Ken-ichiro Kubo

List of Publications by Year
in descending order

45 papers	3,278 citations	201385 27 h-index	253896 43 g-index
46 all docs	46 docs citations	46 times ranked	4057 citing authors

#	Article	IF	Citations
1	A schizophrenia-associated mutation of DISC1 perturbs cerebral cortex development. Nature Cell Biology, 2005, 7, 1167-1178.	4.6	532
2	Rab GTPases-Dependent Endocytic Pathways Regulate Neuronal Migration and Maturation through N-Cadherin Trafficking. Neuron, 2010, 67, 588-602.	3.8	291
3	Knockdown of DISC1 by In Utero Gene Transfer Disturbs Postnatal Dopaminergic Maturation in the Frontal Cortex and Leads to Adult Behavioral Deficits. Neuron, 2010, 65, 480-489.	3.8	275
4	DISC1-dependent switch from progenitor proliferation to migration in the developing cortex. Nature, 2011, 473, 92-96.	13.7	181
5	Reelin Controls Neuronal Positioning by Promoting Cell-Matrix Adhesion via Inside-Out Activation of Integrin Î±5Î²1. Neuron, 2012, 76, 353-369.	3.8	156
6	Reelin and Neuropsychiatric Disorders. Frontiers in Cellular Neuroscience, 2016, 10, 229.	1.8	143
7	Characterization of the dipeptide repeat protein in the molecular pathogenesis of c9FTD/ALS. Human Molecular Genetics, 2015, 24, 1630-1645.	1.4	136
8	Reelin molecules assemble together to form a large protein complex, which is inhibited by the function-blocking CR-50 antibody. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 9729-9734.	3.3	126
9	Recruitment of PCM1 to the Centrosome by the Cooperative Action of DISC1 and BBS4. Archives of General Psychiatry, 2008, 65, 996.	13.8	124
10	How does Reelin control neuronal migration and layer formation in the developing mammalian neocortex?. Neuroscience Research, 2014, 86, 50-58.	1.0	111
11	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. Journal of Neuroscience, 2011, 31, 9426-9439.	1.7	104
12	Secreted Reelin molecules form homodimers. Neuroscience Research, 2002, 43, 381-388.	1.0	98
13	Pax-6 is required for thalamocortical pathway formation in fetal rats. , 1999, 408, 147-160.		97
14	Ectopic Reelin Induces Neuronal Aggregation with a Normal Birthdate-Dependent â€œInside-Outâ€• Alignment in the Developing Neocortex. Journal of Neuroscience, 2010, 30, 10953-10966.	1.7	68
15	Importance of Reelin C-Terminal Region in the Development and Maintenance of the Postnatal Cerebral Cortex and Its Regulation by Specific Proteolysis. Journal of Neuroscience, 2015, 35, 4776-4787.	1.7	64
16	Hippocampal Pyramidal Neurons Switch from a Multipolar Migration Mode to a Novel â€œClimbingâ€• Migration Mode during Development. Journal of Neuroscience, 2014, 34, 1115-1126.	1.7	61
17	DISC1 a key molecular lead in psychiatry and neurodevelopment: No-More Disrupted-in-Schizophrenia 1. Molecular Psychiatry, 2016, 21, 1488-1489.	4.1	61
18	Disrupted-in-Schizophrenia-1 (Disc1) is necessary for migration of the pyramidal neurons during mouse hippocampal development. Human Molecular Genetics, 2011, 20, 2834-2845.	1.4	55

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19	Reelin receptors ApoER2 and VLDLR are expressed in distinct spatiotemporal patterns in developing mouse cerebral cortex. Journal of Comparative Neurology, 2015, 523, 463-478.	0.9	53
20	Cellular dynamics of neuronal migration in the hippocampus. Frontiers in Neuroscience, 2015, 9, 135.	1.4	51
21	GABAergic Precursor Transplantation into the Prefrontal Cortex Prevents Phencyclidine-Induced Cognitive Deficits. Journal of Neuroscience, 2011, 31, 14116-14125.	1.7	49
22	Reelin transiently promotes N-cadherinâ€“dependent neuronal adhesion during mouse cortical development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2048-2053.	3.3	46
23	Migration defects by DISC1 knockdown in C57BL/6, 129X1/SvJ, and ICR strains via in utero gene transfer and virus-mediated RNAi. Biochemical and Biophysical Research Communications, 2010, 400, 631-637.	1.0	38
24	The COUP-TFII/Neuropilin-2 is a molecular switch steering diencephalon-derived GABAergic neurons in the developing mouse brain. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4985-94.	3.3	37
25	Neuronal Heterotopias Affect the Activities of Distant Brain Areas and Lead to Behavioral Deficits. Journal of Neuroscience, 2015, 35, 12432-12445.	1.7	36
26	Developmental origin of abnormal dendritic growth in the mouse brain induced by in utero disruption of aryl hydrocarbon receptor signaling. Neurotoxicology and Teratology, 2015, 52, 42-50.	1.2	35
27	ApoER2 Controls Not Only Neuronal Migration in the Intermediate Zone But Also Termination of Migration in the Developing Cerebral Cortex. Cerebral Cortex, 2018, 28, 223-235.	1.6	34
28	Reelin has a preventive effect on phencyclidine-induced cognitive and sensory-motor gating deficits. Neuroscience Research, 2015, 96, 30-36.	1.0	30
29	Cell and molecular mechanisms that control cortical layer formation in the brain. Keio Journal of Medicine, 2003, 52, 8-20.	0.5	22
30	Drebrin-like (Dbnl) Controls Neuronal Migration via Regulating N-Cadherin Expression in the Developing Cerebral Cortex. Journal of Neuroscience, 2019, 39, 678-691.	1.7	22
31	Association of impaired neuronal migration with cognitive deficits in extremely preterm infants. JCI Insight, 2017, 2, .	2.3	21
32	Excessive activation of AhR signaling disrupts neuronal migration in the hippocampal CA1 region in the developing mouse. Journal of Toxicological Sciences, 2017, 42, 25-30.	0.7	20
33	Regulation of the interaction of Disabledâ€1 with CIN85 by phosphorylation with Cyclinâ€dependent kinase 5. Genes To Cells, 2007, 12, 1315-1327.	0.5	17
34	Comprehensive characterization of migration profiles of murine cerebral cortical neurons during development using FlashTag labeling. IScience, 2021, 24, 102277.	1.9	15
35	Both excitatory and inhibitory neurons transiently form clusters at the outermost region of the developing mammalian cerebral neocortex. Journal of Comparative Neurology, 2019, 527, 1577-1597.	0.9	11
36	Impaired dendritic growth and positioning of cortical pyramidal neurons by activation of aryl hydrocarbon receptor signaling in the developing mouse. PLoS ONE, 2017, 12, e0183497.	1.1	11

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37	Dab1â€mediated colocalization of multiâ€adaptor protein <scp><scp>CIN85</scp></scp> with Reelin receptors, <scp>A</scp>po<scp>ER</scp>2 and <scp>VLDLR</scp>, in neurons. Genes To Cells, 2013, 18, 410-424.	0.5	10
38	Resilience in schizophrenia: A comparative study between a remote island and an urban area in Japan. Schizophrenia Research, 2016, 171, 92-96.	1.1	9
39	In Utero Bisphenol A Exposure Induces Abnormal Neuronal Migration in the Cerebral Cortex of Mice. Frontiers in Endocrinology, 2016, 7, 7.	1.5	8
40	Increased densities of white matter neurons as a crossâ€disease feature of neuropsychiatric disorders. Psychiatry and Clinical Neurosciences, 2020, 74, 166-175.	1.0	8
41	Reelin inhibits migration of sympathetic preganglionic neurons in the spinal cord of the chick. Journal of Comparative Neurology, 2011, 519, 1970-1978.	0.9	4
42	SUMOylation of DISC1: A Potential Role in Neural Progenitor Proliferation in the Developing Cortex. Molecular Neuropsychiatry, 2016, 2, 20-27.	3.0	4
43	Dab1-deficient deep layer neurons prevent Dab1-deficient superficial layer neurons from entering the cortical plate. Neuroscience Research, 2022, 180, 23-35.	1.0	2
44	Human neocortical development as a basis to understand mechanisms underlying neurodevelopmental disabilities in extremely preterm infants. Journal of Obstetrics and Gynaecology Research, 2020, 46, 2242-2250.	0.6	1
45	Rhythmic activation of excitatory neurons in the mouse frontal cortex improves the prefrontal cortexâ€“mediated cognitive function. Cerebral Cortex, 2022, 32, 5243-5258.	1.6	1