

# Lawrence Rajendran

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

10,242  
citations

172457

29  
h-index

254184

43  
g-index

52  
all docs

52  
docs citations

52  
times ranked

16909  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurological and mental health consequences of COVID-19: potential implications for well-being and labour force. <i>Brain Communications</i> , 2021, 3, fcab012.	3.3	17
2	Detection of Synaptic Proteins in Microglia by Flow Cytometry. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 149.	2.9	20
3	Emerging Developments in Human Induced Pluripotent Stem Cell-Derived Microglia: Implications for Modelling Psychiatric Disorders With a Neurodevelopmental Origin. <i>Frontiers in Psychiatry</i> , 2020, 11, 789.	2.6	14
4	The Wide World of Coacervates: From the Sea to Neurodegeneration. <i>Trends in Biochemical Sciences</i> , 2020, 45, 706-717.	7.5	43
5	Exploration of Plasma Lipids in Mild Cognitive Impairment due to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1117-1127.	2.6	5
6	Effects of Anthocyanin Supplementation on Serum Lipids, Glucose, Markers of Inflammation and Cognition in Adults With Increased Risk of Dementia – A Pilot Study. <i>Frontiers in Genetics</i> , 2019, 10, 536.	2.3	14
7	Concise Review: Modeling Neurodegenerative Diseases with Human Pluripotent Stem Cell-Derived Microglia. <i>Stem Cells</i> , 2019, 37, 724-730.	3.2	36
8	Cell-to-cell Communication by Extracellular Vesicles: Focus on Microglia. <i>Neuroscience</i> , 2019, 405, 148-157.	2.3	268
9	Microglia-Mediated Synapse Loss in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2018, 38, 2911-2919.	3.6	228
10	The Microglial Innate Immune Receptor TREM2 Is Required for Synapse Elimination and Normal Brain Connectivity. <i>Immunity</i> , 2018, 48, 979-991.e8.	14.3	436
11	The Alzheimer's Disease $\beta$ -Secretase Generates Higher 42:40 Ratios for $\beta$ -Amyloid Than for p3 Peptides. <i>Cell Reports</i> , 2017, 19, 1967-1976.	6.4	40
12	TDP-43 Depletion in Microglia Promotes Amyloid Clearance but Also Induces Synapse Loss. <i>Neuron</i> , 2017, 95, 297-308.e6.	8.1	171
13	Specific Inhibition of $\beta$ -Secretase Processing of the Alzheimer Disease Amyloid Precursor Protein. <i>Cell Reports</i> , 2016, 14, 2127-2141.	6.4	87
14	miR-186 in Alzheimer's disease: a big hope for a small RNA?. <i>Journal of Neurochemistry</i> , 2016, 137, 308-311.	3.9	13
15	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. <i>ACS Nano</i> , 2016, 10, 3886-3899.	14.6	397
16	Function, therapeutic potential and cell biology of $\alpha$ -secretase proteases: current status and future prospects. <i>Journal of Neurochemistry</i> , 2014, 130, 4-28.	3.9	269
17	Emerging Roles of Extracellular Vesicles in the Nervous System. <i>Journal of Neuroscience</i> , 2014, 34, 15482-15489.	3.6	219
18	A Paired RNAi and RabGAP Overexpression Screen Identifies Rab11 as a Regulator of $\beta$ -Amyloid Production. <i>Cell Reports</i> , 2013, 5, 1536-1551.	6.4	120

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19	A Function for EHD Family Proteins in Unidirectional Retrograde Dendritic Transport of BACE1 and Alzheimer's Disease A $\beta$ Production. <i>Cell Reports</i> , 2013, 5, 1552-1563.	6.4	65
20	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. <i>PLoS Biology</i> , 2012, 10, e1001450.	5.6	1,064
21	Role of genes linked to sporadic Alzheimer's disease risk in the production of $\beta$ -amyloid peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15307-15311.	7.1	80
22	Lipid-anchored drugs for delivery into subcellular compartments. <i>Trends in Pharmacological Sciences</i> , 2012, 33, 215-222.	8.7	21
23	Lipid raft redistribution and morphological cell polarization are separable processes providing a basis for hematopoietic stem and progenitor cell migration. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1121-1132.	2.8	12
24	Retromers in Alzheimer's Disease. <i>Neurodegenerative Diseases</i> , 2012, 10, 116-121.	1.4	26
25	Membrane Trafficking Pathways in Alzheimer's Disease. <i>Traffic</i> , 2012, 13, 759-770.	2.7	181
26	Membrane Anchored and Lipid Raft Targeted $\beta$ -Secretase Inhibitors for Alzheimer's Disease Therapy. <i>Journal of Alzheimer's Disease</i> , 2011, 24, 143-152.	2.6	18
27	Subcellular targeting strategies for drug design and delivery. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 29-42.	46.4	612
28	Cellular basis of Alzheimer's disease. <i>Annals of Indian Academy of Neurology</i> , 2010, 13, 89.	0.5	14
29	Nuclear signaling by the APP intracellular domain occurs predominantly through the amyloidogenic processing pathway. <i>Journal of Cell Science</i> , 2009, 122, 3703-3714.	2.0	112
30	The Transcellular Spread of Cytosolic Amyloids, Prions, and Prionoids. <i>Neuron</i> , 2009, 64, 783-790.	8.1	414
31	Membrane Trafficking and Targeting in Alzheimer's Disease. <i>Research and Perspectives in Alzheimer's Disease</i> , 2009, , 103-113.	0.1	1
32	Flotillins Are Involved in the Polarization of Primitive and Mature Hematopoietic Cells. <i>PLoS ONE</i> , 2009, 4, e8290.	2.5	42
33	Efficient Inhibition of the Alzheimer's Disease $\beta$ -Secretase by Membrane Targeting. <i>Science</i> , 2008, 320, 520-523.	12.6	254
34	Ceramide Triggers Budding of Exosome Vesicles into Multivesicular Endosomes. <i>Science</i> , 2008, 319, 1244-1247.	12.6	2,800
35	Flotillin-Dependent Clustering of the Amyloid Precursor Protein Regulates Its Endocytosis and Amyloidogenic Processing in Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 2874-2882.	3.6	180
36	Increased A $\beta$ Production Leads to Intracellular Accumulation of A $\beta$ in Flotillin-1-Positive Endosomes. <i>Neurodegenerative Diseases</i> , 2007, 4, 164-170.	1.4	44

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37	Raft association and lipid droplet targeting of flotillins are independent of caveolin. <i>Biological Chemistry</i> , 2007, 388, 307-14.	2.5	40
38	Alzheimer's disease $\beta$ -amyloid peptides are released in association with exosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11172-11177.	7.1	1,133
39	Lipid rafts and membrane dynamics. <i>Journal of Cell Science</i> , 2005, 118, 1099-1102.	2.0	519
40	Identification of teleost Thy-1 and association with the microdomain/lipid raft reggie proteins in regenerating CNS axons. <i>Molecular and Cellular Neurosciences</i> , 2003, 22, 544-554.	2.2	24
41	Asymmetric localization of flotillins/reggies in preassembled platforms confers inherent polarity to hematopoietic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8241-8246.	7.1	131
42	The Lipid Raft Microdomain-Associated Protein Reggie-1/ Flotillin-2 is Expressed in Human B Cells and Localized at the Plasma Membrane and Centrosome in PBMCs. <i>Immunobiology</i> , 2002, 205, 108-119.	1.9	52
43	$\beta$ -Secretase regulates the $\alpha$ -secretase cleavage of the Alzheimer's disease, amyloid precursor protein. <i>Matters</i> , 0, , .	1.0	2
44	$\beta$ -Secretase Activating Protein (GSAP) does not specifically affect the $\beta$ -Secretase processing of APP. <i>Matters</i> , 0, , .	1.0	1