

# Gopinath Krishnan

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

521  
citations

840776

11  
h-index

1125743

13  
g-index

14  
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14  
docs citations

14  
times ranked

859  
citing authors

#	ARTICLE	IF	CITATIONS
1	C9ORF72-ALS/FTD-associated poly(GR) binds Atp5a1 and compromises mitochondrial function in vivo. <i>Nature Neuroscience</i> , 2019, 22, 851-862.	14.8	161
2	Partial inhibition of the overactivated Ku80-dependent DNA repair pathway rescues neurodegeneration in <i>C9ORF72</i> -ALS/FTD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9628-9633.	7.1	64
3	Endocannabinoids alleviate proinflammatory conditions by modulating innate immune response in muller glia during inflammation. <i>Glia</i> , 2012, 60, 1629-1645.	4.9	55
4	Transcription elongation factor AFF2/FMR2 regulates expression of expanded GGGGCC repeat-containing <i>C9ORF72</i> allele in ALS/FTD. <i>Nature Communications</i> , 2019, 10, 5466.	12.8	40
5	Altered MICOS Morphology and Mitochondrial Ion Homeostasis Contribute to Poly(GR) Toxicity Associated with C9-ALS/FTD. <i>Cell Reports</i> , 2020, 32, 107989.	6.4	32
6	Poly(GR) and poly(GA) in cerebrospinal fluid as potential biomarkers for <i>C9ORF72</i> -ALS/FTD. <i>Nature Communications</i> , 2022, 13, 2799.	12.8	28
7	Production of poly(GA) in <i>C9ORF72</i> patient motor neurons derived from induced pluripotent stem cells. <i>Acta Neuropathologica</i> , 2019, 138, 1099-1101.	7.7	27
8	<i>A. C. elegans</i> model of <i>C9orf72</i> -associated ALS/FTD uncovers a conserved role for eIF2D in RAN translation. <i>Nature Communications</i> , 2021, 12, 6025.	12.8	27
9	Endocannabinoids affect innate immunity of Muller glia during HIV-1 Tat cytotoxicity. <i>Molecular and Cellular Neurosciences</i> , 2014, 59, 10-23.	2.2	25
10	Targeted Expression of Suicide Gene by Tissue-Specific Promoter and MicroRNA Regulation for Cancer Gene Therapy. <i>PLoS ONE</i> , 2013, 8, e83398.	2.5	24
11	CRISPR deletion of the <i>C9ORF72</i> promoter in ALS/FTD patient motor neurons abolishes production of dipeptide repeat proteins and rescues neurodegeneration. <i>Acta Neuropathologica</i> , 2020, 140, 81-84.	7.7	24
12	Detergent resistant membrane fractions are involved in calcium signaling in Müller glial cells of retina. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1758-1766.	2.8	8
13	Differential immune mechanism to HIV-1 Tat variants and its regulation by AEA. <i>Scientific Reports</i> , 2015, 5, 9887.	3.3	6