

Anand M Iyer

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57 papers	2,997 citations	27 h-index	54 g-index
62 ext. papers	3,550 ext. citations	6.2 avg, IF	4.84 L-index

#	Paper	IF	Citations
57	Toll-like receptor 4 and high-mobility group box-1 are involved in ictogenesis and can be targeted to reduce seizures. <i>Nature Medicine</i> , 2010 , 16, 413-9	50.5	638
56	MicroRNA-146a: a key regulator of astrocyte-mediated inflammatory response. <i>PLoS ONE</i> , 2012 , 7, e44789	3.7	240
55	Activation of Toll-like receptor, RAGE and HMGB1 signalling in malformations of cortical development. <i>Brain</i> , 2011 , 134, 1015-32	11.2	162
54	Hippocampal subregion-specific microRNA expression during epileptogenesis in experimental temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2014 , 62, 508-20	7.5	138
53	Receptor for Advanced Glycation Endproducts is upregulated in temporal lobe epilepsy and contributes to experimental seizures. <i>Neurobiology of Disease</i> , 2013 , 58, 102-14	7.5	121
52	Evaluation of the innate and adaptive immunity in type I and type II focal cortical dysplasias. <i>Epilepsia</i> , 2010 , 51, 1763-73	6.4	115
51	Blockade of the IL-1R1/TLR4 pathway mediates disease-modification therapeutic effects in a model of acquired epilepsy. <i>Neurobiology of Disease</i> , 2017 , 99, 12-23	7.5	114
50	Upregulation of adenosine kinase in astrocytes in experimental and human temporal lobe epilepsy. <i>Epilepsia</i> , 2011 , 52, 1645-55	6.4	95
49	BRAF V600E mutation is associated with mTOR signaling activation in glioneuronal tumors. <i>Brain Pathology</i> , 2014 , 24, 52-66	6	92
48	Amyloid beta deregulates astroglial mGluR5-mediated calcium signaling via calcineurin and NF- κ B. <i>Glia</i> , 2013 , 61, 1134-45	9	92
47	Hair Cortisol, Obesity and the Immune System: Results From a 3 Year Longitudinal Study. <i>Journal of the Endocrine Society</i> , 2021 , 5, A14-A14	0.4	78
46	LG-23MicroRNA519d AND microRNA4758 IN DISTINGUISHING GANGLIOGLIOMA FROM DYSEMBRYOPLASTIC NEUROEPITHELIAL TUMORS AND ASTROCYTOMAS. <i>Neuro-Oncology</i> , 2016 , 18, iii83.3-iii83	1	78
45	LG-53MicroRNA519d AND microRNA4758 IN DISTINGUISHING GANGLIOGLIOMA FROM DYSEMBRYOPLASTIC NEUROEPITHELIAL TUMORS AND ASTROCYTOMAS. <i>Neuro-Oncology</i> , 2016 , 18, iii90.4-iii90	1	78
44	MicroRNA-146a regulates survival and maturation of human plasmacytoid dendritic cells. <i>Blood</i> , 2013 , 122, 3001-9	2.2	66
43	mTOR Hyperactivation in down syndrome hippocampus appears early during development. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014 , 73, 671-83	3.1	52
42	Molecular classification of amyotrophic lateral sclerosis by unsupervised clustering of gene expression in motor cortex. <i>Neurobiology of Disease</i> , 2015 , 74, 359-76	7.5	51
41	Overexpression of ADK in human astrocytic tumors and peritumoral tissue is related to tumor-associated epilepsy. <i>Epilepsia</i> , 2012 , 53, 58-66	6.4	51

40	Glial adenosine kinase--a neuropathological marker of the epileptic brain. <i>Neurochemistry International</i> , 2013 , 63, 688-95	4.4	50
39	Novel Histopathological Patterns in Cortical Tubers of Epilepsy Surgery Patients with Tuberous Sclerosis Complex. <i>PLoS ONE</i> , 2016 , 11, e0157396	3.7	46
38	Regulation of Kir4.1 expression in astrocytes and astrocytic tumors: a role for interleukin-1 β . <i>Journal of Neuroinflammation</i> , 2012 , 9, 280	10.1	42
37	Spoligotyping of Mycobacterium tuberculosis isolates from multiple-drug-resistant tuberculosis patients from Bombay, India. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 2677-80	9.7	41
36	Role of in neural stem cell differentiation and neural lineage determination: relevance for neurodevelopmental disorders. <i>Molecular Autism</i> , 2018 , 9, 38	6.5	35
35	Cell injury and premature neurodegeneration in focal malformations of cortical development. <i>Brain Pathology</i> , 2014 , 24, 1-17	6	35
34	Coding and small non-coding transcriptional landscape of tuberous sclerosis complex cortical tubers: implications for pathophysiology and treatment. <i>Scientific Reports</i> , 2017 , 7, 8089	4.9	32
33	Differential expression of major histocompatibility complex class I in developmental glioneuronal lesions. <i>Journal of Neuroinflammation</i> , 2013 , 10, 12	10.1	31
32	Landscape of chromosomal copy number aberrations in gangliogliomas and dysembryoplastic neuroepithelial tumours. <i>Neuropathology and Applied Neurobiology</i> , 2015 , 41, 743-55	5.2	30
31	Oxidative stress and inflammation in a spectrum of epileptogenic cortical malformations: molecular insights into their interdependence. <i>Brain Pathology</i> , 2019 , 29, 351-365	6	30
30	Disruption of the astrocytic TNFR1-GDNF axis accelerates motor neuron degeneration and disease progression in amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2016 , 25, 3080-3095	5.6	27
29	Functional aspects of early brain development are preserved in tuberous sclerosis complex (TSC) epileptogenic lesions. <i>Neurobiology of Disease</i> , 2016 , 95, 93-101	7.5	26
28	Induction of sodium channel Na(x) (SCN7A) expression in rat and human hippocampus in temporal lobe epilepsy. <i>Epilepsia</i> , 2010 , 51, 1791-800	6.4	26
27	miR147b: A novel key regulator of interleukin 1 beta-mediated inflammation in human astrocytes. <i>Glia</i> , 2018 , 66, 1082-1097	9	23
26	Leprosy-specific B-cells within cellular infiltrates in active leprosy lesions. <i>Human Pathology</i> , 2007 , 38, 1065-1073	3.7	23
25	Endothelin-1 is over-expressed in amyotrophic lateral sclerosis and induces motor neuron cell death. <i>Neurobiology of Disease</i> , 2014 , 65, 160-71	7.5	21
24	Increased chitotriosidase activity in serum of leprosy patients: association with bacillary leprosy. <i>Clinical Immunology</i> , 2009 , 131, 501-9	9	21
23	mTOR-related neuropathology in mutant tsc2 zebrafish: Phenotypic, transcriptomic and pharmacological analysis. <i>Neurobiology of Disease</i> , 2017 , 108, 225-237	7.5	20

22	Specific pattern of maturation and differentiation in the formation of cortical tubers in tuberous sclerosis complex (TSC): evidence from layer-specific marker expression. <i>Journal of Neurodevelopmental Disorders</i> , 2016 , 8, 9	4.6	18
21	Amyotrophic Lateral Sclerosis, a Multisystem Pathology: Insights into the Role of TNF. <i>Mediators of Inflammation</i> , 2017 , 2017, 2985051	4.3	18
20	The physiological phosphorylation of tau is critically changed in fetal brains of individuals with Down syndrome. <i>Neuropathology and Applied Neurobiology</i> , 2018 , 44, 314-327	5.2	16
19	Tuberous sclerosis complex neuropathology requires glutamate-cysteine ligase. <i>Acta Neuropathologica Communications</i> , 2015 , 3, 48	7.3	13
18	LINC00507 Is Specifically Expressed in the Primate Cortex and Has Age-Dependent Expression Patterns. <i>Journal of Molecular Neuroscience</i> , 2016 , 59, 431-9	3.3	13
17	Pharmacotherapy of focal epilepsy. <i>Expert Opinion on Pharmacotherapy</i> , 2014 , 15, 1543-51	4	12
16	Advances in leprosy immunology and the field application: A gap to bridge. <i>Clinics in Dermatology</i> , 2016 , 34, 82-95	3	11
15	Reduced expression of the glucocorticoid receptor in the hippocampus of patients with drug-resistant temporal lobe epilepsy and comorbid depression. <i>Epilepsia</i> , 2020 , 61, 1595-1605	6.4	11
14	Systemic and Local Corticosteroid Use Is Associated with Reduced Executive Cognition, and Mood and Anxiety Disorders. <i>Neuroendocrinology</i> , 2020 , 110, 282-291	5.6	11
13	Ontogenetic modifications of neuronal excitability during brain maturation: developmental changes of neurotransmitter receptors. <i>Epilepsia</i> , 2011 , 52 Suppl 8, 3-5	6.4	10
12	Expression and Cellular Distribution of P-Glycoprotein and Breast Cancer Resistance Protein in Amyotrophic Lateral Sclerosis Patients. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020 , 79, 266-276	3.1	8
11	In Situ complement activation and T-cell immunity in leprosy spectrum: An immunohistological study on leprosy lesional skin. <i>PLoS ONE</i> , 2017 , 12, e0177815	3.7	8
10	Developmental patterns of DR6 in normal human hippocampus and in Down syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2013 , 5, 10	4.6	7
9	In adults with obesity, copeptin is linked with BMI but is not associated with long-term exposure to cortisol and cortisone. <i>European Journal of Endocrinology</i> , 2020 , 183, 669-676	6.5	4
8	MicroRNA519d and microRNA4758 can identify gangliogliomas from dysembryoplastic neuroepithelial tumours and astrocytomas. <i>Oncotarget</i> , 2018 , 9, 28103-28115	3.3	4
7	Activation and cytokine profile of monocyte derived dendritic cells in leprosy: in vitro stimulation by sonicated Mycobacterium leprae induces decreased level of IL-12p70 in lepromatous leprosy. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015 , 110, 655-61	2.6	3
6	Developmental expression and dysregulation of miR146a and miR155 in Down's syndrome and mouse models of Down's syndrome and Alzheimer's disease. <i>Free Radical Biology and Medicine</i> , 2017 , 108, S73	7.8	2
5	Variation in glucocorticoid sensitivity and the relation with obesity. <i>Obesity Reviews</i> , 2021 , e13401	10.6	2

4	Anthropometrics and Metabolic Syndrome in Relation to Glucocorticoid Receptor Polymorphisms in Corticosteroid Users. <i>Neuroendocrinology</i> , 2021 , 111, 1121-1129	5.6	2
3	The Relation Between Cortisol and Anthropometric Measurements Throughout Lifespan: A Systematic Review and Meta-Analysis. <i>Journal of the Endocrine Society</i> , 2021 , 5, A30-A30	0.4	1
2	Hair cortisol, obesity and the immune system: Results from a 3 year longitudinal study. <i>Psychoneuroendocrinology</i> , 2021 , 134, 105422	5	1
1	Cross-sectional relation of long-term glucocorticoids in hair with anthropometric measurements and their possible determinants: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2021 , e13376	10.6	0