Shigeaki Kanatani

List of Publications by Year
in descending order

20	810	759190	839512
papers	citations	12 h-index	18 g-index

22	22	22	1499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	COUP-TFII Is Preferentially Expressed in the Caudal Ganglionic Eminence and Is Involved in the Caudal Migratory Stream. Journal of Neuroscience, 2008, 28, 13582-13591.	3.6	148
2	Whole-tissue biopsy phenotyping of three-dimensional tumours reveals patterns of cancer heterogeneity. Nature Biomedical Engineering, 2017, 1, 796-806.	22.5	131
3	Cell-Autonomous Roles of ARX in Cell Proliferation and Neuronal Migration during Corticogenesis. Journal of Neuroscience, 2008, 28, 5794-5805.	3.6	118
4	Targeting a scavenger receptor on tumor-associated macrophages activates tumor cell killing by natural killer cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32005-32016.	7.1	89
5	Neural progenitors organize in small-world networks to promote cell proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1524-32.	7.1	85
6	Calcium signaling in neocortical development. Developmental Neurobiology, 2015, 75, 360-368.	3.0	51
7	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.	7.1	37
8	Cdk5 Phosphorylation of ErbB4 is Required for Tangential Migration of Cortical Interneurons. Cerebral Cortex, 2015, 25, 991-1003.	2.9	30
9	Involvement of metabotropic glutamate receptor 5 signaling in activityâ€related proliferation of adult hippocampal neural stem cells. European Journal of Neuroscience, 2012, 36, 2273-2283.	2.6	24
10	Mapping of the three-dimensional lymphatic microvasculature in bladder tumours using light-sheet microscopy. British Journal of Cancer, 2018, 118, 995-999.	6.4	24
11	Three-dimensional single-cell imaging for the analysis of RNA and protein expression in intact tumour biopsies. Nature Biomedical Engineering, 2020, 4, 875-888.	22.5	21
12	Disrupted Cacna1c gene expression perturbs spontaneous Ca ²⁺ activity causing abnormal brain development and increased anxiety. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	15
13	Leucineâ€rich glioma inactivated 1 (Lgi1), an epilepsyâ€related secreted protein, has a nuclear localization signal and localizes to both the cytoplasm and the nucleus of the caudal ganglionic eminence neurons. European Journal of Neuroscience, 2012, 36, 2284-2292.	2.6	12
14	The T-type Ca2+ Channel Cav3.2 Regulates Differentiation of Neural Progenitor Cells during Cortical Development via Caspase-3. Neuroscience, 2019, 402, 78-89.	2.3	9
15	Notch activation in the mouse mammary luminal lineage leads to ductal hyperplasia and altered partitioning of luminal cell subtypes. Experimental Cell Research, 2020, 395, 112156.	2.6	7
16	GIT1 protects against breast cancer growth through negative regulation of Notch. Nature Communications, 2022, 13, 1537.	12.8	5
17	Predicting a tumourâ€™s drug uptake. Nature Biomedical Engineering, 2018, 2, 717-718.	22.5	1
18	Topical Review: Neuronal Migration in Cortical Development. Journal of Child Neurology, 2004, 19, 274-279.	1.4	0

#	Article	IF	Citations
19	Molecular mechanisms involved in the caudal migratory stream of cortical interneurons. Neuroscience Research, 2011, 71, e128.	1.9	0
20	Imaging cleared tissues made easy. Nature Methods, 2022, 19, 527-529.	19.0	0