Ranjan Dutta

List of Publications by Year
in descending order

33 papers	3,527 citations	331642 21 h-index	377849 34 g-index
37 all docs	37 docs citations	37 times ranked	5174 citing authors

#	Article	IF	Citations
1	Cytoplasmic-predominant Pten increases microglial activation and synaptic pruning in a murine model with autism-like phenotype. Molecular Psychiatry, 2021, 26, 1458-1471.	7.9	39
2	Heparanome-Mediated Rescue of Oligodendrocyte Progenitor Quiescence following Inflammatory Demyelination. Journal of Neuroscience, 2021, 41, 2245-2263.	3.6	10
3	Neuronal hibernation following hippocampal demyelination. Acta Neuropathologica Communications, 2021, 9, 34.	5.2	9
4	Overcoming the inhibitory microenvironment surrounding oligodendrocyte progenitor cells following experimental demyelination. Nature Communications, 2021, 12, 1923.	12.8	16
5	Identifying miRNAs in multiple sclerosis gray matter lesions that correlate with atrophy measures. Annals of Clinical and Translational Neurology, 2021, 8, 1279-1291.	3.7	12
6	Identification of miRNAs That Mediate Protective Functions of Anti-Cancer Drugs During White Matter Ischemic Injury. ASN Neuro, 2021, 13, 175909142110422.	2.7	6
7	Comparative Proteomic Profiling Identifies Reciprocal Expression of Mitochondrial Proteins Between White and Gray Matter Lesions From Multiple Sclerosis Brains. Frontiers in Neurology, 2021, 12, 779003.	2.4	4
8	Multiple Sclerosis as a Syndromeâ€”Implications for Future Management. Frontiers in Neurology, 2020, 11, 784.	2.4	3
9	Succination inactivates gasdermin D and blocks pyroptosis. Science, 2020, 369, 1633-1637.	12.6	341
10	Cell Type-Specific Intralocus Interactions Reveal Oligodendrocyte Mechanisms in MS. Cell, 2020, 181, 382-395.e21.	28.9	39
11	Bile acid metabolism is altered in multiple sclerosis and supplementation ameliorates neuroinflammation. Journal of Clinical Investigation, 2020, 130, 3467-3482.	8.2	109
12	Oligodendrocyte Intrinsic miR-27a Controls Myelination and Remyelination. Cell Reports, 2019, 29, 904-919.e9.	6.4	40
13	Oligodendrocyte precursor cells present antigen and are cytotoxic targets in inflammatory demyelination. Nature Communications, 2019, 10, 3887.	12.8	245
14	Comprehensive Autopsy Program for Individuals with Multiple Sclerosis. Journal of Visualized Experiments, 2019, , .	0.3	12
15	Constitutional mislocalization of Pten drives precocious maturation in oligodendrocytes and aberrant myelination in model of autism spectrum disorder. Translational Psychiatry, 2019, 9, 13.	4.8	28
16	Expression of diseaseâ€related mi<scp>RNA</scp>s in whiteâ€matter lesions of progressive multiple sclerosis brains. Annals of Clinical and Translational Neurology, 2019, 6, 854-862.	3.7	20
17	pHERV-W envelope protein fuels microglial cell-dependent damage of myelinated axons in multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15216-15225.	7.1	78
18	Proteomic Approaches to Decipher Mechanisms Underlying Pathogenesis in Multiple Sclerosis Patients. Proteomics, 2019, 19, e1800335.	2.2	11

#	Article	IF	Citations
19	Current advancements in promoting remyelination in multiple sclerosis. Multiple Sclerosis Journal, 2019, 25, 7-14.	3.0	41
20	DNA methylation in demyelinated multiple sclerosis hippocampus. Scientific Reports, 2017, 7, 8696.	3.3	54
21	Promoting remyelination in multiple sclerosis: Current drugs and future prospects. Multiple Sclerosis Journal, 2015, 21, 541-549.	3.0	63
22	Decrease in levels of the evolutionarily conserved microRNA miR-124 affects oligodendrocyte numbers in Zebrafish, Danio rerio. Invertebrate Neuroscience, 2015, 15, 4.	1.8	14
23	Relapsing and progressive forms of multiple sclerosis. Current Opinion in Neurology, 2014, 27, 271-278.	3.6	180
24	Epigenome-wide differences in pathology-free regions of multiple sclerosisâ€“affected brains. Nature Neuroscience, 2014, 17, 121-130.	14.8	239
25	Discrepancy in CCL2 and CCR2 expression in white versus grey matter hippocampal lesions of Multiple Sclerosis patients. Acta Neuropathologica Communications, 2014, 2, 98.	5.2	32
26	Axonal loss in multiple sclerosis. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 122, 101-113.	1.8	71
27	Hippocampal demyelination and memory dysfunction are associated with increased levels of the neuronal microRNA miRâ€124 and reduced AMPA receptors. Annals of Neurology, 2013, 73, 637-645.	5.3	164
28	Gene expression changes underlying cortical pathology: clues to understanding neurological disability in multiple sclerosis. Multiple Sclerosis Journal, 2013, 19, 1249-1254.	3.0	5
29	Cortical remyelination: A new target for repair therapies in multiple sclerosis. Annals of Neurology, 2012, 72, 918-926.	5.3	191
30	Demyelination causes synaptic alterations in hippocampi from multiple sclerosis patients. Annals of Neurology, 2011, 69, 445-454.	5.3	269
31	Activation of the ciliary neurotrophic factor (CNTF) signalling pathway in cortical neurons of multiple sclerosis patients. Brain, 2007, 130, 2566-2576.	7.6	83
32	Pathogenesis of axonal and neuronal damage in multiple sclerosis. Neurology, 2007, 68, S22-S31.	1.1	343
33	Mitochondrial dysfunction as a cause of axonal degeneration in multiple sclerosis patients. Annals of Neurology, 2006, 59, 478-489.	5.3	748