

# Hayate Javed

## List of Publications by Year in descending order

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45  
papers

3,060  
citations

126907

33  
h-index

243625

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47  
all docs

47  
docs citations

47  
times ranked

4918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological Properties and Molecular Mechanisms of Thymol: Prospects for Its Therapeutic Potential and Pharmaceutical Development. <i>Frontiers in Pharmacology</i> , 2017, 8, 380.	3.5	285
2	Resveratrol attenuates 6-hydroxydopamine-induced oxidative damage and dopamine depletion in rat model of Parkinson's disease. <i>Brain Research</i> , 2010, 1328, 139-151.	2.2	232
3	Rutin protects the neural damage induced by transient focal ischemia in rats. <i>Brain Research</i> , 2009, 1292, 123-135.	2.2	176
4	Rutin Protects Dopaminergic Neurons from Oxidative Stress in an Animal Model of Parkinson's Disease. <i>Neurotoxicity Research</i> , 2012, 22, 1-15.	2.7	144
5	Cannabinoid Type 2 (CB2) Receptors Activation Protects against Oxidative Stress and Neuroinflammation Associated Dopaminergic Neurodegeneration in Rotenone Model of Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 321.	2.8	138
6	Piperine suppresses cerebral ischemia-reperfusion-induced inflammation through the repression of COX-2, NOS-2, and NF- $\kappa$ B in middle cerebral artery occlusion rat model. <i>Molecular and Cellular Biochemistry</i> , 2012, 367, 73-84.	3.1	122
7	$\Delta^2$ -Caryophyllene, a phytocannabinoid attenuates oxidative stress, neuroinflammation, glial activation, and salvages dopaminergic neurons in a rat model of Parkinson disease. <i>Molecular and Cellular Biochemistry</i> , 2016, 418, 59-70.	3.1	115
8	S-allyl cysteine attenuates oxidative stress associated cognitive impairment and neurodegeneration in mouse model of streptozotocin-induced experimental dementia of Alzheimer's type. <i>Brain Research</i> , 2011, 1389, 133-142.	2.2	107
9	Hesperidin ameliorates functional and histological outcome and reduces neuroinflammation in experimental stroke. <i>Brain Research</i> , 2011, 1420, 93-105.	2.2	102
10	Neuroprotective effect of nerolidol against neuroinflammation and oxidative stress induced by rotenone. <i>BMC Neuroscience</i> , 2016, 17, 58.	1.9	96
11	Quercetin Protects Against Oxidative Stress Associated Damages in a Rat Model of Transient Focal Cerebral Ischemia and Reperfusion. <i>Neurochemical Research</i> , 2011, 36, 1360-1371.	3.3	92
12	Effect of hesperidin on neurobehavioral, neuroinflammation, oxidative stress and lipid alteration in intracerebroventricular streptozotocin induced cognitive impairment in mice. <i>Journal of the Neurological Sciences</i> , 2015, 348, 51-59.	0.6	91
13	Attenuation of $\Delta^2$ -induced neurotoxicity by thymoquinone via inhibition of mitochondrial dysfunction and oxidative stress. <i>Molecular and Cellular Biochemistry</i> , 2012, 369, 55-65.	3.1	90
14	Plant Extracts and Phytochemicals Targeting $\alpha$ -Synuclein Aggregation in Parkinson's Disease Models. <i>Frontiers in Pharmacology</i> , 2018, 9, 1555.	3.5	86
15	Amelioration of cognitive impairment and neurodegeneration by catechin hydrate in rat model of streptozotocin-induced experimental dementia of Alzheimer's type. <i>Neurochemistry International</i> , 2013, 62, 492-501.	3.8	82
16	Neuroprotective potential of ferulic acid in the rotenone model of Parkinson's disease. <i>Drug Design, Development and Therapy</i> , 2015, 9, 5499.	4.3	81
17	1,8-Cineole (Eucalyptol) Mitigates Inflammation in Amyloid Beta Toxicated PC12 Cells: Relevance to Alzheimer's Disease. <i>Neurochemical Research</i> , 2014, 39, 344-352.	3.3	80
18	Neuroprotective effects of curcumin on 6-hydroxydopamine-induced Parkinsonism in rats: Behavioral, neurochemical and immunohistochemical studies. <i>Brain Research</i> , 2011, 1368, 254-263.	2.2	72

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19	S-allyl cysteine mitigates oxidative damage and improves neurologic deficit in a rat model of focal cerebral ischemia. <i>Nutrition Research</i> , 2012, 32, 133-143.	2.9	71
20	Catechin Hydrate Ameliorates Redox Imbalance and Limits Inflammatory Response in Focal Cerebral Ischemia. <i>Neurochemical Research</i> , 2012, 37, 1747-1760.	3.3	71
21	Centella asiatica attenuates the neurobehavioral, neurochemical and histological changes in transient focal middle cerebral artery occlusion rats. <i>Neurological Sciences</i> , 2013, 34, 925-933.	1.9	66
22	Glycyrrhizic acid Attenuates Neuroinflammation and Oxidative Stress in Rotenone Model of Parkinson's Disease. <i>Neurotoxicity Research</i> , 2016, 29, 275-287.	2.7	64
23	Neuroprotective Effects of Thymol, a Dietary Monoterpene Against Dopaminergic Neurodegeneration in Rotenone-Induced Rat Model of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1538.	4.1	46
24	Neuroprotective Effect of Curcumin on the Nigrostriatal Pathway in a 6-Hydroxydopamine-Induced Rat Model of Parkinson's Disease is Mediated by $\alpha 7$ -Nicotinic Receptors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7329.	4.1	41
25	Taurine ameliorates neurobehavioral, neurochemical and immunohistochemical changes in sporadic dementia of Alzheimer's type (SDAT) caused by intracerebroventricular streptozotocin in rats. <i>Neurological Sciences</i> , 2013, 34, 2181-2192.	1.9	40
26	Carvacrol, a Plant Metabolite Targeting Viral Protease (Mpro) and ACE2 in Host Cells Can Be a Possible Candidate for COVID-19. <i>Frontiers in Plant Science</i> , 2020, 11, 601335.	3.6	40
27	Delayed administration of zingerone mitigates the behavioral and histological alteration via repression of oxidative stress and intrinsic programmed cell death in focal transient ischemic rats. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 113, 53-62.	2.9	38
28	Development of Nonviral Vectors Targeting the Brain as a Therapeutic Approach For Parkinson's Disease and Other Brain Disorders. <i>Molecular Therapy</i> , 2016, 24, 746-758.	8.2	38
29	Quercetin mitigates lead acetate-induced behavioral and histological alterations via suppression of oxidative stress, Hsp-70, Bak and upregulation of Bcl-2. <i>Food and Chemical Toxicology</i> , 2014, 68, 297-306.	3.6	37
30	$\alpha$ -Bisabolol, a Dietary Bioactive Phytochemical Attenuates Dopaminergic Neurodegeneration through Modulation of Oxidative Stress, Neuroinflammation and Apoptosis in Rotenone-Induced Rat Model of Parkinson's Disease. <i>Biomolecules</i> , 2020, 10, 1421.	4.0	37
31	Ocimum sanctum attenuates oxidative damage and neurological deficits following focal cerebral ischemia/reperfusion injury in rats. <i>Neurological Sciences</i> , 2012, 33, 1239-1247.	1.9	36
32	Edaravone ameliorates oxidative stress associated cholinergic dysfunction and limits apoptotic response following focal cerebral ischemia in rat. <i>Molecular and Cellular Biochemistry</i> , 2012, 367, 215-225.	3.1	36
33	NLRP3 inflammasome and glia maturation factor coordinately regulate neuroinflammation and neuronal loss in MPTP mouse model of Parkinson's disease. <i>International Immunopharmacology</i> , 2020, 83, 106441.	3.8	36
34	Attenuation of oxidative damage-associated cognitive decline by <i>Withania somnifera</i> in rat model of streptozotocin-induced cognitive impairment. <i>Protoplasma</i> , 2013, 250, 1067-1078.	2.1	30
35	$\beta$ -Caryophyllene, A Natural Dietary CB2 Receptor Selective Cannabinoid can be a Candidate to Target the Trinity of Infection, Immunity, and Inflammation in COVID-19. <i>Frontiers in Pharmacology</i> , 2021, 12, 590201.	3.5	30
36	Can limonene be a possible candidate for evaluation as an agent or adjuvant against infection, immunity, and inflammation in COVID-19?. <i>Heliyon</i> , 2021, 7, e05703.	3.2	25

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37	Can Echinacea be a potential candidate to target immunity, inflammation, and infection - The trinity of coronavirus disease 2019. <i>Heliyon</i> , 2021, 7, e05990.	3.2	25
38	<i>Azadirachta indica</i> mitigates behavioral impairments, oxidative damage, histological alterations and apoptosis in focal cerebral ischemiaâ€“reperfusion model of rats. <i>Neurological Sciences</i> , 2013, 34, 1321-1330.	1.9	20
39	An Overview on the Role of $\alpha$ -Synuclein in Experimental Models of Parkinsonâ€™s Disease from Pathogenesis to Therapeutics. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 1240-1252.	1.4	19
40	<i>Terminalia arjuna</i> bark extract inhibits histological alterations by mitigating oxidative stress in lead intoxicated mice. <i>Oriental Pharmacy and Experimental Medicine</i> , 2013, 13, 253-265.	1.2	11
41	Perineural application of resiniferatoxin on uninjured L3 and L4 nerves completely alleviates thermal and mechanical hypersensitivity following L5 nerve injury in rats. <i>Journal of Comparative Neurology</i> , 2020, 528, 2195-2217.	1.6	7
42	Co-localization of nociceptive markers in the lumbar dorsal root ganglion and spinal cord of dromedary camel. <i>Journal of Comparative Neurology</i> , 2021, 529, 3710-3725.	1.6	3
43	A single GABA neuron receives contacts from myelinated primary afferents of two adjacent peripheral nerves. A possible role in neuropathic pain. <i>Journal of Comparative Neurology</i> , 2018, 526, 2984-2999.	1.6	1
44	Protective effects of thymol against neurodegeneration in rotenone induced rat model of Parkinson's disease. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-1-68.	0.0	1
45	Cover Image, Volume 526, Issue 18. <i>Journal of Comparative Neurology</i> , 2018, 526, C1-C1.	1.6	0