

Anil - Kumar

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194
papers

6,494
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42
h-index

69
g-index

209
ext. papers

7,391
ext. citations

3.8
avg, IF

6.48
L-index

#	Paper	IF	Citations
194	A review on Alzheimer's disease pathophysiology and its management: an update. <i>Pharmacological Reports</i> , 2015 , 67, 195-203	3.9	871
193	Current knowledge and pharmacological profile of berberine: An update. <i>European Journal of Pharmacology</i> , 2015 , 761, 288-97	5.3	260
192	Naringin alleviates cognitive impairment, mitochondrial dysfunction and oxidative stress induced by D-galactose in mice. <i>Food and Chemical Toxicology</i> , 2010 , 48, 626-32	4.7	134
191	Protective effect of curcumin (<i>Curcuma longa</i>), against aluminium toxicity: Possible behavioral and biochemical alterations in rats. <i>Behavioural Brain Research</i> , 2009 , 205, 384-90	3.4	131
190	Effect of resveratrol on 3-nitropropionic acid-induced biochemical and behavioural changes: possible neuroprotective mechanisms. <i>Behavioural Pharmacology</i> , 2006 , 17, 485-92	2.4	124
189	Neuroprotective effects of resveratrol against intracerebroventricular colchicine-induced cognitive impairment and oxidative stress in rats. <i>Pharmacology</i> , 2007 , 79, 17-26	2.3	101
188	Protective effect of naringin against ischemic reperfusion cerebral injury: possible neurobehavioral, biochemical and cellular alterations in rat brain. <i>European Journal of Pharmacology</i> , 2009 , 616, 147-54	5.3	99
187	A review on mitochondrial restorative mechanism of antioxidants in Alzheimer's disease and other neurological conditions. <i>Frontiers in Pharmacology</i> , 2015 , 6, 206	5.6	91
186	Protective effect of hesperidin and naringin against 3-nitropropionic acid induced Huntington's like symptoms in rats: possible role of nitric oxide. <i>Behavioural Brain Research</i> , 2010 , 206, 38-46	3.4	86
185	Role of LOX/COX pathways in 3-nitropropionic acid-induced Huntington's disease-like symptoms in rats: protective effect of licofelone. <i>British Journal of Pharmacology</i> , 2011 , 164, 644-54	8.6	84
184	Effect of lycopene and epigallocatechin-3-gallate against 3-nitropropionic acid induced cognitive dysfunction and glutathione depletion in rat: a novel nitric oxide mechanism. <i>Food and Chemical Toxicology</i> , 2009 , 47, 2522-30	4.7	81
183	Possible neuroprotective mechanisms of curcumin in attenuating 3-nitropropionic acid-induced neurotoxicity. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2007 , 29, 19-25		81
182	Possible neuroprotective effect of <i>Withania somnifera</i> root extract against 3-nitropropionic acid-induced behavioral, biochemical, and mitochondrial dysfunction in an animal model of Huntington's disease. <i>Journal of Medicinal Food</i> , 2009 , 12, 591-600	2.8	77
181	Suppression of neuroinflammatory and apoptotic signaling cascade by curcumin alone and in combination with piperine in rat model of olfactory bulbectomy induced depression. <i>PLoS ONE</i> , 2013 , 8, e61052	3.7	76
180	Implicating the role of lycopene in restoration of mitochondrial enzymes and BDNF levels in Amyloid induced Alzheimer's disease. <i>European Journal of Pharmacology</i> , 2014 , 741, 104-11	5.3	74
179	Quercetin suppress microglial neuroinflammatory response and induce antidepressant-like effect in olfactory bulbectomized rats. <i>Neuroscience</i> , 2013 , 255, 86-98	3.9	73
178	Huntington's disease: pathogenesis to animal models. <i>Pharmacological Reports</i> , 2010 , 62, 1-14	3.9	71

177	Centella asiatica Attenuates D-Galactose-Induced Cognitive Impairment, Oxidative and Mitochondrial Dysfunction in Mice. <i>International Journal of Alzheimer's Disease</i> , 2011 , 2011, 347569	3.7	69
176	Neuroprotective potential of atorvastatin and simvastatin (HMG-CoA reductase inhibitors) against 6-hydroxydopamine (6-OHDA) induced Parkinson-like symptoms. <i>Brain Research</i> , 2012 , 1471, 13-22	3.7	67
175	Possible role of sertraline against 3-nitropropionic acid induced behavioral, oxidative stress and mitochondrial dysfunctions in rat brain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009 , 33, 100-8	5.5	67
174	Role of nuclear receptor on regulation of BDNF and neuroinflammation in hippocampus of Amyloid animal model of Alzheimer's disease. <i>Neurotoxicity Research</i> , 2014 , 25, 335-47	4.3	65
173	Cyclooxygenase inhibition attenuates 3-nitropropionic acid-induced neurotoxicity in rats: possible antioxidant mechanisms. <i>Fundamental and Clinical Pharmacology</i> , 2007 , 21, 297-306	3.1	64
172	Protective effect of naringin, a citrus flavonoid, against colchicine-induced cognitive dysfunction and oxidative damage in rats. <i>Journal of Medicinal Food</i> , 2010 , 13, 976-84	2.8	62
171	Neuroprotective effect of carvedilol against aluminium induced toxicity: possible behavioral and biochemical alterations in rats. <i>Pharmacological Reports</i> , 2011 , 63, 915-23	3.9	62
170	Protective effect of quercetin against ICV colchicine-induced cognitive dysfunctions and oxidative damage in rats. <i>Phytotherapy Research</i> , 2008 , 22, 1563-9	6.7	62
169	Hesperidin pre-treatment attenuates NO-mediated cerebral ischemic reperfusion injury and memory dysfunction. <i>Pharmacological Reports</i> , 2010 , 62, 635-48	3.9	61
168	Piperine potentiates the protective effects of curcumin against chronic unpredictable stress-induced cognitive impairment and oxidative damage in mice. <i>Brain Research</i> , 2012 , 1488, 38-50	3.7	60
167	Protective effect of curcumin (<i>Curcuma longa</i>) against D-galactose-induced senescence in mice. <i>Journal of Asian Natural Products Research</i> , 2011 , 13, 42-55	1.5	58
166	Neuroprotective Effects of Centella asiatica against Intracerebroventricular Colchicine-Induced Cognitive Impairment and Oxidative Stress. <i>International Journal of Alzheimer's Disease</i> , 2009 , 2009,	3.7	58
165	Animal models of insulin resistance: A review. <i>Pharmacological Reports</i> , 2016 , 68, 1165-1177	3.9	55
164	A review on animal models of stroke: An update. <i>Brain Research Bulletin</i> , 2016 , 122, 35-44	3.9	54
163	Therapeutic potential of mGluR5 targeting in Alzheimer's disease. <i>Frontiers in Neuroscience</i> , 2015 , 9, 215	5.1	53
162	Possible GABAergic mechanism in the neuroprotective effect of gabapentin and lamotrigine against 3-nitropropionic acid induced neurotoxicity. <i>European Journal of Pharmacology</i> , 2012 , 674, 265-74	5.3	52
161	Effect of N-acetyl cysteine against aluminium-induced cognitive dysfunction and oxidative damage in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009 , 105, 98-104	3.1	51
160	Possible nitric oxide modulation in protective effect of (<i>Curcuma longa</i> , Zingiberaceae) against sleep deprivation-induced behavioral alterations and oxidative damage in mice. <i>Phytomedicine</i> , 2008 , 15, 577-86	6.5	50

159	Neuroprotective effect of cyclosporine and FK506 against 3-nitropropionic acid induced cognitive dysfunction and glutathione redox in rat: possible role of nitric oxide. <i>Neuroscience Research</i> , 2009 , 63, 302-14	2.9	48
158	Effect of carvedilol on behavioral, mitochondrial dysfunction, and oxidative damage against D-galactose induced senescence in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009 , 380, 431-41	3.4	47
157	Possible nitric oxide mechanism in the protective effect of hesperidin against pentylenetetrazole (PTZ)-induced kindling and associated cognitive dysfunction in mice. <i>Epilepsy and Behavior</i> , 2013 , 29, 103-11	3.2	44
156	Nitric oxide mechanism in the protective effect of naringin against post-stroke depression (PSD) in mice. <i>Life Sciences</i> , 2010 , 86, 928-35	6.8	44
155	Differential effects of cyclooxygenase inhibitors on intracerebroventricular colchicine-induced dysfunction and oxidative stress in rats. <i>European Journal of Pharmacology</i> , 2006 , 551, 58-66	5.3	44
154	Naringin protects memory impairment and mitochondrial oxidative damage against aluminum-induced neurotoxicity in rats. <i>International Journal of Neuroscience</i> , 2013 , 123, 636-45	2	43
153	Lycopene modulates nitric oxide pathways against 3-nitropropionic acid-induced neurotoxicity. <i>Life Sciences</i> , 2009 , 85, 711-8	6.8	43
152	Mitoprotective effect of Centella asiatica against aluminum-induced neurotoxicity in rats: possible relevance to its anti-oxidant and anti-apoptosis mechanism. <i>Neurological Sciences</i> , 2013 , 34, 1403-9	3.5	42
151	Targeting neuro-inflammatory cytokines and oxidative stress by minocycline attenuates quinolinic-acid-induced Huntington's disease-like symptoms in rats. <i>Neurotoxicity Research</i> , 2012 , 22, 310-20	4.3	42
150	Protective effect of rivastigmine against 3-nitropropionic acid-induced Huntington's disease like symptoms: possible behavioural, biochemical and cellular alterations. <i>European Journal of Pharmacology</i> , 2009 , 615, 91-101	5.3	41
149	Colchicines-induced neurotoxicity as an animal model of sporadic dementia of Alzheimer's type. <i>Pharmacological Reports</i> , 2007 , 59, 274-83	3.9	41
148	Protective effect of sesamol against 3-nitropropionic acid-induced cognitive dysfunction and altered glutathione redox balance in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010 , 107, 577-82	3.1	40
147	Protective effect of non-selective and selective COX-2-inhibitors in acute immobilization stress-induced behavioral and biochemical alterations. <i>Pharmacological Reports</i> , 2007 , 59, 699-707	3.9	40
146	Minocycline modulates neuroprotective effect of hesperidin against quinolinic acid induced Huntington's disease like symptoms in rats: behavioral, biochemical, cellular and histological evidences. <i>European Journal of Pharmacology</i> , 2013 , 720, 16-28	5.3	39
145	Pioglitazone ameliorates behavioral, biochemical and cellular alterations in quinolinic acid induced neurotoxicity: possible role of peroxisome proliferator activated receptor-Upsilon (PPAR-Upsilon) in Huntington's disease. <i>Pharmacology Biochemistry and Behavior</i> , 2010 , 96, 115-24	3.9	39
144	Quercetin protects against acute immobilization stress-induced behaviors and biochemical alterations in mice. <i>Journal of Medicinal Food</i> , 2008 , 11, 469-73	2.8	39
143	Neuroprotective effect of hemeoxygenase-1/glycogen synthase kinase-3 β modulators in 3-nitropropionic acid-induced neurotoxicity in rats. <i>Neuroscience</i> , 2015 , 287, 66-77	3.9	38
142	Neuropathic Pain models caused by damage to central or peripheral nervous system. <i>Pharmacological Reports</i> , 2018 , 70, 206-216	3.9	37

141	Stress: Neurobiology, consequences and management. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2013 , 5, 91-7	1.1	36
140	Protective effect of montelukast against quinolinic acid/malonic acid induced neurotoxicity: possible behavioral, biochemical, mitochondrial and tumor necrosis factor- α level alterations in rats. <i>Neuroscience</i> , 2010 , 171, 284-99	3.9	36
139	Lycopene protects against memory impairment and mito-oxidative damage induced by colchicine in rats: an evidence of nitric oxide signaling. <i>European Journal of Pharmacology</i> , 2013 , 721, 373-81	5.3	35
138	Behavioral, biochemical and cellular correlates in the protective effect of sertraline against transient global ischemia induced behavioral despair: possible involvement of nitric oxide-cyclic guanosine monophosphate study pathway. <i>Brain Research Bulletin</i> , 2010 , 82, 57-64	3.9	33
137	Nrf2: a potential therapeutic target for diabetic neuropathy. <i>Inflammopharmacology</i> , 2017 , 25, 393-402	5.1	32
136	Protective effect of desipramine, venlafaxine and trazodone against experimental animal model of transient global ischemia: possible involvement of NO-cGMP pathway. <i>Brain Research</i> , 2010 , 1353, 204-127	3.7	32
135	Quercetin along with piperine prevents cognitive dysfunction, oxidative stress and neuro-inflammation associated with mouse model of chronic unpredictable stress. <i>Archives of Pharmacal Research</i> , 2017 , 40, 1166-1175	6.1	31
134	Venlafaxine involves nitric oxide modulatory mechanism in experimental model of chronic behavior despair in mice. <i>Brain Research</i> , 2010 , 1311, 73-80	3.7	31
133	Improved mechanical performance of bisphenol-A graphene-oxide nano-composites. <i>Journal of Composite Materials</i> , 2018 , 52, 2179-2188	2.7	31
132	Synthesis, evaluation and computational studies on a series of acetophenone based 1-(aryloxypropyl)-4-(chloroaryl) piperazines as potential atypical antipsychotics. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 2656-62	6.8	30
131	Effect of St. John's Wort (<i>Hypericum perforatum</i>) treatment on restraint stress-induced behavioral and biochemical alteration in mice. <i>BMC Complementary and Alternative Medicine</i> , 2010 , 10, 18	4.7	30
130	Effect of curcumin on intracerebroventricular colchicine-induced cognitive impairment and oxidative stress in rats. <i>Journal of Medicinal Food</i> , 2007 , 10, 486-94	2.8	30
129	Montelukast potentiates the protective effect of rofecoxib against kainic acid-induced cognitive dysfunction in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 43-52	3.9	29
128	Attenuation of proinflammatory cytokines and apoptotic process by verapamil and diltiazem against quinolinic acid induced Huntington like alterations in rats. <i>Brain Research</i> , 2011 , 1372, 115-26	3.7	29
127	Nitric oxide mechanism in protective effect of imipramine and venlafaxine against acute immobilization stress-induced behavioral and biochemical alteration in mice. <i>Neuroscience Letters</i> , 2009 , 467, 72-5	3.3	29
126	Nitric oxide mechanism in the protective effect of antidepressants against 3-nitropropionic acid-induced cognitive deficit, glutathione and mitochondrial alterations in animal model of Huntington's disease. <i>Behavioural Pharmacology</i> , 2010 , 21, 217-30	2.4	29
125	Co-administration of acetyl-11-keto-beta-boswellic acid, a specific 5-lipoxygenase inhibitor, potentiates the protective effect of COX-2 inhibitors in kainic acid-induced neurotoxicity in mice. <i>Pharmacology</i> , 2007 , 79, 34-41	2.3	29
124	Galantamine potentiates the protective effect of rofecoxib and caffeic acid against intrahippocampal Kainic acid-induced cognitive dysfunction in rat. <i>Brain Research Bulletin</i> , 2011 , 85, 158-68	3.0	28

123	Role of Nitric Oxide in Stress-Induced Anxiety: From Pathophysiology to Therapeutic Target. <i>Vitamins and Hormones</i> , 2017 , 103, 147-167	2.5	27
122	Pioglitazone alleviates the mitochondrial apoptotic pathway and mito-oxidative damage in the d-galactose-induced mouse model. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013 , 40, 644-51	3	27
121	Effect of caffeic acid and rofecoxib and their combination against intrastriatal quinolinic acid induced oxidative damage, mitochondrial and histological alterations in rats. <i>Inflammopharmacology</i> , 2009 , 17, 211-9	5.1	27
120	Protective effects of epigallocatechin gallate following 3-nitropropionic acid-induced brain damage: possible nitric oxide mechanisms. <i>Psychopharmacology</i> , 2009 , 207, 257-70	4.7	27
119	Sesamol attenuate 3-nitropropionic acid-induced Huntington-like behavioral, biochemical, and cellular alterations in rats. <i>Journal of Asian Natural Products Research</i> , 2009 , 11, 439-50	1.5	27
118	Ameliorative potential of rutin in combination with nimesulide in STZ model of diabetic neuropathy: targeting Nrf2/HO-1/NF-kB and COX signalling pathway. <i>Inflammopharmacology</i> , 2018 , 26, 755-768	5.1	26
117	Novel protective mechanisms of antidepressants against 3-nitropropionic acid induced Huntington-like symptoms: a comparative study. <i>Journal of Psychopharmacology</i> , 2011 , 25, 1399-411	4.6	26
116	Possible role of P-glycoprotein in the neuroprotective mechanism of berberine in intracerebroventricular streptozotocin-induced cognitive dysfunction. <i>Psychopharmacology</i> , 2016 , 233, 137-52	4.7	25
115	Neuroprotective mechanism of Coenzyme Q10 (CoQ10) against PTZ induced kindling and associated cognitive dysfunction: Possible role of microglia inhibition. <i>Pharmacological Reports</i> , 2016 , 68, 1301-1311	3.9	25
114	Neuroprotective effect of N-acetyl cysteine against streptozotocin-induced memory dysfunction and oxidative damage in rats. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2015 , 26, 13-23	1.6	25
113	Hesperidin potentiates the neuroprotective effects of diazepam and gabapentin against pentylentetrazole-induced convulsions in mice: Possible behavioral, biochemical and mitochondrial alterations. <i>Indian Journal of Pharmacology</i> , 2014 , 46, 309-15	2.5	25
112	Protective effects of antidepressants against chronic fatigue syndrome-induced behavioral changes and biochemical alterations. <i>Fundamental and Clinical Pharmacology</i> , 2009 , 23, 89-95	3.1	25
111	Protective effect of St. John's wort (<i>Hypericum perforatum</i>) extract on 72-hour sleep deprivation-induced anxiety-like behavior and oxidative damage in mice. <i>Planta Medica</i> , 2007 , 73, 1358-64	3.1	25
110	Possible nitric oxide modulation in protective effect of FK-506 against 3-nitropropionic acid-induced behavioral, oxidative, neurochemical, and mitochondrial alterations in rat brain. <i>Drug and Chemical Toxicology</i> , 2010 , 33, 377-92	2.3	24
109	Possible involvement of nitric oxide mechanism in the neuroprotective effect of rutin against immobilization stress induced anxiety like behaviour, oxidative damage in mice. <i>Pharmacological Reports</i> , 2014 , 66, 15-21	3.9	23
108	Targeting oxidative stress, mitochondrial dysfunction and neuroinflammatory signaling by selective cyclooxygenase (COX)-2 inhibitors mitigates MPTP-induced neurotoxicity in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011 , 35, 974-81	5.5	23
107	Protective effect of rofecoxib and nimesulide against intra-striatal quinolinic acid-induced behavioral, oxidative stress and mitochondrial dysfunctions in rats. <i>NeuroToxicology</i> , 2010 , 31, 195-203	4.4	23
106	Mapping Txnip: Key connexions in progression of diabetic nephropathy. <i>Pharmacological Reports</i> , 2018 , 70, 614-622	3.9	22

105	Role of Glutathione-S-transferases in neurological problems. <i>Expert Opinion on Therapeutic Patents</i> , 2017 , 27, 299-309	6.8	22
104	Neuroprotective potentials of candesartan, atorvastatin and their combination against stroke induced motor dysfunction. <i>Inflammopharmacology</i> , 2011 , 19, 205-14	5.1	22
103	Neuroprotective effect of carvedilol, an adrenergic antagonist against colchicine induced cognitive impairment and oxidative damage in rat. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 92, 25-31	3.9	22
102	Possible involvement of GABAergic mechanism in protective effect of melatonin against sleep deprivation-induced behaviour modification and oxidative damage in mice. <i>Fundamental and Clinical Pharmacology</i> , 2009 , 23, 439-48	3.1	22
101	Neuroprotective Effect of Lycopene Against PTZ-induced Kindling Seizures in Mice: Possible Behavioural, Biochemical and Mitochondrial Dysfunction. <i>Phytotherapy Research</i> , 2016 , 30, 306-13	6.7	22
100	Effect of nonselective and selective COX-2 inhibitors on memory dysfunction, glutathione system, and tumor necrosis factor alpha level against cerebral ischemia reperfusion injury. <i>Drug and Chemical Toxicology</i> , 2012 , 35, 218-24	2.3	21
99	Licofelone attenuates quinolinic acid induced Huntington like symptoms: possible behavioral, biochemical and cellular alterations. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011 , 35, 607-15	5.5	21
98	Effect of chronic treatment of carvedilol on oxidative stress in an intracerebroventricular streptozotocin induced model of dementia in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2009 , 61, 1665-72	4.8	21
97	Improvement of mitochondrial NAD(+)/FAD(+)-linked state-3 respiration by caffeine attenuates quinolinic acid induced motor impairment in rats: implications in Huntington's disease. <i>Pharmacological Reports</i> , 2014 , 66, 1148-55	3.9	20
96	Suppressing inflammatory cascade by cyclo-oxygenase inhibitors attenuates quinolinic acid induced Huntington's disease-like alterations in rats. <i>Life Sciences</i> , 2011 , 88, 784-91	6.8	20
95	Protective effect of Withania somnifera Dunal on the behavioral and biochemical alterations in sleep-disturbed mice (Grid over water suspended method). <i>Indian Journal of Experimental Biology</i> , 2007 , 45, 524-8		20
94	Rosiglitazone synergizes the neuroprotective effects of valproic acid against quinolinic acid-induced neurotoxicity in rats: targeting PPAR α and HDAC pathways. <i>Neurotoxicity Research</i> , 2014 , 26, 130-51	4.3	19
93	Microglial inhibitory effect of ginseng ameliorates cognitive deficits and neuroinflammation following traumatic head injury in rats. <i>Inflammopharmacology</i> , 2014 , 22, 155-67	5.1	19
92	Modulation of nitrenergic signalling pathway by American ginseng attenuates chronic unpredictable stress-induced cognitive impairment, neuroinflammation, and biochemical alterations. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014 , 387, 129-41	3.4	19
91	Protective effect of cyclooxygenase (COX)-inhibitors against drug-induced catatonia and MPTP-induced striatal lesions in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 94, 219-26	3.9	19
90	Protective effect of alprazolam against sleep deprivation-induced behavior alterations and oxidative damage in mice. <i>Neuroscience Research</i> , 2008 , 60, 372-9	2.9	19
89	Synergistic action of ursolic acid and metformin in experimental model of insulin resistance and related behavioral alterations. <i>European Journal of Pharmacology</i> , 2018 , 835, 31-40	5.3	18
88	Role of neurosteroids in experimental 3-nitropropionic acid induced neurotoxicity in rats. <i>European Journal of Pharmacology</i> , 2014 , 723, 38-45	5.3	18

87	Effects of caffeic acid, rofecoxib, and their combination against quinolinic acid-induced behavioral alterations and disruption in glutathione redox status. <i>Neuroscience Bulletin</i> , 2009 , 25, 343-52	4.3	18
86	Ameliorative potential of pioglitazone and ceftriaxone alone and in combination in rat model of neuropathic pain: Targeting PPAR α and GLT-1 pathways. <i>Pharmacological Reports</i> , 2016 , 68, 85-94	3.9	17
85	Preclinical Explorative Assessment of Dimethyl Fumarate-Based Biocompatible Nanolipoidal Carriers for the Management of Multiple Sclerosis. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 1152-1158	5.7	17
84	Possible neuroprotective mechanisms of clove oil against icv-colchicine induced cognitive dysfunction. <i>Pharmacological Reports</i> , 2016 , 68, 764-72	3.9	17
83	Emerging role of orexin antagonists in insomnia therapeutics: An update on SORAs and DORAs. <i>Pharmacological Reports</i> , 2016 , 68, 231-42	3.9	17
82	Improvement of mitochondrial function by paliperidone attenuates quinolinic acid-induced behavioural and neurochemical alterations in rats: implications in Huntington's disease. <i>Neurotoxicity Research</i> , 2014 , 26, 363-81	4.3	17
81	Buspirone along with melatonin attenuates oxidative damage and anxiety-like behavior in a mouse model of immobilization stress. <i>Chinese Journal of Natural Medicines</i> , 2014 , 12, 582-9	2.8	17
80	Synthesis and evaluation of 1-(quinoliloxypopyl)-4-aryl piperazines for atypical antipsychotic effect. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 3041-4	2.9	17
79	A role of nitric oxide mechanism involved in the protective effects of venlafaxine in sleep deprivation. <i>Behavioural Brain Research</i> , 2008 , 194, 169-73	3.4	17
78	GABA-BZD Receptor Modulating Mechanism of Panax quinquefolius against 72-h Sleep Deprivation Induced Anxiety like Behavior: Possible Roles of Oxidative Stress, Mitochondrial Dysfunction and Neuroinflammation. <i>Frontiers in Neuroscience</i> , 2016 , 10, 84	5.1	17
77	Quantum information entropy of Eckart potential. <i>International Journal of Quantum Chemistry</i> , 2016 , 116, 1413-1418	2.1	16
76	Microglial Inhibitory Mechanism of Coenzyme Q10 Against A β (1-42) Induced Cognitive Dysfunctions: Possible Behavioral, Biochemical, Cellular, and Histopathological Alterations. <i>Frontiers in Pharmacology</i> , 2015 , 6, 268	5.6	16
75	Synergistical neuroprotection of rofecoxib and statins against malonic acid induced Huntington's disease like symptoms and related cognitive dysfunction in rats. <i>European Journal of Pharmacology</i> , 2013 , 709, 1-12	5.3	16
74	Potential drug targets and treatment of schizophrenia. <i>Inflammopharmacology</i> , 2017 , 25, 277-292	5.1	15
73	Protective effects of selective and non-selective cyclooxygenase inhibitors in an animal model of chronic stress. <i>Neuroscience Bulletin</i> , 2010 , 26, 17-27	4.3	15
72	Potential role of pioglitazone, caffeic acid and their combination against fatigue syndrome-induced behavioural, biochemical and mitochondrial alterations in mice. <i>Inflammopharmacology</i> , 2010 , 18, 241-51	5.1	15
71	Targeting oxidative stress attenuates malonic acid induced Huntington like behavioral and mitochondrial alterations in rats. <i>European Journal of Pharmacology</i> , 2010 , 634, 46-52	5.3	15
70	Possible involvement of GABAergic modulation in the protective effect of gabapentin against immobilization stress-induced behavior alterations and oxidative damage in mice. <i>Fundamental and Clinical Pharmacology</i> , 2007 , 21, 575-81	3.1	15

69	Neuropathology and therapeutic management of Alzheimer's disease - An update. <i>Drugs of the Future</i> , 2008 , 33, 433	2.3	15
68	Oral Delivery of Methylthioadenosine to the Brain Employing Solid Lipid Nanoparticles: Pharmacokinetic, Behavioral, and Histopathological Evidences. <i>AAPS PharmSciTech</i> , 2019 , 20, 74	3.9	15
67	Nitric oxide modulation mediates the protective effect of trazodone in a mouse model of chronic fatigue syndrome. <i>Pharmacological Reports</i> , 2008 , 60, 664-72	3.9	15
66	Prolonged pretreatment with carvedilol prevents 3-nitropropionic acid-induced behavioral alterations and oxidative stress in rats. <i>Pharmacological Reports</i> , 2008 , 60, 706-15	3.9	15
65	Effect of nitric oxide in protective effect of melatonin against chronic constriction sciatic nerve injury induced neuropathic pain in rats. <i>Indian Journal of Experimental Biology</i> , 2011 , 49, 664-71		15
64	Comparative neuroprotective profile of statins in quinolinic acid induced neurotoxicity in rats. <i>Behavioural Brain Research</i> , 2011 , 216, 220-8	3.4	14
63	Protective effect of gallic acid in experimental model of ketamine-induced psychosis: possible behaviour, biochemical, neurochemical and cellular alterations. <i>Inflammopharmacology</i> , 2018 , 26, 413-424	5.1	13
62	Possible nitric oxide modulation in the protective effects of rutin against experimental head trauma-induced cognitive deficits: behavioral, biochemical, and molecular correlates. <i>Journal of Surgical Research</i> , 2014 , 188, 268-79	2.5	13
61	Protective effect of HMG CoA reductase inhibitors against running wheel activity induced fatigue, anxiety like behavior, oxidative stress and mitochondrial dysfunction in mice. <i>Pharmacological Reports</i> , 2012 , 64, 1326-36	3.9	13
60	Protective effect of melatonin on certain behavioral and biochemical alterations induced by sleep-deprivation in mice. <i>Indian Journal of Pharmacology</i> , 2007 , 39, 48	2.5	13
59	Possible nitric oxide mechanism in the protective effect of hesperidin against ischemic reperfusion cerebral injury in rats. <i>Indian Journal of Experimental Biology</i> , 2011 , 49, 609-18		13
58	Effect of trimethylgallic acid esters against chronic stress-induced anxiety-like behavior and oxidative stress in mice. <i>Pharmacological Reports</i> , 2014 , 66, 606-12	3.9	12
57	Potential role of licofelone, minocycline and their combination against chronic fatigue stress induced behavioral, biochemical and mitochondrial alterations in mice. <i>Pharmacological Reports</i> , 2012 , 64, 1105-15	3.9	12
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