184	The Possible Role of Nitric Oxide Pathway in Pentylenetetrazole Preconditioning Against Seizure in Mice. <i>Journal of Molecular Neuroscience</i> , 2019 , 67, 477-483	3.3	5
183	Cirrhosis induced by bile duct ligation alleviates acetic acid intestinal damages in rats: Involvements of nitrenergic and opioidergic systems. <i>Pharmacological Reports</i> , 2018 , 70, 426-433	3.9	5
182	Dapsone Ameliorates Colitis through TLR4/NF-kB Pathway in TNBS Induced Colitis Model in Rat. <i>Archives of Medical Research</i> , 2021 , 52, 595-602	6.6	5
181	Anticonvulsant effect of celecoxib on pentylenetetrazole-induced convulsion: Modulation by NO pathway. <i>Acta Neurobiologiae Experimentalis</i> , 2010 , 70, 390-7	1	5
180	Evaluation of prepulse inhibition and memory impairments at early stage of cirrhosis may be considered as a diagnostic index for minimal hepatic encephalopathy. <i>Physiology and Behavior</i> , 2017 , 173, 87-94	3.5	4
179	Involvement of the nitric oxide pathway in the anti-depressant-like effects of thalidomide in mice. <i>Physiology and Behavior</i> , 2019 , 208, 112572	3.5	4
178	Anticonvulsant Effects of Thalidomide on Pentylenetetrazole-Induced Seizure in Mice: A Role for Opioidergic and Nitrenergic Transmissions. <i>Epilepsy Research</i> , 2020 , 164, 106362	3	4
177	Hepatoprotective Effects of Standardized Extracts from an Ancient Italian Apple Variety (Mela Rosa dei Monti Sibillini) against Carbon Tetrachloride (CCl ₄)-Induced Hepatotoxicity in Rats. <i>Molecules</i> , 2020 , 25,	4.8	4
176	Modulation of the anticonvulsant effect of swim stress by agmatine. <i>Epilepsy and Behavior</i> , 2018 , 78, 142-148	3.2	4
175	NMDA receptors interact with the retrieval memory enhancing effect of pioglitazone in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 126, 136-45	3.9	4
174	Nitric oxide mediates effects of acute, not chronic, naltrexone on LPS-induced hepatic encephalopathy in cirrhotic rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017 , 95, 16-22	2.4	4
173	Chemical composition and hepatoprotective activity of ethanolic root extract of Taraxacum Syriacum Boiss against acetaminophen intoxication in rats. <i>Bratislava Medical Journal</i> , 2015 , 116, 41-6	1.7	4
172	Mesenteric artery responsiveness to acetylcholine and phenylephrine in cirrhotic rats challenged with endotoxin: the role of TLR4. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015 , 93, 475-83	2.4	4
171	D-serine modulates non-adrenergic non-cholinergic contraction of lower esophageal sphincter in rats. <i>European Journal of Pharmacology</i> , 2012 , 696, 155-60	5.3	4
170	Caffeine alters mitochondrial dehydrogenase and alkaline phosphatase activity of human gingival fibroblasts in vitro. <i>Journal of Investigative and Clinical Dentistry</i> , 2013 , 4, 233-9	2.3	4

169	Chronic lithium impairs skin tolerance to ischemia in random-pattern skin flap of rats. <i>Journal of Surgical Research</i> , 2011 , 171, 374-8	2.5	4
168	Effect of zeolite nano-materials and artichoke (<i>Cynara scolymus</i> L.) leaf extract on increase in urinary clearance of systematically absorbed nicotine. <i>Arzneimittelforschung</i> , 2012 , 62, 650-4		4
167	Inhibition by lithium of gentamicin-induced release of N-acetyl-beta-D-glucosaminidase in rat submandibular saliva. <i>General Pharmacology</i> , 1997 , 29, 447-51		4
166	Does abdominal aorta clamping, as a method of spinal ischemia in rats, really work?. <i>World Neurosurgery</i> , 2006 , 66, 332-3		4
165	Alpha 2-adrenoceptor and NO mediate the opioid subsensitivity in isolated tissues of cholestatic animals. <i>Autonomic and Autacoid Pharmacology</i> , 2003 , 23, 201-7		4
164	Clonidine-induced rhythmic activity in rabbit anococcygeus muscle. <i>General Pharmacology</i> , 1996 , 27, 525-8		4
163	Cyclosporin A-induced functional and morphological changes in pilocarpine treated rat submandibular glands. <i>Toxicology</i> , 1996 , 108, 65-71	4.4	4
162	Inhibition by lithium of neomycin-induced release of N-acetyl-beta-glucosaminidase in the rat heart. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1995 , 76, 202-5		4
161	Benzylidene Barbituric Acid Derivatives Shown Anticonvulsant Activity on Pentylentetrazole-Induced Seizures in Mice: Involvement of Nitric Oxide Pathway 2018 , 24, 250-256		4
160	Quercetin Ameliorates Lipid and Apolipoprotein Profile in High-Dose Glucocorticoid Treated Rats. <i>Arquivos Brasileiros De Cardiologia</i> , 2020 , 115, 102-108	1.2	4
159	Protective Effects of Spermidine Against Cirrhotic Cardiomyopathy in Bile Duct-Ligated Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2020 , 76, 286-295	3.1	4
158	Aripiprazole prevents from development of vincristine-induced neuropathic nociception by limiting neural NOS overexpression and NF-kB hyperactivation. <i>Cancer Chemotherapy and Pharmacology</i> , 2020 , 86, 393-404	3.5	4
157	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	1.8	4
156	In vitro evaluation of effects of metformin on morphine and methadone tolerance through mammalian target of rapamycin signaling pathway. <i>Journal of Cellular Physiology</i> , 2019 , 234, 3058-3066	7	4
155	The effects of acute sumatriptan treatment on renal ischemia/reperfusion injury in rat and the possible involvement of nitric oxide. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020 , 98, 252-258	2.4	4
154	Ivermectin Increases Random-Pattern Skin Flap Survival in Rats: The Novel Role of GABAergic System. <i>Journal of Surgical Research</i> , 2021 , 259, 431-441	2.5	4
153	Anti-inflammatory effect of amitriptyline in a rat model of acetic acid-induced colitis: the involvement of the TLR4/NF-kB signaling pathway. <i>Fundamental and Clinical Pharmacology</i> , 2021 , 35, 843-851	3.1	4
152	SAHA Improves Depressive Symptoms, Cognitive Impairment and Oxidative Stress: Rise of a New Antidepressant Class. <i>Neurochemical Research</i> , 2021 , 46, 1252-1263	4.6	4

151	Pharmacological evidence for the involvement of adenosine triphosphate sensitive potassium channels in chloroquine-induced itch in mice. <i>Pharmacological Reports</i> , 2017 , 69, 1295-1299	3.9	3
150	Phosphatidylserine nanoliposomes inhibit glucocorticoid-induced osteoporosis: A potential combination therapy with alendronate. <i>Life Sciences</i> , 2020 , 257, 118033	6.8	3
149	Oxytocinergic system mediates the proconvulsant effects of sildenafil: The role of calcineurin. <i>Hormones and Behavior</i> , 2020 , 122, 104753	3.7	3
148	Decreased bone density induced by antiepileptic drugs can cause accelerated orthodontic tooth movement in male Wistar rats. <i>International Orthodontics</i> , 2018 , 16, 73-81	0.9	3
147	The effect of chronic hyperthyroidism and restored euthyroid state by methimazole therapy in rat small mesenteric arteries. <i>European Journal of Pharmacology</i> , 2013 , 701, 20-6	5.3	3
146	Na(+)-H+ exchange inhibition attenuates ischemic injury in rat random pattern skin flap: the role of mitochondrial ATP-sensitive potassium channels. <i>European Journal of Pharmacology</i> , 2013 , 698, 330-4	5.3	3
145	Effect of subchronic zinc toxicity on rat salivary glands and serum composition. <i>Toxicology and Industrial Health</i> , 2012 , 28, 917-22	1.8	3
144	The effects of lithium, indomethacin, and neomycin on vasopressin-induced contractions in rat urinary bladder. <i>General Pharmacology</i> , 1997 , 28, 777-80		3
143	The effect of acute lithium and rubidium pretreatment on apomorphine-induced pecking in pigeons. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1998 , 82, 147-52		3
142	Effect of acute and chronic photoperiod modulation on pentylenetetrazole-induced clonic seizure threshold in mice. <i>Epilepsy Research</i> , 2008 , 82, 64-69	3	3
141	Diabetic rats show more resistance to neuromuscular blockade induced by aminoglycoside antibiotics. <i>General Pharmacology</i> , 1993 , 24, 1415-8		3
140	Empagliflozin Enhances Autophagy, Mitochondrial Biogenesis, and Antioxidant Defense and Ameliorates Renal Ischemia/Reperfusion in Nondiabetic Rats.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1197061	6.7	3
139	Diabetes Mellitus and Osteoporosis Correlation: Challenges and Hopes. <i>Current Diabetes Reviews</i> , 2020 , 16, 984-1001	2.7	3
138	The Neuroprotective Effect of Lithium in cannabinoid Dependence is Mediated through Modulation of Cyclic AMP, ERK1/2 and GSK-3 β Phosphorylation in Cerebellar Granular Neurons of Rat. <i>Iranian Journal of Pharmaceutical Research</i> , 2015 , 14, 1123-35	1.1	3
137	Effect of 5-HT7 receptor agonist, LP-211, on micturition following spinal cord injury in male rats. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 2525-33	3	3
136	Minocycline attenuates cirrhotic cardiomyopathy and portal hypertension in a rat model: Possible involvement of nitric oxide pathway. <i>Iranian Journal of Basic Medical Sciences</i> , 2016 , 19, 1222-1230	1.8	3
135	Anxiolytic-Like and Sedative Effects of (Boiss.) Alef. Flower Extract in the Laboratory Rat. <i>Iranian Journal of Pharmaceutical Research</i> , 2017 , 16, 1495-1508	1.1	3
134	Evaluation of the Wound Healing Activity of a Traditional Compound Herbal Product Using Rat Excision Wound Model. <i>Iranian Journal of Pharmaceutical Research</i> , 2017 , 16, 153-163	1.1	3

133	Sodium Valproate Improves Skin Flap Survival via Gamma-Aminobutyric Acid and Histone Deacetylase Inhibitory System. <i>Journal of Surgical Research</i> , 2020 , 246, 519-526	2.5	3
132	The potential role of very small embryonic-like stem cells in the neuroinflammation induced by social isolation stress: Introduction of a new paradigm. <i>Brain Research Bulletin</i> , 2020 , 163, 21-30	3.9	3
131	Chronically altered NMDAR signaling in epilepsy mediates comorbid depression. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 53	7.3	3
130	Beyond its anti-migraine properties, sumatriptan is an anti-inflammatory agent: A systematic review. <i>Drug Development Research</i> , 2021 , 82, 896-906	5.1	3
129	Isofuranodiene, a Natural Sesquiterpene Isolated from Wild Celery (L.), Protects Rats against Acute Ischemic Stroke. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
128	Comparison of exogenous melatonin versus placebo on sleep efficiency in emergency medicine residents working night shifts: A randomized trial. <i>World Journal of Emergency Medicine</i> , 2018 , 9, 282-287 ^{1.9}	7.9	3
127	In vivo identification of novel TGIF2LX target genes in colorectal adenocarcinoma using the cDNA-AFLP method. <i>Arab Journal of Gastroenterology</i> , 2018 , 19, 65-70	1.7	3
126	Anti-seizure effects of walnut peptides in mouse models of induced seizure: The involvement of GABA and nitric oxide pathways. <i>Epilepsy Research</i> , 2021 , 176, 106727	3	3
125	The Effects of Sub-Chronic Treatment with Pioglitazone on the Septic Mice Mortality in the Model of Cecal Ligation and Puncture: Involvement of Nitric Oxide Pathway. <i>Acta Medica Iranica</i> , 2015 , 53, 608-16		3
124	Fas Receptor Activation by Endogenous Opioids Is A New Mechanism for Cardiomyopathy in Cirrhotic Rats. <i>Journal of Clinical and Experimental Hepatology</i> , 2017 , 7, 107-114	4.1	2
123	Effect of hydroxychloroquine on prevention of COVID-19 virus infection among healthcare professionals: a structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2020 , 21, 467	2.8	2
122	Inhibition of phosphodiesterase IV enzyme improves locomotor and sensory complications of spinal cord injury via altering microglial activity: Introduction of Roflumilast as an alternative therapy. <i>International Immunopharmacology</i> , 2020 , 86, 106743	5.8	2
121	Targeting NMDA Receptors in Epilepsy 2014 , 663-693		2
120	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, 2675-81	4	2
119	The expression, localization and function of $\alpha 7$ nicotinic acetylcholine receptor in rat corpus cavernosum. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 1754-1761	4.8	2
118	Citalopram as a good candidate for treatment of depression in patients with epilepsy. <i>Epilepsy and Behavior</i> , 2015 , 44, 96-7	3.2	2
117	Does adding low doses of oral naltrexone to morphine alter the subsequent opioid requirements and side effects in trauma patients?. <i>American Journal of Emergency Medicine</i> , 2012 , 30, 75-8	2.9	2
116	Gastric healing effect of melatonin against different gastroinvasive agents in cholestatic rats. <i>Pathophysiology</i> , 2010 , 17, 65-70	1.8	2

115	The effect of lithium chloride on WIN 55,212-2-induced tolerance in isolated guinea pig ileum. <i>European Journal of Pharmacology</i> , 2010 , 627, 265-8	5.3	2
114	AN IMPROVED KINETIC METHOD FOR MEASUREMENT OF URINARY ALANINE AMINOPEPTIDASE (AAP) ACTIVITY AS A NEPHROTOXIC MARKER 1997 , 7, 341-361		2
113	The effects of dopaminergic and adrenergic drugs on twitch response of guinea-pig common bile duct. <i>General Pharmacology</i> , 1997 , 29, 469-71		2
112	Role of nitric oxide and prostaglandin systems in lithium modulation of acetylcholine vasodilation. <i>Journal of Cardiovascular Pharmacology</i> , 2007 , 50, 641-6	3.1	2
111	Relationship between erythrocyte lithium concentration and renal concentrating capacity. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2003 , 28, 451-6	2.2	2
110	Effects of diltiazem or verapamil on calcium uptake and release from chicken skeletal muscle sarcoplasmic reticulum. <i>Canadian Journal of Physiology and Pharmacology</i> , 2005 , 83, 967-75	2.4	2
109	Different calcium dependencies of contractile activity of prostatic and epididymal portions of rat vas deferens. <i>General Pharmacology</i> , 1995 , 26, 633-9		2
108	The effect of cyclosporine A and trifluoperazine on amylase secretion from rat parotid glands in vitro. <i>Fundamental and Clinical Pharmacology</i> , 1995 , 9, 540-4	3.1	2
107	The effect of concomitant use of neuroleptic drugs and lithium on the erythrocyte/plasma lithium ratio in Iranian patients with bipolar disorder. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 1996 , 21, 3-7	2.2	2
106	The role of calcium and alpha-adrenoceptors in contractile response of chick expansor secundariorum muscle to field stimulation. <i>General Pharmacology</i> , 1994 , 25, 317-23		2
105	Possible evidence for involvement of new subtype of P1-purinoceptors in rat isolated uterus. <i>General Pharmacology</i> , 1994 , 25, 515-9		2
104	In vitro binding of dantrolene to bovine serum albumin and rabbit red blood cell ghosts. <i>Canadian Journal of Physiology and Pharmacology</i> , 1982 , 60, 1307-11	2.4	2
103	Therapeutic angiogenesis promotes efficacy of human umbilical cord matrix stem cell transplantation in cardiac repair. <i>Iranian Journal of Basic Medical Sciences</i> , 2015 , 18, 563-70	1.8	2
102	Design and Synthesis of 2-(Arylmethylideneamino) Isoindolines as New Potential Analgesic and Anti-Inflammatory Agents: A Molecular Hybridization Approach. <i>Current Pharmaceutical Design</i> , 2016 , 22, 5760-5766	3.3	2
101	Effect of lithium on secretory factors and growth stimulation by bombesin in rat pancreas and salivary glands. <i>Chinese Journal of Physiology</i> , 2010 , 53, 26-35	1.6	2
100	Anti-inflammatory Effects of Ivermectin in the Treatment of Acetic Acid-Induced Colitis in Rats: Involvement of GABA Receptors. <i>Digestive Diseases and Sciences</i> , 2021 , 1	4	2
99	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> , 2021 , 1-13	2.7	2
98	Evaluation of the effects of metformin administration on morphine tolerance in mice. <i>Neuroscience Letters</i> , 2020 , 716, 134638	3.3	2

97	Novel osteoprotective nanococheate formulation: A dual combination therapy-codelivery system against glucocorticoid induced osteoporosis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 29, 102273	6	2
96	Lithium reverses the effect of opioids on eNOS/nitric oxide pathway in human umbilical vein endothelial cells. <i>Molecular Biology Reports</i> , 2020 , 47, 6829-6840	2.8	2
95	Effects of Lithium Chloride and Nitric Oxide Inhibitor on Orthodontic Tooth Movement in the Rat. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3607	2.6	2
94	Evaluation of the effect of heat shock protein 70 targeted drugs on cirrhotic cardiomyopathy in biliary cirrhotic rats. <i>Life Sciences</i> , 2021 , 273, 119261	6.8	2
93	Bone healing around titanium implants in a preclinical model of bile duct ligation-induced liver injury. <i>Clinical Oral Implants Research</i> , 2021 , 32, 980-988	4.8	2
92	Acute Activation of α -Nicotinic Receptors by Nicotine Improves Rodent Skin Flap Survival Through Nitregic System. <i>Annals of Plastic Surgery</i> , 2019 , 83, 211-216	1.7	2
91	Neuroprotective Effect of Intravitreal Single-Dose Lithium Chloride after Optic Nerve Injury in Rats. <i>Current Eye Research</i> , 2021 , 46, 558-567	2.9	2
90	Current overview of opioids in progression of inflammatory bowel disease; pharmacological and clinical considerations. <i>Molecular Biology Reports</i> , 2021 , 48, 855-874	2.8	2
89	The role of nitric oxide-cGMP pathway in selegiline antidepressant-like effect in the mice forced swim test. <i>Pharmacological Reports</i> , 2018 , 70, 1015-1022	3.9	2
88	Role of hypothalamic-pituitary adrenal-axis, toll-like receptors, and macrophage polarization in pre-atherosclerotic changes induced by social isolation stress in mice. <i>Scientific Reports</i> , 2021 , 11, 19091	4.9	2
87	Melatonin improves learning and memory of mice with chronic social isolation stress via an interaction between microglia polarization and BDNF/TrkB/CREB signaling pathway. <i>European Journal of Pharmacology</i> , 2021 , 908, 174358	5.3	2
86	Losartan ointment attenuates imiquimod-induced psoriasis-like inflammation. <i>International Immunopharmacology</i> , 2021 , 100, 108160	5.8	2
85	Licofelone, a potent COX/5-LOX inhibitor and a novel option for treatment of neurological disorders. <i>Prostaglandins and Other Lipid Mediators</i> , 2021 , 157, 106587	3.7	2
84	Protective Effects of Lithium on Sumatriptan-Induced Memory Impairment in Mice. <i>Acta Medica Iranica</i> , 2016 , 54, 226-32		2
83	Sodium Selenite Modulates IDO1/Kynurenine, TLR4, NF- κ B and Bcl2/Bax? Pathway and Mitigates Acetic Acid-Induced Colitis in Rat.. <i>Cellular Physiology and Biochemistry</i> , 2022 , 56, 24-35	3.9	2
82	Brain wave disturbance and cognitive impairment after CPR. <i>Medical Hypotheses</i> , 2019 , 126, 129-130	3.8	1
81	The possible role of nitric oxide in anti-convulsant effects of Naltrindole in seizure-induced by social isolation stress in male mice. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 129, 110453	7.5	1
80	Hypothyroidism improves random-pattern skin flap survival in rats. <i>Journal of Surgical Research</i> , 2012 , 178, 524-8	2.5	1

79	Lithium does not protect against spinal cord ischemia-reperfusion injury in rabbits. <i>Annals of Vascular Surgery</i> , 2010 , 24, 299-300	1.7	1
78	Aqueous humor nitric oxide levels in patients with branch retinal vein occlusion. <i>Japanese Journal of Ophthalmology</i> , 2010 , 54, 107-9	2.6	1
77	Alterations of physostigmine-induced yawning by chronic lithium administration in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1997 , 81, 159-63		1
76	Decrease in erythrocyte:plasma lithium ratio by concurrent administration of psychotropic drugs and lithium in mice. <i>General Pharmacology</i> , 1998 , 31, 63-6		1
75	L-Arginine/Nitric Oxide Pathway and Interaction with Lead Acetate on Rat Submandibular Gland Function. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 87, 198-203		1
74	Clonidine Attenuates Naloxone-Induced Opioid-Withdrawal Syndrome in Cholestatic Mice*. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 89, 129-132		1
73	Enhancement of indomethacin-induced gastric damage by mouth breathing in rabbits. <i>Pathophysiology</i> , 2005 , 11, 197-199	1.8	1
72	Time-dependent reduction of acetylcholine-induced relaxation in corpus cavernosum of cholestatic rats: role of nitric oxide and cyclooxygenase pathway. <i>European Journal of Pharmacology</i> , 2004 , 496, 181-7	5.3	1
71	Alteration by ouabain of rat submandibular glands function. <i>General Pharmacology</i> , 1995 , 26, 1009-13		1
70	Effects of diltiazem and verapamil on ADP-induced rabbit platelet shape change and aggregation. <i>General Pharmacology</i> , 1995 , 26, 1295-9		1
69	Protective effect of dapsons against bleomycin-induced lung fibrosis in rat.. <i>Experimental and Molecular Pathology</i> , 2021 , 124, 104737	4.4	1
68	Interaction of aminoglycoside antibiotics and lithium at the neuromuscular junctions. <i>Drugs Under Experimental and Clinical Research</i> , 1992 , 18, 383-7		1
67	Cirrhosis-induced morphological changes in the retina: possible role of endogenous opioid. <i>International Journal of Ophthalmology</i> , 2015 , 8, 681-4	1.4	1
66	Cyclosporin A attenuating morphine tolerance through inhibiting NO/ERK signaling pathway in human glioblastoma cell line: the involvement of calcineurin. <i>EXCLI Journal</i> , 2018 , 17, 1137-1151	2.4	1
65	Pain Relieving Effect of Sublingual Glycerol Trinitrate in Renal Colic: a Randomized Placebo-Controlled Trial. <i>Advanced Journal of Emergency Medicine</i> , 2018 , 2, e2	0.7	1
64	Does Pharmacodynamics of Drugs Change After Presenting them as Nanoparticles Like their Pharmacokinetics?. <i>Current Drug Targets</i> , 2020 , 21, 807-818	3	1
63	New Trends in the Pharmacological Intervention of PPARs in Obesity: Role of Natural and Synthetic Compounds. <i>Current Medicinal Chemistry</i> , 2021 , 28, 4004-4022	4.3	1
62	Effect of amitriptyline on orthodontic tooth movement in rats: an experimental study. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2020 , 14, 147-152	1	1

61	Anticonvulsive evaluation and histopathological survey of thalidomide synthetic analogs on lithium-pilocarpine-induced status epilepticus in rats. <i>Research in Pharmaceutical Sciences</i> , 2021 , 16, 586-595	2.6	1
60	Therapeutic Effects of Hydroalcoholic Extracts from the Ancient Apple Mela Rosa dei Monti Sibillini in Transient Global Ischemia in Rats. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
59	Licofelone, a dual cyclooxygenase/5-lipoxygenase inhibitor, reverses endotoxin-induced impaired atrial chronotropic responsiveness to cholinergic stimulation in rats. <i>European Journal of Pharmacology</i> , 2020 , 887, 173569	5.3	1
58	Protective Effects of Leukadherin1 in a Rat Model of Targeted Experimental Autoimmune Encephalomyelitis (EAE): Possible Role of P47phox and MDA Downregulation. <i>Journal of Inflammation Research</i> , 2020 , 13, 411-420	4.8	1
57	The protective effect of α -nACh receptor and its interaction with 5-HT1B/1D receptors in acute intestinal ischemia-reperfusion injury in rats. <i>Fundamental and Clinical Pharmacology</i> , 2021 ,	3.1	1
56	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	1.8	1
55	Possible Involvement of Nitric Oxide in the Antipruritic Effect of Metformin on Chloroquine-Induced Scratching in Mice. <i>Dermatology</i> , 2020 , 236, 151-159	4.4	1
54	Antibiotics with therapeutic effects on spinal cord injury: a review. <i>Fundamental and Clinical Pharmacology</i> , 2021 , 35, 277-304	3.1	1
53	Effects of onopordia, a novel isolated compound from , on pentylentetrazole-induced seizures in mice: Possible involvement of nitric oxide pathway. <i>Journal of Traditional and Complementary Medicine</i> , 2021 , 11, 22-26	4.6	1
52	Neuroprotective phosphatidylserine liposomes alleviate depressive-like behavior related to stroke through neuroinflammation attenuation in the mouse hippocampus. <i>Psychopharmacology</i> , 2021 , 238, 1531-1539	4.7	1
51	Aquaporins and diseases pathogenesis: From trivial to undeniable involvements, a disease-based point of view. <i>Journal of Cellular Physiology</i> , 2021 , 236, 6115-6135	7	1
50	Glatiramer acetate treatment inhibits inflammatory responses and improves survival in a mice model of cecal ligation and puncture-induced sepsis. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2021 ,	1.6	1
49	Preconditioning and anti-apoptotic effects of Metformin and Cyclosporine-A in an isolated bile duct-ligated rat heart. <i>European Journal of Pharmacology</i> , 2021 , 893, 173807	5.3	1
48	The effect of dapson in testosterone enanthate-induced polycystic ovary syndrome in rat. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021 , 214, 105977	5.1	1
47	Increased Salivary Nitrite and Nitrate Excretion in Rats with Cirrhosis. <i>Acta Medica Iranica</i> , 2015 , 53, 669-75		1
46	Effect of sumatriptan on acetic acid-induced experimental colitis in rats: a possible role for the 5-HT receptors.. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022 , 395, 563	3.4	1
45	Protective Effects of Dapsone on Scopolamine-Induced Memory Impairment in Mice: Involvement of Nitric Oxide Pathway. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 43-50	2.5	1
44	The effects of maternal separation stress experienced by parents on male reproductive potential in the next generation. <i>Heliyon</i> , 2020 , 6, e04807	3.6	0

43	Retraction note: Serotonin 5-HT receptor agonist, LP-211, exacerbates Na, K-ATPase/Mg ² ATPase imbalances in spinal cord-injured male rats. <i>Diagnostic Pathology</i> , 2016 , 11, 108	3	○
42	Rabbit isolated vas deferens possess A1 and A2 adenosine receptors. <i>General Pharmacology</i> , 1992 , 23, 631-5		○
41	Montelukast suppresses the development of irritable bowel syndrome phenotype possibly through modulating NF- κ B signaling in an experimental model.. <i>Inflammopharmacology</i> , 2022 , 30, 313	5.1	○
40	Treatment Parameters of Photobiomodulation in the Prevention of Non-surgical Cancer Treatment-Induced Oral Mucositis: A Review of Preclinical Studies.. <i>Journal of Lasers in Medical Sciences</i> , 2021 , 12, e54	1.6	○
39	Involvement of nNOS, and α , β , γ , and δ Subunits of Soluble Guanylyl Cyclase Genes Expression in Anticonvulsant Effect of Sumatriptan on Pentylenetetrazole-Induced Seizure in Mice. <i>Iranian Journal of Pharmaceutical Research</i> , 2020 , 19, 181-192	1.1	○
38	Anticonvulsant Effect of Alcea aucheri on Pentylenetetrazole and Maximal Electroshock Seizures in Mice. <i>Basic and Clinical Neuroscience</i> , 2020 , 11, 369-377	1.4	○
37	In vitro effects of tropisetron and granisetron against Echinococcus granulosus (s.s.) protoscoleces by involvement of calcineurin and calmodulin. <i>Parasites and Vectors</i> , 2021 , 14, 197	4	○
36	Antidepressant-like effect of ethanol in mice forced swimming test is mediated via inhibition of NMDA/nitric oxide/cGMP signaling pathway. <i>Alcohol</i> , 2021 , 92, 53-63	2.7	○
35	Combination therapy of phosphatidylserine liposome with cyclosporine A improves nephrotoxicity and attenuates delayed-type hypersensitivity response. <i>Life Sciences</i> , 2021 , 265, 118780	6.8	○
34	Design, synthesis, and evaluation of novel racecadotril-tetrazole-amino acid derivatives as new potent analgesic agents. <i>Research in Pharmaceutical Sciences</i> , 2021 , 16, 341-357	2.6	○
33	Beneficial effects of ROCEN (Topical Nano-arthrocen) on atopic dermatitis in mice. <i>BMC Complementary Medicine and Therapies</i> , 2021 , 21, 226	2.9	○
32	1-Methyl tryptophan, an indoleamine 2,3-dioxygenase inhibitor, attenuates cardiac and hepatic dysfunction in rats with biliary cirrhosis. <i>European Journal of Pharmacology</i> , 2021 , 908, 174309	5.3	○
31	Modafinil exerts anticonvulsive effects against lithium-pilocarpine-induced status epilepticus in rats: A role for tumor necrosis factor- α and nitric oxide signaling.. <i>Epilepsy and Behavior</i> , 2022 , 130, 108649	3.2	○
30	The possible role of nitric oxide signaling and NMDA receptors in allopurinol effect on maximal electroshock- and pentylenetetrazol-induced seizures in mice.. <i>Neuroscience Letters</i> , 2022 , 778, 136620	3.3	○
29	The Promising Effect of Colchicine on Random-pattern Skin Flap Survival in Rats: Glutamate Pathway.. <i>Journal of Surgical Research</i> , 2022 , 275, 63-71	2.5	○
28	Investigating the role of endogenous opioid system in chloroquine-induced phospholipidosis in rat liver by morphological, biochemical and molecular modelling studies. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020 , 47, 1575-1583	3	
27	Pretreatment with clonidine caused desensitization to WIN 55,212-2 in guinea pig ileum. <i>Autonomic and Autacoid Pharmacology</i> , 2014 , 34, 9-13		
26	P13 Resistance to depression through interference of opioid and nitrenergic systems in bile-duct ligated (BDL) mice. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, e1.24-e1	5.5	

- 25 A modified model for rat sciatic nerve ischemia/reperfusion injury. *Plastic and Reconstructive Surgery*, **2009**, 123, 42e-44e 2.7
- 24 Nitric oxide involvement in oestrous cycle-dependent changes of the behavioural responses of female rats in elevated plus-maze test. *Journal of Veterinary Pharmacology and Therapeutics*, **2006**, 29, 58-59 1.4
- 23 Lithium Erythrocyte Concentration and Neurological Toxicity in Bipolar Disorder. *Journal of Pharmacy Practice and Research*, **2005**, 35, 103-105 0.7
- 22 Developmental changes in morphine and clonidine sensitivity of isolated chick oesophagus. *General Pharmacology*, **1992**, 23, 627-9
- 21 A Rapid Strategy for Repurposing Drugs for COVID-19 **2020**, 26, S91-S93
- 20 Oral Oxycodone Compared With Intravenous Morphine Sulfate for Pain Management of Isolated Limb Trauma; a Randomized Clinical Trial. *Emergency*, **2018**, 6, e59
- 19 Neuroprotective and Anti-inflammatory Role of Atorvastatin and Its Interaction with Nitric Oxide (NO) in Chronic Constriction Injury-induced Neuropathic Pain. *Iranian Journal of Pharmaceutical Research*, **2020**, 19, 67-75 1.1
- 18 Current Models for Predicting Drug-induced Cholestasis: The Role of Hepatobiliary Transport System. *Iranian Journal of Pharmaceutical Research*, **2021**, 20, 1-21 1.1
- 17 Thalidomide attenuates the development and expression of antinociceptive tolerance to mu-opioid agonist morphine through L-arginine-iNOS and nitric oxide pathway. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO1-1-91 0
- 16 Potassium channels mediate the antidepressant-like effect of nitrazepam in forced swimming test and tail suspension test in mice. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO1-1-137 0
- 15 Involvement of the nitroergic system in the proconvulsant effect of social isolation stress in male mice. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO3-1-25⁰
- 14 Thalidomide attenuates development of morphine dependence in mice by inhibiting PI3K/Akt and nitric oxide signaling pathways. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO1-1-88 0
- 13 Antioxidative and anti-inflammatory impact of valsartan against renal ischemia-reperfusion injury; role of nitric oxide signaling pathway. *Immunopathologia Persa*, **2019**, 5, e19-e19 0.7
- 12 Can Cerebellar Neurodevelopmental Disorders Affect Behavioral Disorders or Vice Versa?. *Contemporary Clinical Neuroscience*, **2017**, 353-367 0.1
- 11 Atorvastatin prevents the development of diabetic neuropathic nociception by possible involvement of nitroergic system.. *Journal of Applied Biomedicine*, **2021**, 19, 48-56 0.6
- 10 Thebaine Derivatives as a New Regulator of Tumor Angiogenesis. *Polycyclic Aromatic Compounds*, 1-19 1.3
- 9 Effect of dextromethorphan in the mouse forced swim and tail suspension tests: Evidence for involvement of the alpha receptors. *Learning and Motivation*, **2021**, 74, 101722 1.3
- 8 Evaluation of Isolated Vascular Response to 5HT_{1A}, 5HT_{1B/1D} & 5HT_{2A} Receptors Agonist & Antagonist in Chronic Endotoxemic Rats. *Drug Research*, **2019**, 69, 352-360 1.8

- | | | |
|---|---|-----|
| 7 | Mechanisms underlie the proconvulsant effects of sildenafil. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 134, 111142 | 7.5 |
| 6 | Synthesis, Docking and Antiepileptic Activity of New 2-((1,5-Diphenyl-1H-1,2,4-Triazol-3-yl)Thio)-N-Phenylacetamide Derivatives. <i>Polycyclic Aromatic Compounds</i> , 1-15 | 1.3 |
| 5 | Hassan Farsam (1932-2016). <i>Acta Medica Iranica</i> , 2016 , 54, 83-4 | |
| 4 | The anti-inflammatory effect of dapsone on ovalbumin-induced allergic rhinitis in balb/c mice.. <i>Life Sciences</i> , 2022 , 120449 | 6.8 |
| 3 | Allergic rhinitis in BALB/c mice is associated with behavioral and hippocampus changes and neuroinflammation via the TLR4/ NF- κ B signaling pathway.. <i>International Immunopharmacology</i> , 2022 , 108, 108725 | 5.8 |
| 2 | essential oil reduced acetic acid-induced rat colitis through suppression of NF- κ B pathway. <i>Avicenna Journal of Phytomedicine</i> , 2021 , 11, 505-514 | 1.4 |
| 1 | Naltrexone protects against BDL-induced cirrhosis by attenuating thrombospondin-1 and enhancing antioxidant defense system via Nrf-2 in Wistar rats.. <i>Life Sciences</i> , 2022 , 120576 | 6.8 |