

Anil - Kumar

List of Publications by Year in Descending Order

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

194
papers

6,494
citations

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	The Impact of Coenzyme Q10 on Neurodegeneration: a Comprehensive Review. <i>Current Pharmacology Reports</i> , 2022 , 8, 1-19	5.5	0
193	Therapeutic potential of against the Aβ-induced oxidative stress and mitochondrial dysfunction in the rats. <i>American Journal of Neurodegenerative Disease</i> , 2021 , 10, 13-27	2.5	
192	A Review on Rheumatoid Arthritis Interventions and Current Developments. <i>Current Drug Targets</i> , 2021 , 22, 463-483	3	1
191	What is autism?. <i>Pharmacological Reports</i> , 2021 , 73, 1255-1264	3.9	1
190	QbD-steered development of mixed nanomicelles of galantamine: Demonstration of enhanced brain uptake, prolonged systemic retention and improved biopharmaceutical attributes. <i>International Journal of Pharmaceutics</i> , 2021 , 600, 120482	6.5	2
189	Possible Biomarkers and Contributing Factors of Psychosis: a Review. <i>Current Pharmacology Reports</i> , 2021 , 7, 123-134	5.5	1
188	Galactosylated nanoconstructs of Berberine with enhanced Biopharmaceutical and cognitive potential: A preclinical evidence in Alzheimer's disease. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102695	4.5	0
187	Naringenin ameliorates diabetic neuropathic pain by modulation of oxidative-nitrosative stress, cytokines and MMP-9 levels. <i>Food and Function</i> , 2020 , 11, 4548-4560	6.1	10
186	Neuroprotective potential of azilsartan against cerebral ischemic injury: Possible involvement of mitochondrial mechanisms. <i>Neurochemistry International</i> , 2020 , 132, 104604	4.4	12
185	Possible Pharmacodynamic Interaction of Azelnidipine with Citicoline Against Ischemic Brain Injury: Behavioral, Biochemical and Histological Alterations. <i>Annals of Neurosciences</i> , 2020 , 27, 9-17	1.1	
184	Alteration in memory cognition due to activation of caveolin-1 and oxidative damage in a model of dementia of Alzheimer's type. <i>Indian Journal of Pharmacology</i> , 2019 , 51, 173-180	2.5	5
183	INFLUENCE OF TIME DEPENDENT ISCHEMIC DURATION ON PATHOLOGICAL CASCADES FOLLOWING TRANSIENT GLOBAL CEREBRAL ISCHEMIA. <i>International Research Journal of Pharmacy</i> , 2019 , 10, 105-113	0.2	
182	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
181	Management of HD: Insight into Molecular Mechanisms and Potential Neuroprotective Drug Strategies 2019 , 197-206		1
180	Targeting oxidative stress, acetylcholinesterase, proinflammatory cytokine, dopamine and GABA by eucalyptus oil (<i>Eucalyptus globulus</i>) to alleviate ketamine-induced psychosis in rats. <i>Inflammopharmacology</i> , 2019 , 27, 301-311	5.1	6
179	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
178	Mapping Txnip: Key connexions in progression of diabetic nephropathy. <i>Pharmacological Reports</i> , 2018 , 70, 614-622	3.9	22

177	Tramadol ameliorates behavioural, biochemical, mitochondrial and histological alterations in ICV-STZ-induced sporadic dementia of Alzheimer's type in rats. <i>Inflammopharmacology</i> , 2018 , 26, 925-938	5.1	3
176	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
175	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
174	Neuropathic Pain models caused by damage to central or peripheral nervous system. <i>Pharmacological Reports</i> , 2018 , 70, 206-216	3.9	37
173	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
172	Discovery of Neuroprotective Antioxidants for the Management of Ischemic Brain Stroke 2018 , 377-399		1
171	Protective effects of Spinacia oleracea seeds extract in an experimental model of schizophrenia: Possible behavior, biochemical, neurochemical and cellular alterations. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 105, 1015-1025	7.5	9
170	Improved mechanical performance of bisphenol-A graphene-oxide nano-composites. <i>Journal of Composite Materials</i> , 2018 , 52, 2179-2188	2.7	31
169	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
168	Possible Role of Neuroprotectants and Natural Products in Epilepsy: Clinical Aspects and Mode of Action 2017 , 247-277		1
167	Protective effect of losartan and ramipril against stress induced insulin resistance and related complications: Anti-inflammatory mechanisms. <i>European Journal of Pharmacology</i> , 2017 , 801, 54-61	5.3	5
166	Potential drug targets and treatment of schizophrenia. <i>Inflammopharmacology</i> , 2017 , 25, 277-292	5.1	15
165	Nrf2: a potential therapeutic target for diabetic neuropathy. <i>Inflammopharmacology</i> , 2017 , 25, 393-402	5.1	32
164	An Insight into Mechanisms underlying Sleep Deprivation Induced Cognitive Dysfunction 2017 , 06,		2
163	Role of Glutathione-S-transferases in neurological problems. <i>Expert Opinion on Therapeutic Patents</i> , 2017 , 27, 299-309	6.8	22
162	[P2046]: POSSIBLE NITRIC OXIDE MODULATORY MECHANISM OF AMERICAN GINSENG AGAINST CHRONIC UNPREDICTABLE STRESS-INDUCED COGNITIVE IMPAIRMENT, NEUROINFLAMMATION, AND BIOCHEMICAL ALTERATIONS 2017 , 13, P622-P622		
161	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
160	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

159	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
158	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
157	Animal models of insulin resistance: A review. <i>Pharmacological Reports</i> , 2016 , 68, 1165-1177	3.9	55
156	Quantum information entropy of Eckart potential. <i>International Journal of Quantum Chemistry</i> , 2016 , 116, 1413-1418	2.1	16
155	Plausible anti-inflammatory mechanism of resveratrol and caffeic acid against chronic stress-induced insulin resistance in mice. <i>Inflammopharmacology</i> , 2016 , 24, 347-361	5.1	10
154	Possible Involvement of Nitric Oxide Modulatory Mechanisms in the Neuroprotective Effect of Centella asiatica Against Sleep Deprivation Induced Anxiety Like Behaviour, Oxidative Damage and Neuroinflammation. <i>Phytotherapy Research</i> , 2016 , 30, 671-80	6.7	9
153	Possible neuroprotective mechanisms of clove oil against icv-colchicine induced cognitive dysfunction. <i>Pharmacological Reports</i> , 2016 , 68, 764-72	3.9	17
152	A review on animal models of stroke: An update. <i>Brain Research Bulletin</i> , 2016 , 122, 35-44	3.9	54
151	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
150	Comparative Analysis of Intrahippocampal Amyloid Beta (1-42) and Intracerebroventricular Streptozotocin Models of Alzheimer's Disease: Possible Behavioral, Biochemical, Mitochondrial, Cellular and Histopathological Evidences 2016 , 06,		10
149	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
148	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
147	Modulation of the Nitroergic Pathway via Activation of PPAR- α Contributes to the Neuroprotective Effect of Pioglitazone Against Streptozotocin-Induced Memory Dysfunction. <i>Journal of Molecular Neuroscience</i> , 2015 , 56, 739-50	3.3	9
146	Neuroprotective mechanism of losartan and its interaction with nimesulide against chronic fatigue stress. <i>Inflammopharmacology</i> , 2015 , 23, 291-305	5.1	5
145	Current knowledge and pharmacological profile of berberine: An update. <i>European Journal of Pharmacology</i> , 2015 , 761, 288-97	5.3	260
144	A review on Alzheimer's disease pathophysiology and its management: an update. <i>Pharmacological Reports</i> , 2015 , 67, 195-203	3.9	871
143	Therapeutic potential of mGluR5 targeting in Alzheimer's disease. <i>Frontiers in Neuroscience</i> , 2015 , 9, 215	5.1	53
142	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

141	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
140	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
139	P3-321: Possible behavioral, biochemical, and mitochondrial enzyme alterations in the neuroprotective effect of centella asiatica against aluminum-induced cognitive dysfunction 2015 , 11, P761-P761		
138	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
137	Possible involvement of nitric oxide modulatory mechanism in the protective effect of retigabine against spinal nerve ligation-induced neuropathic pain. <i>Cellular and Molecular Neurobiology</i> , 2015 , 35, 137-46	4.6	8
136	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
135	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
134	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
133	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
132	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
131	Role of nuclear receptor on regulation of BDNF and neuroinflammation in hippocampus of β amyloid animal model of Alzheimer's disease. <i>Neurotoxicity Research</i> , 2014 , 25, 335-47	4.3	65
130	Implicating the role of lycopene in restoration of mitochondrial enzymes and BDNF levels in β amyloid induced Alzheimer's disease. <i>European Journal of Pharmacology</i> , 2014 , 741, 104-11	5.3	74
129	Sleep reduction: A link to other neurobiological diseases. <i>Sleep and Biological Rhythms</i> , 2014 , 12, 150-161	1.3	8
128	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
127	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
126	Panax quinquefolium involves nitric oxide pathway in olfactory bulbectomy rat model. <i>Physiology and Behavior</i> , 2014 , 129, 142-51	3.5	7
125	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
124	Hesperidin potentiates the neuroprotective effects of diazepam and gabapentin against pentylenetetrazole-induced convulsions in mice: Possible behavioral, biochemical and mitochondrial alterations. <i>Indian Journal of Pharmacology</i> , 2014 , 46, 309-15	2.5	25

123	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
122	Effect of Ashwagandha (<i>Withania somnifera</i>) against chronic constriction injury induced behavioral and biochemical alterations: Possible involvement of nitric oxide mechanism. <i>International Journal of Nutrition, Pharmacology, Neurological Diseases</i> , 2014 , 4, 131	0.8	4
121	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
120	Possible nitric oxide mechanism in the protective effect of hesperidin against pentylentetrazole (PTZ)-induced kindling and associated cognitive dysfunction in mice. <i>Epilepsy and Behavior</i> , 2013 , 29, 103-11	3.2	44
119	Quercetin suppress microglial neuroinflammatory response and induce antidepressant-like effect in olfactory bulbectomized rats. <i>Neuroscience</i> , 2013 , 255, 86-98	3.9	73
118	Mitoprotective effect of <i>Centella asiatica</i> 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
117	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
116	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
115	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
114	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
113	Characterization and optical properties of Bi ₂ Te ₃ and (Bi ₂₀ Sb ₈₀) ₂ Te ₃ 2013 ,		1
112	Evaluation of sesamol and buspirone in stress induced anxiety in mice. <i>Indian Journal of Pharmacology</i> , 2013 , 45, 49-53	2.5	9
111	Stress: Neurobiology, consequences and management. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2013 , 5, 91-7	1.1	36
110	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
109	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
108	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
107	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
106	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

105	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
104	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
103	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
102	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
101	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
100	Novel protective mechanisms of antidepressants against 3-nitropropionic acid induced Huntington's-like symptoms: a comparative study. <i>Journal of Psychopharmacology</i> , 2011 , 25, 1399-411	4.6	26
99	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	3.9	28
98	Comparative neuroprotective profile of statins in quinolinic acid induced neurotoxicity in rats. <i>Behavioural Brain Research</i> , 2011 , 216, 220-8	3.4	14
97	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
96	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
95	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
94	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
93	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
92	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
91	Neuroprotective potentials of candesartan, atorvastatin and their combination against stroke induced motor dysfunction. <i>Inflammopharmacology</i> , 2011 , 19, 205-14	5.1	22
90	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
89	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
88	Nitric oxide modulation in protective role of antidepressants against chronic fatigue syndrome in mice. <i>Indian Journal of Pharmacology</i> , 2011 , 43, 324-9	2.5	9

87	Possible involvement of GABAergic mechanism in protective effect of melatonin against sleep deprivation-induced behavior modification and oxidative damage in mice. <i>Indian Journal of Experimental Biology</i> , 2011 , 49, 211-8		6
86	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
85	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
84	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
83	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
82	Hesperidin pre-treatment attenuates NO-mediated cerebral ischemic reperfusion injury and memory dysfunction. <i>Pharmacological Reports</i> , 2010 , 62, 635-48	3.9	61
81	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
80	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
79	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
78	Possible involvement of PKC-delta in the abrogated cardioprotective potential of ischemic preconditioning in hyperhomocysteinemic rat hearts. <i>Biomedicine and Pharmacotherapy</i> , 2010 , 64, 195-202	7.5	11
77	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
76	Protective effect of hesperidin and naringin against 3-nitropropionic acid induced Huntington ^h like symptoms in rats: possible role of nitric oxide. <i>Behavioural Brain Research</i> , 2010 , 206, 38-46	3.4	86
75	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
74	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
73	Cyclosporine A attenuates 3-nitropropionic acid-induced Huntington-like symptoms in rats: possible nitric oxide mechanism. <i>International Journal of Toxicology</i> , 2010 , 29, 318-25	2.4	7
72	Huntington ^h disease: pathogenesis to animal models. <i>Pharmacological Reports</i> , 2010 , 62, 1-14	3.9	71
71	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 ^h disease. <i>Behavioural Pharmacology</i> , 2010 , 21, 217-30	2.4	29
70	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> , 2010 , 61, 1665-1672	4.8	2

69	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
68	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
67	Licofelone attenuates MPTP-induced neuronal toxicity: behavioral, biochemical and cellular evidence. <i>Inflammopharmacology</i> , 2010 , 18, 223-32	5.1	8
66	Pioglitazone ameliorates behavioral, biochemical and cellular alterations in quinolinic acid induced neurotoxicity: possible role of peroxisome proliferator activated receptor-Upsilon (PPARUpsilon) in Huntington's disease. <i>Pharmacology Biochemistry and Behavior</i> , 2010 , 96, 115-24	3.9	39
65	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
64	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
63	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, 204-12	3.7	32
62	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
61	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
60	A clinical update on peroxisome proliferator-activated receptors. <i>Systematic Reviews in Pharmacy (discontinued)</i> , 2010 , 1, 175	1.9	2
59	Effect of preferential cyclooxygenase-2 (COX-2) inhibitor against 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)-induced striatal lesions in rats: behavioral, biochemical and histological evidences. <i>Indian Journal of Experimental Biology</i> , 2010 , 48, 577-85		5
58	Possible role of NO modulators in protective effect of trazodone and citalopram (antidepressants) in acute immobilization stress in mice. <i>Indian Journal of Experimental Biology</i> , 2010 , 48, 1131-5		6
57	Neuroprotective Effects of <i>Centella asiatica</i> against Intracerebroventricular Colchicine-Induced Cognitive Impairment and Oxidative Stress. <i>International Journal of Alzheimer's Disease</i> , 2009 , 2009,	3.7	58
56	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
55	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
54	Possible GABAergic mechanism in the protective effect of allopregnenolone against immobilization stress. <i>European Journal of Pharmacology</i> , 2009 , 602, 343-7	5.3	9
53	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
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