

# Takeshi Kawauchi

## List of Publications by Year in descending order

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38  
papers

3,084  
citations

201385

27  
h-index

395343

33  
g-index

41  
all docs

41  
docs citations

41  
times ranked

4278  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative Functions of Cell Cycle-Related and DNA Repair Proteins in Post-mitotic Neurons. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 753175.	1.8	8
2	Growth Arrest Triggers Extra-Cell Cycle Regulatory Function in Neurons: Possible Involvement of p27kip1 in Membrane Trafficking as Well as Cytoskeletal Regulation. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 64.	1.8	5
3	Caveolin-1 Promotes Early Neuronal Maturation via Caveolae-Independent Trafficking of N-Cadherin and L1. <i>IScience</i> , 2018, 7, 53-67.	1.9	31
4	Tubulin isotype specificity in neuronal migration: Tuba8 canâ€™t fill in for Tuba1a. <i>Journal of Cell Biology</i> , 2017, 216, 2247-2249.	2.3	5
5	Morphological and Molecular Basis of Cytoplasmic Dilatation and Swelling in Cortical Migrating Neurons. <i>Brain Sciences</i> , 2017, 7, 87.	1.1	10
6	Editorial: In vivo Cell Biology of Cerebral Cortical Development and Its Related Neurological Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 162.	1.8	0
7	ADP Ribosylation Factor 6 Regulates Neuronal Migration in the Developing Cerebral Cortex through FIP3/Arfophilin-1-dependent Endosomal Trafficking of N-cadherin. <i>ENeuro</i> , 2016, 3, ENEURO.0148-16.2016.	0.9	41
8	The COUP-TFII/Neuropilin-2 is a molecular switch steering diencephalon-derived GABAergic neurons in the developing mouse brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4985-94.	3.3	37
9	Cellular insights into cerebral cortical development: focusing on the locomotion mode of neuronal migration. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 394.	1.8	82
10	In utero gene therapy rescues microcephaly caused by Pqbp1-hypofunction in neural stem progenitor cells. <i>Molecular Psychiatry</i> , 2015, 20, 459-471.	4.1	31
11	<scp>C</scp>dk5 regulates multiple cellular events in neural development, function and disease. <i>Development Growth and Differentiation</i> , 2014, 56, 335-348.	0.6	100
12	Drosophila Strip serves as a platform for early endosome organization during axon elongation. <i>Nature Communications</i> , 2014, 5, 5180.	5.8	40
13	Cdk5 and its substrates, Dcx and p27kip1, regulate cytoplasmic dilatation formation and nuclear elongation in migrating neurons. <i>Development (Cambridge)</i> , 2014, 141, 3540-3550.	1.2	43
14	Cdk5 and its substrates, Dcx and p27kip1, regulate the formation of cytoplasmic dilatation and nuclear elongation in migrating neurons. <i>Journal of Cell Science</i> , 2014, 127, e1-e1.	1.2	0
15	Extra-cell cycle regulatory functions of cyclin-dependent kinases ( CDK ) and CDK inhibitor proteins contribute to brain development and neurological disorders. <i>Genes To Cells</i> , 2013, 18, 176-194.	0.5	50
16	The diabetes-susceptible gene SLC30A8/ZnT8 regulates hepatic insulin clearance. <i>Journal of Clinical Investigation</i> , 2013, 123, 4513-4524.	3.9	200
17	Cell Adhesion and Its Endocytic Regulation in Cell Migration during Neural Development and Cancer Metastasis. <i>International Journal of Molecular Sciences</i> , 2012, 13, 4564-4590.	1.8	121
18	Reelin Controls Neuronal Positioning by Promoting Cell-Matrix Adhesion via Inside-Out Activation of Integrin $\alpha 5 \beta 1$ . <i>Neuron</i> , 2012, 76, 353-369.	3.8	156

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19	Cellular insights into the locomotion mode of cortical neuronal migration. <i>Neuroscience Research</i> , 2011, 71, e28.	1.0	0
20	N-Cadherin regulates radial glial fiber-dependent migration of cortical locomoting neurons. <i>Communicative and Integrative Biology</i> , 2011, 4, 326-330.	0.6	78
21	Regulation of cell adhesion and migration in cortical neurons. <i>Small GTPases</i> , 2011, 2, 36-40.	0.7	31
22	The Outermost Region of the Developing Cortical Plate Is Crucial for Both the Switch of the Radial Migration Mode and the Dab1-Dependent "Inside-Out" Lamination in the Neocortex. <i>Journal of Neuroscience</i> , 2011, 31, 9426-9439.	1.7	104
23	Dissecting the Factors Involved in the Locomotion Mode of Neuronal Migration in the Developing Cerebral Cortex. <i>Journal of Biological Chemistry</i> , 2010, 285, 5878-5887.	1.6	48
24	Role of dual leucine zipper-bearing kinase (DLK/MUK/ZPK) in axonal growth. <i>Neuroscience Research</i> , 2010, 66, 37-45.	1.0	30
25	Phases of neuronal migration regulated by Rap1 in the developing cerebral cortex. <i>Neuroscience Research</i> , 2010, 68, e81.	1.0	0
26	Dissecting the factors involved in the morphological changes of locomoting neurons in the developing cerebral cortex. <i>Neuroscience Research</i> , 2010, 68, e138.	1.0	0
27	Rab GTPases-Dependent Endocytic Pathways Regulate Neuronal Migration and Maturation through N-Cadherin Trafficking. <i>Neuron</i> , 2010, 67, 588-602.	3.8	291
28	Silencing p27 reverses post-mitotic state of supporting cells in neonatal mouse cochleae. <i>Molecular and Cellular Neurosciences</i> , 2009, 42, 391-398.	1.0	38
29	Rac is involved in the interkinetic nuclear migration of cortical progenitor cells. <i>Neuroscience Research</i> , 2009, 63, 294-301.	1.0	31
30	Cdk5 and p27kip1 regulate the migration and morphological changes of G0-arrested neurons. <i>Neuroscience Research</i> , 2009, 65, S23.	1.0	0
31	Molecular Pathways Regulating Cytoskeletal Organization and Morphological Changes in Migrating Neurons. <i>Developmental Neuroscience</i> , 2008, 30, 36-46.	1.0	92
32	Cdk5 phosphorylates and stabilizes p27kip1 contributing to actin organization and cortical neuronal migration. <i>Nature Cell Biology</i> , 2006, 8, 17-26.	4.6	251
33	Involvement of a Rac Activator, P-Rex1, in Neurotrophin-Derived Signaling and Neuronal Migration. <i>Journal of Neuroscience</i> , 2005, 25, 4406-4419.	1.7	98
34	MAP1B phosphorylation is differentially regulated by Cdk5/p35, Cdk5/p25, and JNK. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 50-55.	1.0	93
35	Ptf1a, a bHLH Transcriptional Gene, Defines GABAergic Neuronal Fates in Cerebellum. <i>Neuron</i> , 2005, 47, 201-213.	3.8	489
36	The in vivo roles of STEF/Tiam1, Rac1 and JNK in cortical neuronal migration. <i>EMBO Journal</i> , 2003, 22, 4190-4201.	3.5	259

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37	Expression of vinexin $\hat{\pm}$ in the dorsal half of the eye and in the cardiac outflow tract and atrioventricular canal. <i>Mechanisms of Development</i> , 2001, 106, 147-150.	1.7	19
38	Vinexin: A Novel Vinculin-binding Protein with Multiple SH3 Domains Enhances Actin Cytoskeletal Organization. <i>Journal of Cell Biology</i> , 1999, 144, 59-69.	2.3	171