

John Jia En Chua

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,070
citations

430874

18
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

5616
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	50,742
2	SynGO: An Evidence-Based, Expert-Curated Knowledge Base for the Synapse. <i>Neuron</i> , 2019, 103, 217-234.e4.	8.1	518
3	Quantitative Comparison of Glutamatergic and GABAergic Synaptic Vesicles Unveils Selectivity for Few Proteins Including MAL2, a Novel Synaptic Vesicle Protein. <i>Journal of Neuroscience</i> , 2010, 30, 2-12.	3.6	154
4	The GTPase Rab26 links synaptic vesicles to the autophagy pathway. <i>ELife</i> , 2015, 4, e05597.	6.0	138
5	Molecular Profiling of Synaptic Vesicle Docking Sites Reveals Novel Proteins but Few Differences between Glutamatergic and GABAergic Synapses. <i>Neuron</i> , 2013, 78, 285-297.	8.1	130
6	The architecture of an excitatory synapse. <i>Journal of Cell Science</i> , 2010, 123, 819-823.	2.0	96
7	Quantitative Analysis of Synaptic Vesicle Rabs Uncovers Distinct Yet Overlapping Roles for Rab3a and Rab27b in Ca ²⁺ -Triggered Exocytosis. <i>Journal of Neuroscience</i> , 2010, 30, 13441-13453.	3.6	87
8	Functions of Rab Proteins at Presynaptic Sites. <i>Cells</i> , 2016, 5, 7.	4.1	50
9	Phosphorylation-regulated axonal dependent transport of syntaxin 1 is mediated by a Kinesin-1 adapter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5862-5867.	7.1	44
10	A Novel Site of Action for Î±-SNAP in the SNARE Conformational Cycle Controlling Membrane Fusion. <i>Molecular Biology of the Cell</i> , 2008, 19, 776-784.	2.1	41
11	Analysis of protein phosphorylation in nerve terminal reveals extensive changes in active zone proteins upon exocytosis. <i>ELife</i> , 2016, 5, .	6.0	41
12	The non-structural 3 (NS3) protein of dengue virus type 2 interacts with human nuclear receptor binding protein and is associated with alterations in membrane structure. <i>Virus Research</i> , 2004, 102, 151-163.	2.2	40
13	Localisation of Formyl-Peptide Receptor 2 in the Rat Central Nervous System and Its Role in Axonal and Dendritic Outgrowth. <i>Neurochemical Research</i> , 2018, 43, 1587-1598.	3.3	40
14	Recombinant non-structural 1 (NS1) protein of dengue-2 virus interacts with human STAT3 ^{Î²} protein. <i>Virus Research</i> , 2005, 112, 85-94.	2.2	38
15	Phosphorylation of FEZ1 by Microtubule Affinity Regulating Kinases regulates its function in presynaptic protein trafficking. <i>Scientific Reports</i> , 2016, 6, 26965.	3.3	27
16	Increased expression of heme-binding protein 1 early in Alzheimer's disease is linked to neurotoxicity. <i>ELife</i> , 2019, 8, .	6.0	27
17	S-Nitrosylation of Divalent Metal Transporter 1 Enhances Iron Uptake to Mediate Loss of Dopaminergic Neurons and Motoric Deficit. <i>Journal of Neuroscience</i> , 2018, 38, 8364-8377.	3.6	24
18	Tissue-selective restriction of RNA editing of CaV1.3 by splicing factor SRSF9. <i>Nucleic Acids Research</i> , 2018, 46, 7323-7338.	14.5	21

#	ARTICLE	IF	CITATIONS
19	Macromolecular complexes at active zones: integrated nano-machineries for neurotransmitter release. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3903-3916.	5.4	19
20	Enriched Expression of Neutral Sphingomyelinase 2 in the Striatum is Essential for Regulation of Lipid Raft Content and Motor Coordination. <i>Molecular Neurobiology</i> , 2018, 55, 5741-5756.	4.0	19
21	Synthesis of two SAPAP3 isoforms from a single mRNA is mediated via alternative translational initiation. <i>Scientific Reports</i> , 2012, 2, 484.	3.3	14
22	The Roles of Microtubule-Based Transport at Presynaptic Nerve Terminals. <i>Frontiers in Synaptic Neuroscience</i> , 2016, 8, 3.	2.5	14
23	FEZ1 Forms Complexes with CRMP1 and DCC to Regulate Axon and Dendrite Development. <i>ENeuro</i> , 2021, 8, ENEURO.0193-20.2021.	1.9	11
24	Identification of CD137-Expressing B Cells in Multiple Sclerosis Which Secrete IL-6 Upon Engagement by CD137 Ligand. <i>Frontiers in Immunology</i> , 2020, 11, 571964.	4.8	9
25	Crystal Structure of the Human Short Coiled Coil Protein and Insights into SCOC-FEZ1 Complex Formation. <i>PLoS ONE</i> , 2013, 8, e76355.	2.5	7
26	Loss of FEZ1, a gene deleted in Jacobsen syndrome, causes locomotion defects and early mortality by impairing motor neuron development. <i>Human Molecular Genetics</i> , 2021, 30, 5-20.	2.9	6
27	Role of formyl peptide receptor 2 (FPR2) in the normal brain and in neurological conditions. <i>Neural Regeneration Research</i> , 2019, 14, 2071.	3.0	6
28	HEBP1 - An early trigger for neuronal cell death and circuit dysfunction in Alzheimer's disease. <i>Seminars in Cell and Developmental Biology</i> , 2023, 139, 102-110.	5.0	6
29	Differential Dengue Cross-Reactive and Neutralizing Antibody Responses in BALB/c and Swiss Albino Mice Induced by Immunization with Flaviviral Vaccines and by Infection with Homotypic Dengue-2 Virus Strains. <i>Viral Immunology</i> , 2006, 19, 33-41.	1.3	4
30	Managing intracellular transport. <i>Worm</i> , 2013, 2, e21564.	1.0	4
31	The importance of fasciculation and elongation protein zeta-1 in neural circuit establishment and neurological disorders. <i>Neural Regeneration Research</i> , 2022, 17, 1165.	3.0	4
32	P201: DECIPHERING THE PROGRESSION OF ALZHEIMER'S DISEASE BY PROTEOMIC ANALYSIS. <i>Alzheimer's and Dementia</i> , 2018, 14, P746.	0.8	0