

Anil - Kumar

List of Publications by Year in descending order

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200
papers

8,368
citations

47006

47
h-index

64796

79
g-index

209
all docs

209
docs citations

209
times ranked

11057
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on Alzheimer's disease pathophysiology and its management: an update. <i>Pharmacological Reports</i> , 2015, 67, 195-203.	3.3	1,181
2	Current knowledge and pharmacological profile of berberine: An update. <i>European Journal of Pharmacology</i> , 2015, 761, 288-297.	3.5	407
3	Naringin alleviates cognitive impairment, mitochondrial dysfunction and oxidative stress induced by d-galactose in mice. <i>Food and Chemical Toxicology</i> , 2010, 48, 626-632.	3.6	161
4	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, 384-390.	2.2	158
5	Effect of resveratrol on 3-nitropropionic acid-induced biochemical and behavioural changes: possible neuroprotective mechanisms. <i>Behavioural Pharmacology</i> , 2006, 17, 485-492.	1.7	146
6	Neuroprotective Effects of Resveratrol against Intracerebroventricular Colchicine-Induced Cognitive Impairment and Oxidative Stress in Rats. <i>Pharmacology</i> , 2007, 79, 17-26.	2.2	127
7	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, 147-154.	3.5	112
8	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.	2.2	112
9	A review on mitochondrial restorative mechanism of antioxidants in Alzheimer's disease and other neurological conditions. <i>Frontiers in Pharmacology</i> , 2015, 6, 206.	3.5	109
10	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, 104-111.	3.5	103
11	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.	1.5	101
12	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, 2522-2530.	3.6	95
13	Expression of Concern: 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, 644-654.	5.4	95
14	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.	0.8	92
15	Huntington's disease: pathogenesis to animal models. <i>Pharmacological Reports</i> , 2010, 62, 1-14.	3.3	91
16	<i>Centella asiatica</i> Attenuates D-Galactose-Induced Cognitive Impairment, Oxidative and Mitochondrial Dysfunction in Mice. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-9.	2.0	91
17	Quercetin suppress microglial neuroinflammatory response and induce antidepressant-like effect in olfactory bulbectomized rats. <i>Neuroscience</i> , 2013, 255, 86-98.	2.3	91
18	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.	2.5	87

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19	Neuroprotective effect of carvedilol against aluminium induced toxicity: possible behavioral and biochemical alterations in rats. <i>Pharmacological Reports</i> , 2011, 63, 915-923.	3.3	81
20	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.	2.2	81
21	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, 100-108.	4.8	79
22	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.	2.2	79
23	Role of Nuclear Receptor on Regulation of BDNF and Neuroinflammation in Hippocampus of β 2-Amyloid Animal Model of Alzheimer's Disease. <i>Neurotoxicity Research</i> , 2014, 25, 335-347.	2.7	79
24	Animal models of insulin resistance: A review. <i>Pharmacological Reports</i> , 2016, 68, 1165-1177.	3.3	79
25	A review on animal models of stroke: An update. <i>Brain Research Bulletin</i> , 2016, 122, 35-44.	3.0	78
26	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, 1-8.	2.0	77
27	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, 976-984.	1.5	77
28	Cyclooxygenase inhibition attenuates 3-nitropropionic acid-induced neurotoxicity in rats: possible antioxidant mechanisms. <i>Fundamental and Clinical Pharmacology</i> , 2007, 21, 297-306.	1.9	73
29	Hesperidin pre-treatment attenuates NO-mediated cerebral ischemic reperfusion injury and memory dysfunction. <i>Pharmacological Reports</i> , 2010, 62, 635-648.	3.3	71
30	Protective effect of quercetin against ICV colchicine-induced cognitive dysfunctions and oxidative damage in rats. <i>Phytotherapy Research</i> , 2008, 22, 1563-1569.	5.8	68
31	Effect of <i>N</i> -Acetyl Cysteine against Aluminium-induced Cognitive Dysfunction and Oxidative Damage in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 105, 98-104.	2.5	68
32	Therapeutic potential of mGluR5 targeting in Alzheimer's disease. <i>Frontiers in Neuroscience</i> , 2015, 9, 215.	2.8	66
33	Protective effect of curcumin (<i>Curcuma longa</i>) against β -galactose-induced senescence in mice. <i>Journal of Asian Natural Products Research</i> , 2011, 13, 42-55.	1.4	65
34	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, 265-274.	3.5	62
35	Stress: Neurobiology, consequences and management. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2013, 5, 91.	0.6	62
36	Neuropathic Pain models caused by damage to central or peripheral nervous system. <i>Pharmacological Reports</i> , 2018, 70, 206-216.	3.3	58

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37	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, 577-586.	5.3	56
38	Nrf2: a potential therapeutic target for diabetic neuropathy. <i>Inflammopharmacology</i> , 2017, 25, 393-402.	3.9	56
39	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, 302-314.	1.9	55
40	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, 103-111.	1.7	54
41	Naringin protects memory impairment and mitochondrial oxidative damage against aluminum-induced neurotoxicity in rats. <i>International Journal of Neuroscience</i> , 2013, 123, 636-645.	1.6	54
42	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.	3.5	53
43	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, 431-441.	3.0	52
44	Lycopene modulates nitric oxide pathways against 3-nitropropionic acid-induced neurotoxicity. <i>Life Sciences</i> , 2009, 85, 711-718.	4.3	52
45	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, 1403-1409.	1.9	52
46	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.	3.5	51
47	Neuroprotective effect of hemoxygenase-1/glycogen synthase kinase-3 β modulators in 3-nitropropionic acid-induced neurotoxicity in rats. <i>Neuroscience</i> , 2015, 287, 66-77.	2.3	51
48	Quercetin Protects Against Acute Immobilization Stress-Induced Behaviors and Biochemical Alterations in Mice. <i>Journal of Medicinal Food</i> , 2008, 11, 469-473.	1.5	49
49	Nitric oxide mechanism in the protective effect of naringin against post-stroke depression (PSD) in mice. <i>Life Sciences</i> , 2010, 86, 928-935.	4.3	48
50	Colchicines-induced neurotoxicity as an animal model of sporadic dementia of Alzheimer's type. <i>Pharmacological Reports</i> , 2007, 59, 274-83.	3.3	48
51	Pioglitazone ameliorates behavioral, biochemical and cellular alterations in quinolinic acid induced neurotoxicity: Possible role of peroxisome proliferator activated receptor- γ (PPAR γ) in Huntington's disease. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 96, 115-124.	2.9	45
52	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, 310-320.	2.7	45
53	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, 577-582.	2.5	44
54	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.	3.5	44

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55	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.	3.3	44
56	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, 284-299.	2.3	43
57	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.	3.7	41
58	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.	6.3	41
59	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, 217-230.	1.7	40
60	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, 373-381.	3.5	40
61	Role of Nitric Oxide in Stress-Induced Anxiety. <i>Vitamins and Hormones</i> , 2017, 103, 147-167.	1.7	39
62	Improved mechanical performance of bisphenol-A graphene-oxide nano-composites. <i>Journal of Composite Materials</i> , 2018, 52, 2179-2188.	2.4	39
63	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.	0.7	38
64	Ameliorative potential of rutin in combination with nimesulide in STZ model of diabetic neuropathy: targeting Nrf2/HO-1/NF- κ B and COX signalling pathway. <i>Inflammopharmacology</i> , 2018, 26, 755-768.	3.9	38
65	Effect of Curcumin on Intracerebroventricular Colchicine-Induced Cognitive Impairment and Oxidative Stress in Rats. <i>Journal of Medicinal Food</i> , 2007, 10, 486-494.	1.5	37
66	Co-Administration of Acetyl-11-Keto- β -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.	2.2	37
67	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, 2656-2662.	5.5	37
68	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.	3.3	37
69	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, 439-450.	1.4	36
70	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, 204-212.	2.2	36
71	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.	3.0	36
72	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, 115-126.	2.2	36

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73	Role of Glutathione-S-transferases in neurological problems. Expert Opinion on Therapeutic Patents, 2017, 27, 299-309.	5.0	36
74	Neuroprotective Effect of Lycopene Against PTZ-induced Kindling Seizures in Mice: Possible Behavioural, Biochemical and Mitochondrial Dysfunction. Phytotherapy Research, 2016, 30, 306-313.	5.8	35
75	Protective effects of epigallocatechin gallate following 3-nitropropionic acid-induced brain damage: possible nitric oxide mechanisms. Psychopharmacology, 2009, 207, 257-270.	3.1	34
76	Possible role of P-glycoprotein in the neuroprotective mechanism of berberine in intracerebroventricular streptozotocin-induced cognitive dysfunction. Psychopharmacology, 2016, 233, 137-152.	3.1	34
77	Venlafaxine involves nitric oxide modulatory mechanism in experimental model of chronic behavior despair in mice. Brain Research, 2010, 1311, 73-80.	2.2	33
78	Galantamine potentiates the protective effect of rofecoxib and caffeic acid against intrahippocampal Kainic acid-induced cognitive dysfunction in rat. Brain Research Bulletin, 2011, 85, 158-168.	3.0	33
79	Montelukast potentiates the protective effect of rofecoxib against kainic acid-induced cognitive dysfunction in rats. Pharmacology Biochemistry and Behavior, 2012, 103, 43-52.	2.9	33
80	Pioglitazone alleviates the mitochondrial apoptotic pathway and mitochondrial oxidative damage in the galactose-induced mouse model. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 644-651.	1.9	33
81	Neuroprotective effect of N-acetyl cysteine against streptozotocin-induced memory dysfunction and oxidative damage in rats. Journal of Basic and Clinical Physiology and Pharmacology, 2015, 26, 13-23.	1.3	32
82	Preclinical Explorative Assessment of Dimethyl Fumarate-Based Biocompatible Nanolipoidal Carriers for the Management of Multiple Sclerosis. ACS Chemical Neuroscience, 2018, 9, 1152-1158.	3.5	32
83	Neuroprotective effect of carvedilol, an adrenergic antagonist against colchicine induced cognitive impairment and oxidative damage in rat. Pharmacology Biochemistry and Behavior, 2009, 92, 25-31.	2.9	31
84	Novel protective mechanisms of antidepressants against 3-nitropropionic acid induced Huntington's-like symptoms: a comparative study. Journal of Psychopharmacology, 2011, 25, 1399-1411.	4.0	31
85	Nitric oxide mechanism in protective effect of imipramine and venlafaxine against acute immobilization stress-induced behavioral and biochemical alteration in mice. Neuroscience Letters, 2009, 467, 72-75.	2.1	30
86	Possible involvement of nitric oxide mechanism in the neuroprotective effect of rutin against immobilization stress induced anxiety like behaviour, oxidative damage in mice. Pharmacological Reports, 2014, 66, 15-21.	3.3	30
87	Naringenin ameliorates diabetic neuropathic pain by modulation of oxidative-nitrosative stress, cytokines and MMP-9 levels. Food and Function, 2020, 11, 4548-4560.	4.6	30
88	Possible role of trazodone and imipramine in sleep deprivation-induced anxiety-like behaviour and oxidative damage in mice. Methods and Findings in Experimental and Clinical Pharmacology, 2009, 31, 383.	0.8	29
89	Microglial inhibitory effect of ginseng ameliorates cognitive deficits and neuroinflammation following traumatic head injury in rats. Inflammopharmacology, 2014, 22, 155-167.	3.9	28
90	Protective Effect of St. John's Wort (Hypericum perforatum) Extract on 72-Hour Sleep Deprivation-Induced Anxiety-Like Behavior and Oxidative Damage in Mice. Planta Medica, 2007, 73, 1358-1364.	1.3	27

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91	Effect of caffeic acid and rofecoxib and their combination against intra-striatal quinolinic acid induced oxidative damage, mitochondrial and histological alterations in rats. <i>Inflammopharmacology</i> , 2009, 17, 211-219.	3.9	27
92	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, 974-981.	4.8	27
93	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, 1148-1155.	3.3	27
94	Mapping Txnip: Key connexions in progression of diabetic nephropathy. <i>Pharmacological Reports</i> , 2018, 70, 614-622.	3.3	27
95	Protective effects of antidepressants against chronic fatigue syndrome " induced behavioral changes and biochemical alterations. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 89-95.	1.9	26
96	Neuroprotective potentials of candesartan, atorvastatin and their combination against stroke induced motor dysfunction. <i>Inflammopharmacology</i> , 2011, 19, 205-214.	3.9	26
97	Neuroprotective potential of azilsartan against cerebral ischemic injury: Possible involvement of mitochondrial mechanisms. <i>Neurochemistry International</i> , 2020, 132, 104604.	3.8	26
98	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, 439-448.	1.9	25
99	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, 377-392.	2.3	25
100	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.	3.0	25
101	Suppressing inflammatory cascade by cyclo-oxygenase inhibitors attenuates quinolinic acid induced Huntington's disease-like alterations in rats. <i>Life Sciences</i> , 2011, 88, 784-791.	4.3	25
102	Rosiglitazone Synergizes the Neuroprotective Effects of Valproic Acid Against Quinolinic Acid-Induced Neurotoxicity in Rats: Targeting PPAR ^β and HDAC Pathways. <i>Neurotoxicity Research</i> , 2014, 26, 130-151.	2.7	25
103	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, 363-381.	2.7	25
104	Emerging role of orexin antagonists in insomnia therapeutics: An update on SORAs and DORAs. <i>Pharmacological Reports</i> , 2016, 68, 231-242.	3.3	25
105	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.	3.9	25
106	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.	3.5	25
107	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, 607-615.	4.8	24
108	Modulation of nitric signaling 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, 129-141.	3.0	24

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109	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.	2.8	24
110	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, 219-226.	2.9	23
111	Quantum information entropy of Eckart potential. <i>International Journal of Quantum Chemistry</i> , 2016, 116, 1413-1418.	2.0	23
112	Possible neuroprotective mechanisms of clove oil against icv-colchicine induced cognitive dysfunction. <i>Pharmacological Reports</i> , 2016, 68, 764-772.	3.3	23
113	Oral Delivery of Methylthioadenosine to the Brain Employing Solid Lipid Nanoparticles: Pharmacokinetic, Behavioral, and Histopathological Evidences. <i>AAPS PharmSciTech</i> , 2019, 20, 74.	3.3	23
114	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, 1665-1672.	2.4	23
115	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, 218-224.	2.3	22
116	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.	3.5	22
117	Potential drug targets and treatment of schizophrenia. <i>Inflammopharmacology</i> , 2017, 25, 277-292.	3.9	22
118	Neuropathology and therapeutic management of Alzheimer's disease - An update. <i>Drugs of the Future</i> , 2008, 33, 0433.	0.1	22
119	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.	0.0	22
120	Protective effect of alprazolam against sleep deprivation-induced behavior alterations and oxidative damage in mice. <i>Neuroscience Research</i> , 2008, 60, 372-379.	1.9	21
121	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.	3.5	21
122	Role of neurosteroids in experimental 3-nitropropionic acid induced neurotoxicity in rats. <i>European Journal of Pharmacology</i> , 2014, 723, 38-45.	3.5	21
123	Possible Involvement of Nitric Oxide Modulatory Mechanisms in the Neuroprotective Effect of <i>Centella asiatica</i> Against Sleep Deprivation Induced Anxiety Like Behaviour, Oxidative Damage and Neuroinflammation. <i>Phytotherapy Research</i> , 2016, 30, 671-680.	5.8	20
124	Ameliorative potential of pioglitazone and ceftriaxone alone and in combination in rat model of neuropathic pain: Targeting PPAR γ and GLT-1 pathways. <i>Pharmacological Reports</i> , 2016, 68, 85-94.	3.3	20
125	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, 343-352.	2.9	19
126	Synthesis and evaluation of 1-(quinoliloxypopyl)-4-aryl piperazines for atypical antipsychotic effect. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3041-3044.	2.2	19

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127	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.	3.5	19
128	A role of nitric oxide mechanism involved in the protective effects of venlafaxine in sleep deprivation. <i>Behavioural Brain Research</i> , 2008, 194, 169-173.	2.2	18
129	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, 241-251.	3.9	18
130	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, 268-279.	1.6	18
131	Buspiron 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, 582-589.	1.3	18
132	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.	3.3	18
133	Prolonged pretreatment with carvedilol prevents 3-nitropropionic acid-induced behavioral alterations and oxidative stress in rats. <i>Pharmacological Reports</i> , 2008, 60, 706-15.	3.3	18
134	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, 575-581.	1.9	17
135	Protective effects of selective and non-selective cyclooxygenase inhibitors in an animal model of chronic stress. <i>Neuroscience Bulletin</i> , 2010, 26, 17-27.	2.9	17
136	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.	0.0	17
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