

# Madhavan Nampoothiri g

## List of Publications by Citations

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42  
papers

697  
citations

15  
h-index

25  
g-index

47  
ext. papers

1,005  
ext. citations

3.4  
avg, IF

5.16  
L-index

#	Paper	IF	Citations
42	Structural Proteins in Severe Acute Respiratory Syndrome Coronavirus-2. <i>Archives of Medical Research</i> , <b>2020</b> , 51, 482-491	6.6	155
41	Impact of caffeic acid on aluminium chloride-induced dementia in rats. <i>Journal of Pharmacy and Pharmacology</i> , <b>2013</b> , 65, 1745-52	4.8	48
40	Modulatory role of simvastatin against aluminium chloride-induced behavioural and biochemical changes in rats. <i>Behavioural Neurology</i> , <b>2015</b> , 2015, 210169	3	46
39	Caffeic acid attenuates lipopolysaccharide-induced sickness behaviour and neuroinflammation in mice. <i>Neuroscience Letters</i> , <b>2016</b> , 632, 218-23	3.3	42
38	Hydroxychloroquine in COVID-19: Potential Mechanism of Action Against SARS-CoV-2. <i>Current Pharmacology Reports</i> , <b>2020</b> , 6, 1-9	5.5	37
37	Catechin ameliorates doxorubicin-induced neuronal cytotoxicity in in vitro and episodic memory deficit in in vivo in Wistar rats. <i>Cytotechnology</i> , <b>2018</b> , 70, 245-259	2.2	32
36	JAK-STAT Pathway Inhibition and their Implications in COVID-19 Therapy. <i>Postgraduate Medicine</i> , <b>2021</b> , 133, 489-507	3.7	31
35	Insulin blocks glutamate-induced neurotoxicity in differentiated SH-SY5Y neuronal cells. <i>Behavioural Neurology</i> , <b>2014</b> , 2014, 674164	3	28
34	Sesamol, a lipid lowering agent, ameliorates aluminium chloride induced behavioral and biochemical alterations in rats. <i>Pharmacognosy Magazine</i> , <b>2015</b> , 11, 327-36	0.8	25
33	Involvement of the nervous system in COVID-19: The bell should toll in the brain. <i>Life Sciences</i> , <b>2020</b> , 262, 118568	6.8	25
32	Naringin and Rutin Alleviates Episodic Memory Deficits in Two Differentially Challenged Object Recognition Tasks. <i>Pharmacognosy Magazine</i> , <b>2016</b> , 12, S63-70	0.8	24
31	Cannabinoid receptor 2 activation mitigates lipopolysaccharide-induced neuroinflammation and sickness behavior in mice. <i>Psychopharmacology</i> , <b>2019</b> , 236, 1829-1838	4.7	22
30	Possible involvement of metformin in downregulation of neuroinflammation and associated behavioural changes in mice. <i>Inflammopharmacology</i> , <b>2019</b> , 27, 941-948	5.1	21
29	N-acetyl-L-tryptophan, a substance-P receptor antagonist attenuates aluminum-induced spatial memory deficit in rats. <i>Toxicology Mechanisms and Methods</i> , <b>2018</b> , 28, 328-334	3.6	19
28	Effect of insulin on spatial memory in aluminum chloride-induced dementia in rats. <i>NeuroReport</i> , <b>2017</b> , 28, 540-544	1.7	16
27	Effect of coffee constituents, caffeine and caffeic acid on anxiety and lipopolysaccharide-induced sickness behavior in mice. <i>Journal of Functional Foods</i> , <b>2020</b> , 64, 103638	5.1	13
26	Spermidine, an autophagy inducer, as a therapeutic strategy in neurological disorders. <i>Neuropeptides</i> , <b>2020</b> , 83, 102083	3.3	13

25	Effect of Caffeic Acid on Ischemia-Reperfusion-Induced Acute Renal Failure in Rats. <i>Pharmacology</i> , <b>2019</b> , 103, 315-319	2.3	10
24	Atypical Antidepressant Activity of 3,4-Bis(3,4-Dimethoxyphenyl) Furan-2,5-Dione Isolated from Heart Wood of Cedrus deodara, in Rodents. <i>Korean Journal of Physiology and Pharmacology</i> , <b>2014</b> , 18, 365-9	1.8	9
23	An Appraisal of Current Pharmacological Perspectives of Sesamol: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2020</b> , 20, 988-1000	3.2	9
22	Bark Ameliorates Inflammation and Arthritis in Carrageenan Induced Inflammatory Model and Freund's Adjuvant-Induced Arthritis Model in Rats. <i>Journal of Toxicology</i> , <b>2019</b> , 2019, 7898914	3.1	7
21	Neuroprotective potential of methanolic extract of Saraca asoca bark against doxorubicin-induced neurotoxicity. <i>Pharmacognosy Magazine</i> , <b>2019</b> , 15, 309	0.8	6
20	Neuromodulatory potential of phenylpropanoids; para-methoxycinnamic acid and ethyl-p-methoxycinnamate on aluminum-induced memory deficit in rats. <i>Toxicology Mechanisms and Methods</i> , <b>2019</b> , 29, 334-343	3.6	6
19	Inhibition of NLRP3-inflammasome mediated IL-1 $\beta$ release by phenylpropanoic acid derivatives: in-silico and in-vitro approach. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 157, 105637	5.1	6
18	Insulin Combined with Glucose Improves Spatial Learning and Memory in Aluminum Chloride-Induced Dementia in Rats. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , <b>2017</b> , 36, 159-169	2.1	5
17	Nepriylsin, the kidney brush border neutral proteinase: a possible potential target for ischemic renal injury. <i>Toxicology Mechanisms and Methods</i> , <b>2020</b> , 30, 88-99	3.6	5
16	Astrocytic Glutamatergic Transmission and Its Implications in Neurodegenerative Disorders.. <i>Cells</i> , <b>2022</b> , 11,	7.9	5
15	Caffeic acid, a dietary polyphenol, as a promising candidate for combination therapy. <i>Chemical Papers</i> ,1	1.9	4
14	An Overview on Chemotherapy-induced Cognitive Impairment and Potential Role of Antidepressants. <i>Current Neuropharmacology</i> , <b>2020</b> , 18, 838-851	7.6	4
13	Zinc as a plausible epigenetic modulator of glioblastoma multiforme. <i>European Journal of Pharmacology</i> , <b>2020</b> , 887, 173549	5.3	4
12	In vitro Cytotoxicity Activity of Chrysin, Morin and Resveratrol Against MCF-7 Breast Cancer Cell Lines. <i>Biosciences, Biotechnology Research Asia</i> , <b>2016</b> , 13, 1633-1637	0.5	3
11	Remedial effects of caffeine against depressive-like behaviour in mice by modulation of neuroinflammation and BDNF. <i>Nutritional Neuroscience</i> , <b>2021</b> , 1-9	3.6	3
10	Crosstalk between neurokinin receptor signaling and neuroinflammation in neurological disorders. <i>Reviews in the Neurosciences</i> , <b>2019</b> , 30, 233-243	4.7	3
9	An insight into the role of cyclooxygenase and lipoxygenase pathway in renal ischemia. <i>European Review for Medical and Pharmacological Sciences</i> , <b>2017</b> , 21, 5017-5020	2.9	3
8	Melittin, a honeybee venom derived peptide for the treatment of chemotherapy-induced peripheral neuropathy. <i>Medical Oncology</i> , <b>2021</b> , 38, 52	3.7	2

7	In silico screening of neurokinin receptor antagonists as a therapeutic strategy for neuroinflammation in Alzheimer's disease. <i>Molecular Diversity</i> , <b>2021</b> , 1	3.1	2
6	Dialogue between Neuroinflammation and Neurodegenerative Diseases in COVID-19. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , <b>2021</b> , 40, 37-49	2.1	1
5	Multifunctional role of exosomes in viral diseases: From transmission to diagnosis and therapy.. <i>Cellular Signalling</i> , <b>2022</b> , 110325	4.9	1
4	Reviewing the importance of TLR-NLRP3-pyroptosis pathway and mechanism of experimental NLRP3 inflammasome inhibitors. <i>Scandinavian Journal of Immunology</i> , <b>2021</b> , 95, e13124	3.4	0
3	Sirtuins, a potential target in Traumatic Brain Injury and relevant experimental models. <i>Brain Research Bulletin</i> , <b>2021</b> , 171, 135-141	3.9	0
2	Interplay between adenosine receptor antagonist and cyclooxygenase inhibitor in haloperidol-induced extrapyramidal effects in mice. <i>Metabolic Brain Disease</i> , <b>2018</b> , 33, 1045-1051	3.9	
1	Formulation optimization and evaluation of aceclofenac sustained release dosage form based on Kollidon sustained release. <i>Asian Journal of Pharmaceutics (discontinued)</i> , <b>2013</b> , 7, 8	0.5	