

Masayasu Okochi

List of Publications by Year in descending order

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68
papers

3,884
citations

136740

32
h-index

123241

61
g-index

69
all docs

69
docs citations

69
times ranked

4666
citing authors

#	ARTICLE	IF	CITATIONS
1	Subcellular Localization of Wild-Type and Parkinson's Disease-Associated Mutant $\hat{1}\pm$ -Synuclein in Human and Transgenic Mouse Brain. <i>Journal of Neuroscience</i> , 2000, 20, 6365-6373.	1.7	611
2	Constitutive Phosphorylation of the Parkinson's Disease Associated $\hat{1}\pm$ -Synuclein. <i>Journal of Biological Chemistry</i> , 2000, 275, 390-397.	1.6	450
3	Presenilin-dependent Intramembrane Proteolysis of CD44 Leads to the Liberation of Its Intracellular Domain and the Secretion of an \hat{A}^{12} -like Peptide. <i>Journal of Biological Chemistry</i> , 2002, 277, 44754-44759.	1.6	253
4	Presenilins mediate a dual intramembranous gamma-secretase cleavage of Notch-1. <i>EMBO Journal</i> , 2002, 21, 5408-5416.	3.5	214
5	Subcellular Distribution and Turnover of Presenilins in Transfected Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 12436-12442.	1.6	136
6	Sensitivity to MPTP is not increased in Parkinson's disease-associated mutant $\hat{1}\pm$ -synuclein transgenic mice. <i>Journal of Neurochemistry</i> , 2001, 77, 1181-1184.	2.1	125
7	Regulation of Notch Signaling by Dynamic Changes in the Precision of S3 Cleavage of Notch-1. <i>Molecular and Cellular Biology</i> , 2008, 28, 165-176.	1.1	110
8	$\hat{1}^3$ -Secretase Modulators and Presenilin 1 Mutants Act Differently on Presenilin/ $\hat{1}^3$ -Secretase Function to Cleave \hat{A}^{242} and \hat{A}^{243} . <i>Cell Reports</i> , 2013, 3, 42-51.	2.9	110
9	Making the final cut: pathogenic amyloid- $\hat{1}^2$ peptide generation by $\hat{1}^3$ -secretase. <i>Cell Stress</i> , 2018, 2, 292-310.	1.4	100
10	Secretion of the Notch-1 \hat{A}^{12} -like Peptide during Notch Signaling*. <i>Journal of Biological Chemistry</i> , 2006, 281, 7890-7898.	1.6	97
11	Intramembrane Processing by Signal Peptide Peptidase Regulates the Membrane Localization of Hepatitis C Virus Core Protein and Viral Propagation. <i>Journal of Virology</i> , 2008, 82, 8349-8361.	1.5	97
12	$\hat{1}^3$ -Secretase Associated with Lipid Rafts. <i>Journal of Biological Chemistry</i> , 2014, 289, 5109-5121.	1.6	89
13	The GxGD Motif of Presenilin Contributes to Catalytic Function and Substrate Identification of \hat{A} -Secretase. <i>Journal of Neuroscience</i> , 2006, 26, 3821-3828.	1.7	79
14	Sigma-1Rs are upregulated via PERK/eIF2 $\hat{1}\pm$ /ATF4 pathway and execute protective function in ER stress. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 519-525.	1.0	78
15	The 28 \hat{A} -amino acid form of an APLP1 \hat{A} -derived \hat{A}^{24} -like peptide is a surrogate marker for \hat{A}^{242} production in the central nervous system. <i>EMBO Molecular Medicine</i> , 2009, 1, 223-235.	3.3	72
16	Presenilin-Dependent $\hat{1}^3$ -Secretase on Plasma Membrane and Endosomes Is Functionally Distinct. <i>Biochemistry</i> , 2006, 45, 4907-4914.	1.2	66
17	Identification of a $\hat{1}^2$ -Secretase Activity, Which Truncates Amyloid $\hat{1}^2$ -Peptide after Its Presenilin-dependent Generation. <i>Journal of Biological Chemistry</i> , 2003, 278, 5531-5538.	1.6	62
18	Laughter and humor as complementary and alternative medicines for dementia patients. <i>BMC Complementary and Alternative Medicine</i> , 2010, 10, 28.	3.7	61

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19	The impact of a genome-wide supported psychosis variant in the <i>ZNF804A</i> gene on memory function in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 1459-1464.	1.1	57
20	Apolipoprotein E and central nervous system disorders: Reviews of clinical findings. <i>Psychiatry and Clinical Neurosciences</i> , 2010, 64, 592-607.	1.0	56
21	Semagacestat Is a Pseudo-Inhibitor of β -Secretase. <i>Cell Reports</i> , 2017, 21, 259-273.	2.9	56
22	Altered localization of amyloid precursor protein under endoplasmic reticulum stress. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 525-530.	1.0	55
23	The Unfolded Protein Response Is Involved in the Pathology of Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 2002, 977, 349-355.	1.8	52
24	Impaired prepulse inhibition and habituation of acoustic startle response in Japanese patients with schizophrenia. <i>Neuroscience Research</i> , 2008, 62, 187-194.	1.0	52
25	Non-pharmacological intervention for dementia patients. <i>Psychiatry and Clinical Neurosciences</i> , 2012, 66, 1-7.	1.0	52
26	TRC8-dependent degradation of hepatitis C virus immature core protein regulates viral propagation and pathogenesis. <i>Nature Communications</i> , 2016, 7, 11379.	5.8	45
27	Identification and characterization of presenilin I-467, I-463 and I-374. <i>FEBS Letters</i> , 1996, 381, 7-11.	1.3	41
28	Alpha-synuclein immunoreactive Lewy bodies and Lewy neurites in Parkinson's disease are detectable by an advanced silver-staining technique. <i>Acta Neuropathologica</i> , 1999, 98, 461-464.	3.9	39
29	A Loss of Function Mutant of the Presenilin Homologue SEL-12 Undergoes Aberrant Endoproteolysis in <i>Caenorhabditis elegans</i> and Increases $A\beta_{42}$ Generation in Human Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 40925-40932.	1.6	36
30	Association study of the G72 gene with schizophrenia in a Japanese population: A multicenter study. <i>Schizophrenia Research</i> , 2009, 109, 80-85.	1.1	34
31	FAD-linked presenilin-1 mutants impede translation regulation under ER stress. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 313-318.	1.0	33
32	Proteolytic processing of presenilin-1 (PS-1) is not associated with Alzheimer's disease with or without PS-1 mutations. <i>FEBS Letters</i> , 1997, 418, 162-166.	1.3	32
33	Association study of <i>KIBRA</i> gene with memory performance in a Japanese population. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 852-857.	1.3	31
34	Transcriptome analysis of distinct mouse strains reveals kinesin light chain-1 splicing as an amyloid- β accumulation modifier. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2638-2643.	3.3	31
35	The <i>AKT1</i> gene is associated with attention and brain morphology in schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2013, 14, 100-113.	1.3	30
36	Successive cleavage of β -amyloid precursor protein by β -secretase. <i>Seminars in Cell and Developmental Biology</i> , 2020, 105, 64-74.	2.3	29

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37	Involvement of endoplasmic reticulum stress in tauopathy. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 500-504.	1.0	26
38	Absolute Quantitation of Low Abundance Plasma APL1 ^{Î2} peptides at Sub-fmol/mL Level by SRM/MRM without Immunoaffinity Enrichment. <i>Journal of Proteome Research</i> , 2014, 13, 1012-1020.	1.8	25
39	Glial tau-positive structures lack the sequence encoded by exon 3 of the tau protein gene. <i>Neuroscience Letters</i> , 1997, 224, 169-172.	1.0	23
40	Human CRB2 Inhibits Î3-Secretase Cleavage of Amyloid Precursor Protein by Binding to the Presenilin Complex. <i>Journal of Biological Chemistry</i> , 2010, 285, 14920-14931.	1.6	23
41	Editorial: New drugs for Alzheimer's disease in Japan. <i>Psychiatry and Clinical Neurosciences</i> , 2011, 65, 399-404.	1.0	22
42	The chitinase 3-like 1 gene and schizophrenia: Evidence from a multi-center caseâ€“control study and meta-analysis. <i>Schizophrenia Research</i> , 2010, 116, 126-132.	1.1	21
43	Protein kinase C stabilizes Xâ€“linked inhibitor of apoptosis protein (XIAP) through phosphorylation at Ser⁸⁷ to suppress apoptotic cell death. <i>Psychogeriatrics</i> , 2011, 11, 90-97.	0.6	21
44	<i>KIBRA</i> Genetic Polymorphism Influences Episodic Memory in Alzheimerâ€™s Disease, but Does Not Show Association with Disease in a Japanese Cohort. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 30, 302-308.	0.7	20
45	Abnormal Gel-Electrophoretic Behavior of Presenilin I and Its Fragment. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 536-541.	1.0	16
46	Processes of Î2-Amyloid and Intracellular Cytoplasmic Domain Generation by Presenilin/Î3-Secretase. <i>Neurodegenerative Diseases</i> , 2008, 5, 160-162.	0.8	13
47	The production ratios of AÎDÎµ51 and AÎ242 by intramembrane proteolysis of Î2APP do not always change in parallel. <i>Psychogeriatrics</i> , 2010, 10, 117-123.	0.6	11
48	Mild cognitive impairment and subjective cognitive impairment. <i>Psychogeriatrics</i> , 2008, 8, 155-160.	0.6	10
49	Destruxin E Decreases Beta-Amyloid Generation by Reducing Colocalization of Beta-Amyloid-Cleaving Enzyme 1 and Beta-Amyloid Protein Precursor. <i>Neurodegenerative Diseases</i> , 2009, 6, 230-239.	0.8	9
50	Relative Ratio and Level of Amyloid-Î2 42 Surrogate in Cerebrospinal Fluid of Familial Alzheimer Disease Patients with Presenilin 1 Mutations. <i>Neurodegenerative Diseases</i> , 2014, 13, 166-170.	0.8	9
51	Presenilin-1 exists in the axoplasm fraction in the brains of aged Down's syndrome subjects and non-demented individuals. <i>Neuroscience Letters</i> , 1999, 267, 121-124.	1.0	8
52	Development of new screening system for Alzheimer disease, in vitro AÎ2 sink assay, to identify the dissociation of soluble AÎ2 from fibrils. <i>Neurobiology of Disease</i> , 2006, 22, 487-495.	2.1	8
53	Prevention of psychiatric illness in the elderly, I: Path to prevention of dementia. <i>Psychogeriatrics</i> , 2009, 9, 111-115.	0.6	8
54	Effect of valine on the efficiency and precision at S4 cleavage of the Notch-1 transmembrane domain. <i>Journal of Neuroscience Research</i> , 2006, 84, 918-925.	1.3	7

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55	Biological markers as outcome measures for Alzheimer's disease interventions – real problems and future possibilities. <i>International Psychogeriatrics</i> , 2007, 19, 391-400.	0.6	6
56	Analysis of APL1 ²⁸ , a Surrogate Marker for Alzheimer A ⁴² , Indicates Altered Precision of ³ -Cleavage in the Brains of Alzheimer Disease Patients. <i>Neurodegenerative Diseases</i> , 2010, 7, 42-45.	0.8	5
57	Switched A ⁴³ generation in familial Alzheimer's disease with presenilin 1 mutation. <i>Translational Psychiatry</i> , 2021, 11, 558.	2.4	5
58	Differential Regulation of Amyloid Precursor Protein/Presenilin 1 Interaction during Ab40/42 Production Detected Using Fusion Constructs. <i>PLoS ONE</i> , 2012, 7, e48551.	1.1	4
59	Involvement of apoptosis and cholinergic dysfunction in Alzheimer's disease. <i>Psychogeriatrics</i> , 2006, 6, S57-S63.	0.6	3
60	Macrophage colony stimulating factor is associated with excretion of amyloid ⁴² peptides from cerebrospinal fluid to peripheral blood. <i>Psychogeriatrics</i> , 2008, 8, 188-195.	0.6	3
61	A ⁴² induces endoplasmic reticulum stress causing possible proteasome impairment via the endoplasmic reticulum-associated degradation pathway. <i>Psychogeriatrics</i> , 2006, 6, 100-106.	0.6	2
62	Difficulty identifying spinocerebellar ataxia 17 from preceding psychiatric symptoms. <i>Psychiatry and Clinical Neurosciences</i> , 2008, 62, 625-625.	1.0	2
63	Production of BBF2H7-derived small peptide fragments via endoplasmic reticulum stress-dependent regulated intramembrane proteolysis. <i>FASEB Journal</i> , 2020, 34, 865-880.	0.2	2
64	Identification of Small Peptides in Human Cerebrospinal Fluid upon Amyloid- ⁴² Degradation. <i>Neurodegenerative Diseases</i> , 2017, 17, 103-109.	0.8	1
65	Biological markers for diagnosis of MCI and neurodegenerative dementia. <i>International Congress Series</i> , 2006, 1290, 101-107.	0.2	0
66	Inhibition of endocytosis activates alternative degradation pathway of γ APP in cultured cells. <i>Psychogeriatrics</i> , 2006, 6, 107-113.	0.6	0
67	Pharmacogenomics of Alzheimer's disease. <i>Asia-Pacific Psychiatry</i> , 2011, 3, 10-16.	1.2	0
68	AD-FTLD Spectrum: New Understanding of the Neurodegenerative Process from the Study of Risk Genes. , 2010, , 235-246.		0