

# Yuichi Hashimoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/413124/publications.pdf>

Version: 2024-02-01

52  
papers

2,995  
citations

159585

30  
h-index

182427

51  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between the Alzheimer's survival peptide humanin and insulin-like growth factor-binding protein 3 regulates cell survival and apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13042-13047.	7.1	250
2	Detailed Characterization of Neuroprotection by a Rescue Factor Humanin against Various Alzheimer's Disease-Relevant Insults. <i>Journal of Neuroscience</i> , 2001, 21, 9235-9245.	3.6	199
3	Mechanisms of Neuroprotection by a Novel Rescue Factor Humanin from Swedish Mutant Amyloid Precursor Protein. <i>Biochemical and Biophysical Research Communications</i> , 2001, 283, 460-468.	2.1	186
4	Humanin Inhibits Neuronal Cell Death by Interacting with a Cytokine Receptor Complex or Complexes Involving CNTF Receptor $\pm$ /WSX-1/gp130. <i>Molecular Biology of the Cell</i> , 2009, 20, 2864-2873.	2.1	164
5	Evidence for in vivo production of Humanin peptide, a neuroprotective factor against Alzheimer's disease-related insults. <i>Neuroscience Letters</i> , 2002, 324, 227-231.	2.1	130
6	A tripartite motif protein TRIM11 binds and destabilizes Humanin, a neuroprotective peptide against Alzheimer's disease-relevant insults. <i>European Journal of Neuroscience</i> , 2003, 17, 1150-1158.	2.6	102
7	Involvement of tyrosine kinases and STAT3 in Humanin-mediated neuroprotection. <i>Life Sciences</i> , 2005, 77, 3092-3104.	4.3	99
8	Identification of essential amino acids in Humanin, a neuroprotective factor against Alzheimer's disease-relevant insults. <i>Peptides</i> , 2003, 24, 585-595.	2.4	95
9	S-nitrosothiol depletion in amyotrophic lateral sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2404-2409.	7.1	95
10	Involvement of c-Jun N-terminal kinase in amyloid precursor protein-mediated neuronal cell death. <i>Journal of Neurochemistry</i> , 2003, 84, 864-877.	3.9	93
11	A Rac1/Phosphatidylinositol 3-Kinase/Akt3 Anti-apoptotic Pathway, Triggered by AlsinLF, the Product of the ALS2 Gene, Antagonizes Cu/Zn-superoxide Dismutase (SOD1) Mutant-induced Motoneuronal Cell Death. <i>Journal of Biological Chemistry</i> , 2005, 280, 4532-4543.	3.4	91
12	Development of a Femtomolar-Acting Humanin Derivative Named Colivelin by Attaching Activity-Dependent Neurotrophic Factor to Its N Terminus: Characterization of Colivelin-Mediated Neuroprotection against Alzheimer's Disease-Relevant Insults In Vitro and In Vivo. <i>Journal of Neuroscience</i> , 2005, 25, 10252-10261.	3.6	87
13	Characterization of the toxic mechanism triggered by Alzheimer's amyloid- $\beta$ peptides via p75 neurotrophin receptor in neuronal hybrid cells. <i>Journal of Neuroscience Research</i> , 2003, 73, 627-636.	2.9	85
14	Neuronal Apoptosis by Apolipoprotein E4 through Low-Density Lipoprotein Receptor-Related Protein and Heterotrimeric GTPases. <i>Journal of Neuroscience</i> , 2000, 20, 8401-8409.	3.6	80
15	Insulin-Like Growth Factor I (IGF-I) Protects Cells from Apoptosis by Alzheimer's V642I Mutant Amyloid Precursor Protein through IGF-I Receptor in an IGF-Binding Protein-Sensitive Manner. <i>Journal of Neuroscience</i> , 2001, 21, 1902-1910.	3.6	80
16	Alsin, the Product of ALS2 Gene, Suppresses SOD1 Mutant Neurotoxicity through RhoGEF Domain by Interacting with SOD1 Mutants. <i>Journal of Biological Chemistry</i> , 2004, 279, 19247-19256.	3.4	80
17	Two serine residues distinctly regulate the rescue function of Humanin, an inhibiting factor of Alzheimer's disease-related neurotoxicity: functional potentiation by isomerization and dimerization. <i>Journal of Neurochemistry</i> , 2003, 85, 1521-1538.	3.9	72
18	The Cytoplasmic Domain of Alzheimer's Amyloid- $\beta$ 2 Protein Precursor Causes Sustained Apoptosis Signal-Regulating Kinase 1/c-Jun NH2-Terminal Kinase-Mediated Neurotoxic Signal via Dimerization. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 889-902.	2.5	70

#	ARTICLE	IF	CITATIONS
19	Death and survival of neuronal cells exposed to Alzheimer's insults. <i>Journal of Neuroscience Research</i> , 2002, 70, 380-391.	2.9	69
20	Multiple Mechanisms Underlie Neurotoxicity by Different Types of Alzheimer's Disease Mutations of Amyloid Precursor Protein. <i>Journal of Biological Chemistry</i> , 2000, 275, 34541-34551.	3.4	64
21	Antibody-Regulated Neurotoxic Function of Cell-Surface $\beta$ -Amyloid Precursor Protein. <i>Molecular and Cellular Neurosciences</i> , 2000, 16, 708-723.	2.2	61
22	Molecular characterization of neurohybrid cell death induced by Alzheimer's amyloid-beta peptides via p75NTR/PLAIDD. <i>Journal of Neurochemistry</i> , 2004, 90, 549-558.	3.9	60
23	Molecular Mechanisms for Neuronal Cell Death by Alzheimer's Amyloid Precursor Protein-Relevant Insults. <i>NeuroSignals</i> , 2002, 11, 236-250.	0.9	55
24	Transforming Growth Factor $\beta$ 2 Is a Neuronal Death-Inducing Ligand for Amyloid- $\beta$ Precursor Protein. <i>Molecular and Cellular Biology</i> , 2005, 25, 9304-9317.	2.3	54
25	Humanin and the Receptors for Humanin. <i>Molecular Neurobiology</i> , 2010, 41, 22-28.	4.0	51
26	Neuroprotective effect of activity-dependent neurotrophic factor against toxicity from familial amyotrophic lateral sclerosis-linked mutant SOD1 in vitro and in vivo. <i>Journal of Neuroscience Research</i> , 2004, 78, 542-552.	2.9	47
27	Humanin and Colivelin: Neuronal-Death-Suppressing Peptides for Alzheimer's Disease and Amyotrophic Lateral Sclerosis. <i>CNS Neuroscience &amp; Therapeutics</i> , 2006, 12, 113-122.	4.0	46
28	Neurotoxic mechanisms triggered by Alzheimer's disease-linked mutant M146L presenilin 1: involvement of NO synthase via a novel pertussis toxin target. <i>Journal of Neurochemistry</i> , 2002, 80, 426-437.	3.9	38
29	Secreted $\beta$ 2 Does Not Mediate Neurotoxicity by Antibody-Stimulated Amyloid Precursor Protein. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 548-556.	2.1	36
30	Neurotoxic Mechanisms by Alzheimer's Disease-Linked N141I Mutant Presenilin 2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 736-745.	2.5	35
31	A novel Akt/PKB-interacting protein promotes cell adhesion and inhibits familial amyotrophic lateral sclerosis-linked mutant SOD1-induced neuronal death via inhibition of PP2A-mediated dephosphorylation of Akt/PKB. <i>Cellular Signalling</i> , 2008, 20, 493-505.	3.6	32
32	Transforming growth factor $\beta$ 2 autocrinally mediates neuronal cell death induced by amyloid- $\beta$ . <i>Journal of Neuroscience Research</i> , 2006, 83, 1039-1047.	2.9	30
33	Amino- and carboxyl-terminal mutants of presenilin 1 cause neuronal cell death through distinct toxic mechanisms: Study of 27 different presenilin 1 mutants. <i>Journal of Neuroscience Research</i> , 2004, 75, 417-428.	2.9	25
34	Identification of soluble WSX-1 not as a dominant-negative but as an alternative functional subunit of a receptor for an anti-Alzheimer's disease rescue factor Humanin. <i>Biochemical and Biophysical Research Communications</i> , 2009, 389, 95-99.	2.1	25
35	VSTM2L is a novel secreted antagonist of the neuroprotective peptide Humanin. <i>FASEB Journal</i> , 2011, 25, 1983-2000.	0.5	22
36	Humanin antagonists: mutants that interfere with dimerization inhibit neuroprotection by Humanin. <i>European Journal of Neuroscience</i> , 2004, 19, 2356-2364.	2.6	21

#	ARTICLE	IF	CITATIONS
37	MOCA is an integrator of the neuronal death signals that are activated by familial Alzheimer's disease-related mutants of amyloid $\beta$ precursor protein and presenilins. <i>Biochemical Journal</i> , 2012, 442, 413-422.	3.7	20
38	SH3-binding Protein 5 Mediates the Neuroprotective Effect of the Secreted Bioactive Peptide Humanin by Inhibiting c-Jun NH2-terminal Kinase. <i>Journal of Biological Chemistry</i> , 2013, 288, 24691-24704.	3.4	20
39	A mutation protective against Alzheimer's disease renders amyloid $\beta$ precursor protein incapable of mediating neurotoxicity. <i>Journal of Neurochemistry</i> , 2014, 130, 291-300.	3.9	17
40	An Alzheimer Disease-linked Rare Mutation Potentiates Netrin Receptor Uncoordinated-5C-induced Signaling That Merges with Amyloid $\beta$ Precursor Protein Signaling. <i>Journal of Biological Chemistry</i> , 2016, 291, 12282-12293.	3.4	17
41	Cytotoxic mechanisms by M239V presenilin 2, a little-analyzed Alzheimer's disease-causative mutant. <i>Journal of Neuroscience Research</i> , 2004, 77, 583-595.	2.9	16
42	TAG-1 is an inhibitor of TGF $\beta$ 2-induced neuronal death via amyloid $\beta$ precursor protein. <i>Biochemical and Biophysical Research Communications</i> , 2010, 394, 119-125.	2.1	13
43	Calmodulin-like skin protein is downregulated in human cerebrospinal fluids of Alzheimer's disease patients with apolipoprotein E4; a pilot study using postmortem samples. <i>Neurological Research</i> , 2017, 39, 767-772.	1.3	13
44	Neuronal Cell Apoptosis by a Receptor-Binding Domain Peptide of ApoE4, Not through Low-Density Lipoprotein Receptor-Related Protein. <i>Biochemical and Biophysical Research Communications</i> , 2000, 278, 633-639.	2.1	12
45	Expression of N19S-SOD1, an SOD1 mutant found in sporadic amyotrophic lateral sclerosis patients, induces low-grade motoneuronal toxicity. <i>Journal of Neuroscience Research</i> , 2005, 81, 720-729.	2.9	12
46	Purification of the antibacterial fragments of guinea-pig major basic protein. <i>BBA - Proteins and Proteomics</i> , 1993, 1203, 236-242.	2.1	8
47	Secreted calmodulin-like skin protein ameliorates scopolamine-induced memory impairment. <i>NeuroReport</i> , 2014, 25, 725-729.	1.2	8
48	The Gtx Homeodomain Transcription Factor Exerts Neuroprotection Using Its Homeodomain. <i>Journal of Biological Chemistry</i> , 2004, 279, 16767-16777.	3.4	5
49	Apollon/Bruce is upregulated by Humanin. <i>Molecular and Cellular Biochemistry</i> , 2014, 397, 147-155.	3.1	2
50	Restoration of the reduced CLSP activity alleviates memory impairment in Alzheimer disease. <i>Translational Psychiatry</i> , 2021, 11, 44.	4.8	2
51	Calmodulin-like skin protein is downregulated in human cerebrospinal fluids of Alzheimer's disease patients with apolipoprotein E4; a pilot study using postmortem samples. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-1-39.	0.0	0
52	CLSPCOL rescues Alzheimer's disease mouse models. <i>Translational Neuroscience</i> , 2022, 13, 11-19.	1.4	0