

# Moses V Chao

## List of Publications by Year in descending order

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62  
papers

7,860  
citations

172457

29  
h-index

149698

56  
g-index

70  
all docs

70  
docs citations

70  
times ranked

10448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurotrophins and their receptors: A convergence point for many signalling pathways. <i>Nature Reviews Neuroscience</i> , 2003, 4, 299-309.	10.2	1,961
2	Bradykinin and nerve growth factor release the capsaicin receptor from PtdIns(4,5)P2-mediated inhibition. <i>Nature</i> , 2001, 411, 957-962.	27.8	1,144
3	Oxytocin enables maternal behaviour by balancing cortical inhibition. <i>Nature</i> , 2015, 520, 499-504.	27.8	585
4	Neurotrophin signalling in health and disease. <i>Clinical Science</i> , 2006, 110, 167-173.	4.3	549
5	Exercise promotes the expression of brain derived neurotrophic factor (BDNF) through the action of the ketone body $\beta^2$ -hydroxybutyrate. <i>ELife</i> , 2016, 5, .	6.0	475
6	A New Population of Parvocellular Oxytocin Neurons Controlling Magnocellular Neuron Activity and Inflammatory Pain Processing. <i>Neuron</i> , 2016, 89, 1291-1304.	8.1	314
7	Oxytocin Enhances Social Recognition by Modulating Cortical Control of Early Olfactory Processing. <i>Neuron</i> , 2016, 90, 609-621.	8.1	272
8	Neurotrophins. <i>Neuron</i> , 2002, 33, 9-12.	8.1	254
9	A Distributed Network for Social Cognition Enriched for Oxytocin Receptors. <i>Journal of Neuroscience</i> , 2016, 36, 2517-2535.	3.6	245
10	Neurotrophin signalling: novel insights into mechanisms and pathophysiology. <i>Clinical Science</i> , 2017, 131, 13-23.	4.3	198
11	GIPC and GAIP Form a Complex with TrkA: A Putative Link between G Protein and Receptor Tyrosine Kinase Pathways. <i>Molecular Biology of the Cell</i> , 2001, 12, 615-627.	2.1	151
12	BDNF-mediated neurotransmission relies upon a myosin VI motor complex. <i>Nature Neuroscience</i> , 2006, 9, 1009-1018.	14.8	132
13	Oxytocin Transforms Firing Mode of CA2 Hippocampal Neurons. <i>Neuron</i> , 2018, 100, 593-608.e3.	8.1	102
14	Tyrosine phosphorylation of p190 RHO GAP by Fyn regulates oligodendrocyte differentiation. <i>Journal of Neurobiology</i> , 2001, 49, 62-78.	3.6	100
15	p75 neurotrophin receptor as a modulator of survival and death decisions. , 1999, 45, 217-224.		95
16	Trophic factors: An evolutionary cul-de-sac or door into higher neuronal function?. <i>Journal of Neuroscience Research</i> , 2000, 59, 353-355.	2.9	90
17	Neurotrophic-priming of glucocorticoid receptor signaling is essential for neuronal plasticity to stress and antidepressant treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15737-15742.	7.1	89
18	The Emerging Role for Zinc in Depression and Psychosis. <i>Frontiers in Pharmacology</i> , 2017, 8, 414.	3.5	82

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19	Slitrk5 Mediates BDNF-Dependent TrkB Receptor Trafficking and Signaling. <i>Developmental Cell</i> , 2015, 33, 690-702.	7.0	81
20	Ectopic expression of p27Kip1 in oligodendrocyte progenitor cells results in cell-cycle growth arrest. <i>Journal of Neurobiology</i> , 1998, 36, 431-440.	3.6	73
21	Association of the Abl tyrosine kinase with the Trk nerve growth factor receptor. , 2000, 59, 356-364.		59
22	Consequences of brain-derived neurotrophic factor withdrawal in CNS neurons and implications in disease. <i>Neurobiology of Disease</i> , 2017, 97, 73-79.	4.4	59
23	BONLAC: A combinatorial proteomic technique to measure stimulus-induced translational profiles in brain slices. <i>Neuropharmacology</i> , 2016, 100, 76-89.	4.1	47
24	Oxytocin Modulation of Neural Circuits. <i>Current Topics in Behavioral Neurosciences</i> , 2017, 35, 31-53.	1.7	45
25	Selective decline of neurotrophin and neurotrophin receptor genes within CA1 pyramidal neurons and hippocampus proper: Correlation with cognitive performance and neuropathology in mild cognitive impairment and Alzheimer's disease. <i>Hippocampus</i> , 2019, 29, 422-439.	1.9	45
26	Immune Escape via a Transient Gene Expression Program Enables Productive Replication of a Latent Pathogen. <i>Cell Reports</i> , 2017, 18, 1312-1323.	6.4	43
27	Brain-Derived Neurotrophic Factor Signaling Rewrites the Glucocorticoid Transcriptome via Glucocorticoid Receptor Phosphorylation. <i>Molecular and Cellular Biology</i> , 2013, 33, 4138-4138.	2.3	42
28	De novo mutations from sporadic schizophrenia cases highlight important signaling genes in an independent sample. <i>Schizophrenia Research</i> , 2015, 166, 119-124.	2.0	41
29	Detection of p75NTR Trimers: Implications for Receptor Stoichiometry and Activation. <i>Journal of Neuroscience</i> , 2015, 35, 11911-11920.	3.6	36
30	Brain-derived neurotrophic factor (BDNF) and TrkB hippocampal gene expression are putative predictors of neuritic plaque and neurofibrillary tangle pathology. <i>Neurobiology of Disease</i> , 2019, 132, 104540.	4.4	32
31	Downstream Consequences of Exercise Through the Action of BDNF. <i>Brain Plasticity</i> , 2015, 1, 143-148.	3.5	31
32	Bridging the Gap between Brain-Derived Neurotrophic Factor and Glucocorticoid Effects on Brain Networks. <i>Neuroendocrinology</i> , 2019, 109, 277-284.	2.5	31
33	Retrograde Transport Redux. <i>Neuron</i> , 2003, 39, 1-2.	8.1	30
34	Definition of a Bidirectional Activity-Dependent Pathway Involving BDNF and Narp. <i>Cell Reports</i> , 2015, 13, 1747-1756.	6.4	30
35	Promoting Neurotrophic Effects by GPCR Ligands. <i>Novartis Foundation Symposium</i> , 2008, , 181-192.	1.1	27
36	Deletion of Neurotrophin Signaling through the Glucocorticoid Receptor Pathway Causes Tau Neuropathology. <i>Scientific Reports</i> , 2016, 6, 37231.	3.3	27

#	ARTICLE	IF	CITATIONS
37	Phenotypically distinct subtypes of psychosis accompany novel or rare variants in four different signaling genes. <i>EBioMedicine</i> , 2016, 6, 206-214.	6.1	26
38	Rare variants in the neurotrophin signaling pathway implicated in schizophrenia risk. <i>Schizophrenia Research</i> , 2015, 168, 421-428.	2.0	25
39	Neurotrophin survival signaling mechanisms. <i>Journal of Alzheimer's Disease</i> , 2005, 6, S7-S11.	2.6	21
40	Telomerase and oligodendrocyte differentiation. <i>Journal of Neurobiology</i> , 2001, 49, 224-234.	3.6	19
41	Dependence Receptors: What Is the Mechanism?. <i>Science Signaling</i> , 2003, 2003, pe38-pe38.	3.6	17
42	Deconstructing brain-derived neurotrophic factor actions in adult brain circuits to bridge an existing informational gap in neuro-cell biology. <i>Neural Regeneration Research</i> , 2016, 11, 363.	3.0	16
43	Single-cell transcriptomics identifies <i>Gadd45b</i> as a regulator of herpesvirus-reactivating neurons. <i>EMBO Reports</i> , 2022, 23, e53543.	4.5	16
44	Functional expression of TrkA receptors in hippocampal neurons. , 1998, 54, 424-431.		15
45	Prefrontal neuronal integrity predicts symptoms and cognition in schizophrenia and is sensitive to genetic heterogeneity. <i>Schizophrenia Research</i> , 2016, 172, 94-100.	2.0	12
46	The transmembrane domain of the p75 neurotrophin receptor stimulates phosphorylation of the TrkB tyrosine kinase receptor. <i>Journal of Biological Chemistry</i> , 2017, 292, 16594-16604.	3.4	11
47	Rare missense coding variants in oxytocin receptor (OXTR) in schizophrenia cases are associated with early trauma exposure, cognition and emotional processing. <i>Journal of Psychiatric Research</i> , 2018, 97, 58-64.	3.1	9
48	ARMS/Kidins220 and Synembryn-B levels regulate NGF-mediated secretion. <i>Journal of Cell Science</i> , 2016, 129, 1866-77.	2.0	8
49	Sex-Specific Differences in Oxytocin Receptor Expression and Function for Parental Behavior. , 2017, 1, 1-25.	0.8	6
50	Regulation of BACE1 expression after injury is linked to the p75 neurotrophin receptor. <i>Molecular and Cellular Neurosciences</i> , 2019, 99, 103395.	2.2	6
51	Methylphenidate alters Akt-mTOR signaling in rat pheochromocytoma cells. <i>International Journal of Developmental Neuroscience</i> , 2019, 73, 10-18.	1.6	5
52	Trophic factors: 50 years of growth. <i>Developmental Neurobiology</i> , 2010, 70, 269-270.	3.0	4
53	Early trauma and clinical features of schizophrenia cases influenced by the BDNF Val66Met allele. <i>Schizophrenia Research</i> , 2018, 193, 453-455.	2.0	4
54	Rita Levi-Montalcini: In Memoriam. <i>Neuron</i> , 2013, 77, 385-387.	8.1	3

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55	Increasing the specificity of neurotrophic factors. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13565-13566.	7.1	2
56	Traumatic experiences and cognitive profiles of schizophrenia cases influenced by the BDNF Val66met polymorphism. Psychiatry Research, 2019, 271, 111-113.	3.3	2
57	Hippocampal metabolite concentrations in schizophrenia vary in association with rare gene variants in the TRIO gene. Schizophrenia Research, 2020, 224, 167-169.	2.0	2
58	Transglutaminase-5 related schizophrenia. Schizophrenia Research, 2018, 193, 477-479.	2.0	1
59	Rapamycin blocks the neuroprotective effects of sex steroids in the adult birdsong system. Developmental Neurobiology, 2019, 79, 794-804.	3.0	1
60	Ira B. Black 1941â€“2006. Neuron, 2006, 49, 653-654.	8.1	0
61	Chair's Introduction. Novartis Foundation Symposium, 0, , 1-3.	1.1	0
62	Growth factors and psychiatric disorders. Introduction. Novartis Foundation Symposium, 2008, 289, 1-3.	1.1	0