

# Kazuhito Toyo-oka

## List of Publications by Year in descending order

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44  
papers

4,163  
citations

236925

25  
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233421

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52  
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52  
docs citations

52  
times ranked

5502  
citing authors

#	ARTICLE	IF	CITATIONS
1	TBX1 Is Responsible for Cardiovascular Defects in Velo-Cardio-Facial/DiGeorge Syndrome. <i>Cell</i> , 2001, 104, 619-629.	28.9	884
2	Functional annotation of a full-length mouse cDNA collection. <i>Nature</i> , 2001, 409, 685-690.	27.8	653
3	14-3-3 $\mu$ is important for neuronal migration by binding to NUDEL: a molecular explanation for Miller-Dieker syndrome. <i>Nature Genetics</i> , 2003, 34, 274-285.	21.4	374
4	Neuroepithelial Stem Cell Proliferation Requires LIS1 for Precise Spindle Orientation and Symmetric Division. <i>Cell</i> , 2008, 132, 474-486.	28.9	254
5	Refinement of a 400-kb Critical Region Allows Genotypic Differentiation between Isolated Lissencephaly, Miller-Dieker Syndrome, and Other Phenotypes Secondary to Deletions of 17p13.3. <i>American Journal of Human Genetics</i> , 2003, 72, 918-930.	6.2	215
6	Complete Loss of <i>Ndel1</i> Results in Neuronal Migration Defects and Early Embryonic Lethality. <i>Molecular and Cellular Biology</i> , 2005, 25, 7812-7827.	2.3	149
7	Non-CD28 Costimulatory Molecules Present in T Cell Rafts Induce T Cell Costimulation by Enhancing the Association of TCR with Rafts. <i>Journal of Immunology</i> , 2000, 164, 1251-1259.	0.8	141
8	NDEL1 Phosphorylation by Aurora-A Kinase Is Essential for Centrosomal Maturation, Separation, and TACC3 Recruitment. <i>Molecular and Cellular Biology</i> , 2007, 27, 352-367.	2.3	128
9	14-3-3 Proteins in Brain Development: Neurogenesis, Neuronal Migration and Neuromorphogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 318.	2.9	104
10	14-3-3 $\mu$ and $\eta$ Regulate Neurogenesis and Differentiation of Neuronal Progenitor Cells in the Developing Brain. <i>Journal of Neuroscience</i> , 2014, 34, 12168-12181.	3.6	102
11	Identification of YWHAE, a gene encoding 14-3-3epsilon, as a possible susceptibility gene for schizophrenia. <i>Human Molecular Genetics</i> , 2008, 17, 3212-3222.	2.9	97
12	Neurodevelopmental and neuropsychiatric behaviour defects arise from 14-3-3 $\eta$ deficiency. <i>Molecular Psychiatry</i> , 2012, 17, 451-466.	7.9	95
13	A role for CD9 molecules in T cell activation.. <i>Journal of Experimental Medicine</i> , 1996, 184, 753-758.	8.5	93
14	Recruitment of katanin p60 by phosphorylated NDEL1, an LIS1 interacting protein, is essential for mitotic cell division and neuronal migration. <i>Human Molecular Genetics</i> , 2005, 14, 3113-3128.	2.9	91
15	Deletion of Mnt leads to disrupted cell cycle control and tumorigenesis. <i>EMBO Journal</i> , 2003, 22, 4584-4596.	7.8	78
16	Protein phosphatase 4 catalytic subunit regulates Cdk1 activity and microtubule organization via NDEL1 dephosphorylation. <i>Journal of Cell Biology</i> , 2008, 180, 1133-1147.	5.2	69
17	A fundamental difference in the capacity to induce proliferation of naive T cells between CD28 and other co-stimulatory molecules. <i>European Journal of Immunology</i> , 1998, 28, 926-935.	2.9	53
18	Loss of the Max-interacting protein Mnt in mice results in decreased viability, defective embryonic growth and craniofacial defects: relevance to Miller-Dieker syndrome. <i>Human Molecular Genetics</i> , 2004, 13, 1057-1067.	2.9	51

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19	Neurodevelopmental Genetic Diseases Associated With Microdeletions and Microduplications of Chromosome 17p13.3. <i>Frontiers in Genetics</i> , 2018, 9, 80.	2.3	51
20	Regulation of neuronal morphogenesis by 14-3-3epsilon ( <i>Ywhae</i> ) via the microtubule binding protein, doublecortin. <i>Human Molecular Genetics</i> , 2016, 25, 4405-4418.	2.9	45
21	14-3-3 $\mu$ Plays a Role in Cardiac Ventricular Compaction by Regulating the Cardiomyocyte Cell Cycle. <i>Molecular and Cellular Biology</i> , 2012, 32, 5089-5102.	2.3	44
22	Association of a tetraspanin CD9 with CD5 on the T cell surface: role of particular transmembrane domains in the association. <i>International Immunology</i> , 1999, 11, 2043-2052.	4.0	42
23	TNFR2/14-3-3 $\mu$ signaling complex instructs macrophage plasticity in inflammation and autoimmunity. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	42
24	Mnt-Deficient Mammary Glands Exhibit Impaired Involution and Tumors with Characteristics of Myc Overexpression. <i>Cancer Research</i> , 2006, 66, 5565-5573.	0.9	37
25	Miller-Dieker Syndrome: Analysis of a Human Contiguous Gene Syndrome in the Mouse. <i>American Journal of Human Genetics</i> , 2003, 73, 475-488.	6.2	36
26	Ablation of the 14-3-3 $\gamma$ Protein Results in Neuronal Migration Delay and Morphological Defects in the Developing Cerebral Cortex. <i>Developmental Neurobiology</i> , 2016, 76, 600-614.	3.0	27
27	CD5 Costimulation Up-Regulates the Signaling to Extracellular Signal-Regulated Kinase Activation in CD4+CD8+ Thymocytes and Supports Their Differentiation to the CD4 Lineage. <i>Journal of Immunology</i> , 2000, 164, 1260-1268.	0.8	19
28	Protein kinases: master regulators of neuritogenesis and therapeutic targets for axon regeneration. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1511-1530.	5.4	19
29	Complete ablation of the 14-3-3epsilon protein results in multiple defects in neuropsychiatric behaviors. <i>Behavioural Brain Research</i> , 2017, 319, 31-36.	2.2	18
30	CD28 co-stimulatory signals induce IL-2 receptor expression on antigen-stimulated virgin T cells by an IL-2-independent mechanism. <i>International Immunology</i> , 1996, 8, 159-169.	4.0	17
31	Synergy between CD28 and CD9 costimulation for naive T-cell activation. <i>Immunology Letters</i> , 1997, 58, 19-23.	2.5	16
32	Overexpression of the 14-3-3gamma protein in embryonic mice results in neuronal migration delay in the developing cerebral cortex. <i>Neuroscience Letters</i> , 2016, 628, 40-46.	2.1	15
33	Evidence of Mnt-Myc Antagonism Revealed by Mnt Gene Deletion. <i>Cell Cycle</i> , 2004, 3, 95-97.	2.6	13
34	High-throughput kinase inhibitor screening reveals roles for Aurora and Nuak kinases in neurite initiation and dendritic branching. <i>Scientific Reports</i> , 2021, 11, 8156.	3.3	12
35	Methionine sulfoxide reductase A (MsrA) mediates the ubiquitination of 14-3-3 protein isoforms in brain. <i>Free Radical Biology and Medicine</i> , 2018, 129, 600-607.	2.9	10
36	SUPPRESSION OF ALLOGRAFT RESPONSES INDUCED BY INTERLEUKIN-6, WHICH SELECTIVELY MODULATES INTERFERON- $\gamma$ BUT NOT INTERLEUKIN-2 PRODUCTION. <i>Transplantation</i> , 1997, 64, 757-763.	1.0	10

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37	Suppression of allograft responses by combining alloantigen-specific i.v. pre-sensitization with suboptimal doses of rapamycin. <i>International Immunology</i> , 1994, 6, 93-99.	4.0	8
38	KIFC1 Regulates the Trajectory of Neuronal Migration. <i>Journal of Neuroscience</i> , 2022, 42, 2149-2165.	3.6	8
39	A caspase inhibitor protects thymocytes from diverse signal-mediated apoptosis but not from clonal deletion in fetal thymus organ culture <sup>1</sup> This work was supported by Grants-in-Aid for Scientific Research from the Ministry of Education, Science and Culture, Japan. <sup>1</sup> <i>Immunology Letters</i> , 1998, 63, 83-89.	2.5	7
40	Deficiency of 14-3-3 $\mu$ and 14-3-3 $\eta$ by the Wnt1 promoter-driven Cre recombinase results in pigmentation defects. <i>BMC Research Notes</i> , 2016, 9, 180.	1.4	7
41	Glutathione S-transferase Pi (Gstp) proteins regulate neuritogenesis in the developing cerebral cortex. <i>Human Molecular Genetics</i> , 2021, 30, 30-45.	2.9	7
42	Rpsa Signaling Regulates Cortical Neuronal Morphogenesis via Its Ligand, PEDF, and Plasma Membrane Interaction Partner, Itga6. <i>Cerebral Cortex</i> , 2021, , .	2.9	6
43	Responsible Genes for Neuronal Migration in the Chromosome 17p13.3: Beyond Pafah1b1(Lis1), Crk and Ywhae(14-3-3 $\mu$ ). <i>Brain Sciences</i> , 2022, 12, 56.	2.3	6
44	Reversible CD8 expression induced by common cytokine receptor $\beta$ 3 chain-dependent cytokines in a cloned CD4+ Th1 cell line. <i>International Immunology</i> , 2002, 14, 259-266.	4.0	0