

Shigeaki Kanatani

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

568
citations

11
h-index

22
g-index

22
ext. papers

709
ext. citations

9.3
avg, IF

3.02
L-index

#	Paper	IF	Citations
18	COUP-TFII is preferentially expressed in the caudal ganglionic eminence and is involved in the caudal migratory stream. <i>Journal of Neuroscience</i> , 2008 , 28, 13582-91	6.6	126
17	Cell-autonomous roles of ARX in cell proliferation and neuronal migration during corticogenesis. <i>Journal of Neuroscience</i> , 2008 , 28, 5794-805	6.6	105
16	Whole-tissue biopsy phenotyping of three-dimensional tumours reveals patterns of cancer heterogeneity. <i>Nature Biomedical Engineering</i> , 2017 , 1, 796-806	19	96
15	Neural progenitors organize in small-world networks to promote cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E1524-32	11.5	63
14	Calcium signaling in neocortical development. <i>Developmental Neurobiology</i> , 2015 , 75, 360-8	3.2	40
13	Targeting a scavenger receptor on tumor-associated macrophages activates tumor cell killing by natural killer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 32005-32016	11.5	28
12	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	11.5	24
11	Cdk5 phosphorylation of ErbB4 is required for tangential migration of cortical interneurons. <i>Cerebral Cortex</i> , 2015 , 25, 991-1003	5.1	22
10	Involvement of metabotropic glutamate receptor 5 signaling in activity-related proliferation of adult hippocampal neural stem cells. <i>European Journal of Neuroscience</i> , 2012 , 36, 2273-83	3.5	20
9	Mapping of the three-dimensional lymphatic microvasculature in bladder tumours using light-sheet microscopy. <i>British Journal of Cancer</i> , 2018 , 118, 995-999	8.7	15
8	Leucine-rich glioma inactivated 1 (Lgi1), an epilepsy-related secreted protein, has a nuclear localization signal and localizes to both the cytoplasm and the nucleus of the caudal ganglionic eminence neurons. <i>European Journal of Neuroscience</i> , 2012 , 36, 2284-92	3.5	11
7	Three-dimensional single-cell imaging for the analysis of RNA and protein expression in intact tumour biopsies. <i>Nature Biomedical Engineering</i> , 2020 , 4, 875-888	19	9
6	The T-type Ca Channel Ca _v 3.2 Regulates Differentiation of Neural Progenitor Cells during Cortical Development via Caspase-3. <i>Neuroscience</i> , 2019 , 402, 78-89	3.9	5
5	Predicting a tumour's drug uptake. <i>Nature Biomedical Engineering</i> , 2018 , 2, 717-718	19	1
4	Notch activation in the mouse mammary luminal lineage leads to ductal hyperplasia and altered partitioning of luminal cell subtypes. <i>Experimental Cell Research</i> , 2020 , 395, 112156	4.2	0
3	GIT1 protects against breast cancer growth through negative regulation of Notch. <i>Nature Communications</i> , 2022 , 13, 1537	17.4	0
2	Topical Review: Neuronal Migration in Cortical Development. <i>Journal of Child Neurology</i> , 2004 , 19, 274-279		

- 1 Imaging cleared tissues made easy.. *Nature Methods*, **2022**, 19, 527-529 21.6