

Toshimitsu Kawate

List of Publications by Year in Descending Order

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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.

16
papers

1,655
citations

11
h-index

21
g-index

21
ext. papers

1,960
ext. citations

8.6
avg, IF

5.08
L-index

#	Paper	IF	Citations
16	Methods for Studying Cholesterol-Dependent Regulation of P2X7 Receptors. <i>Methods in Molecular Biology</i> , 2022 , 253-264	1.4	
15	On the molecular nature of large-pore channels. <i>Journal of Molecular Biology</i> , 2021 , 433, 166994	6.5	8
14	The Cryo-EM structure of pannexin 1 reveals unique motifs for ion selection and inhibition. <i>ELife</i> , 2020 , 9,	8.9	53
13	CAKUT and Autonomic Dysfunction Caused by Acetylcholine Receptor Mutations. <i>American Journal of Human Genetics</i> , 2019 , 105, 1286-1293	11	8
12	The weak voltage dependence of pannexin 1 channels can be tuned by N-terminal modifications. <i>Journal of General Physiology</i> , 2018 , 150, 1758-1768	3.4	10
11	P2X Receptor Activation. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1051, 55-69	3.6	16
10	The P2X7 receptor forms a dye-permeable pore independent of its intracellular domain but dependent on membrane lipid composition. <i>ELife</i> , 2017 , 6,	8.9	68
9	Expression and Purification of a Mammalian P2X7 Receptor from Sf9 Insect Cells. <i>Bio-protocol</i> , 2017 , 7,	0.9	4
8	Membrane Protein Mobility and Orientation Preserved in Supported Bilayers Created Directly from Cell Plasma Membrane Blebs. <i>Langmuir</i> , 2016 , 32, 2963-74	4	59
7	Carbenoxolone inhibits Pannexin1 channels through interactions in the first extracellular loop. <i>Journal of General Physiology</i> , 2016 , 147, 165-74	3.4	41
6	Structural basis for subtype-specific inhibition of the P2X7 receptor. <i>ELife</i> , 2016 , 5,	8.9	135
5	Ion access pathway to the transmembrane pore in P2X receptor channels. <i>Journal of General Physiology</i> , 2011 , 137, 579-90	3.4	55
4	Pore-opening mechanism in trimeric P2X receptor channels. <i>Nature Communications</i> , 2010 , 1, 44	17.4	74
3	Crystal structure of the ATP-gated P2X(4) ion channel in the closed state. <i>Nature</i> , 2009 , 460, 592-8	50.4	583
2	Fluorescence-detection size-exclusion chromatography for precrystallization screening of integral membrane proteins. <i>Structure</i> , 2006 , 14, 673-81	5.2	513
1	Arresting and releasing Staphylococcal alpha-hemolysin at intermediate stages of pore formation by engineered disulfide bonds. <i>Protein Science</i> , 2003 , 12, 997-1006	6.3	26