

Junji Morokuma

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,133
citations

623734

14
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the Phospholipase C Pathway and Calcium Mobilization in Oxytocin-Induced Contraction of Lacrimal Gland Myoepithelial Cells. , 2021, 62, 25.		7
2	Live imaging of intracellular pH in planarians using the ratiometric fluorescent dye SNARF-5F-AM. Biology Methods and Protocols, 2019, 4, bpz005.	2.2	1
3	Neural control of body-plan axis in regenerating planaria. PLoS Computational Biology, 2019, 15, e1006904.	3.2	36
4	The Role of Early Bioelectric Signals in the Regeneration of Planarian Anterior/Posterior Polarity. Biophysical Journal, 2019, 116, 948-961.	0.5	70
5	Regenerative Adaptation to Electrochemical Perturbation in Planaria: A Molecular Analysis of Physiological Plasticity. IScience, 2019, 22, 147-165.	4.1	19
6	Planarian regeneration in space: Persistent anatomical, behavioral, and bacteriological changes induced by space travel. Regeneration (Oxford, England), 2017, 4, 85-102.	6.3	23
7	Long-Term, Stochastic Editing of Regenerative Anatomy via Targeting Endogenous Bioelectric Gradients. Biophysical Journal, 2017, 112, 2231-2243.	0.5	101
8	Space travel has effects on planarian regeneration that cannot be explained by a null hypothesis. Regeneration (Oxford, England), 2017, 4, 156-158.	6.3	2
9	Computational discovery and <i>in vivo</i> validation of <i>hnf4</i> as a regulatory gene in planarian regeneration. Bioinformatics, 2016, 32, 2681-2685.	4.1	17
10	Gap Junctional Blockade Stochastically Induces Different Species-Specific Head Anatomies in Genetically Wild-Type <i>Girardia dorotocephala</i> Flatworms. International Journal of Molecular Sciences, 2015, 16, 27865-27896.	4.1	84
11	Bioelectric signaling regulates head and organ size during planarian regeneration. Development (Cambridge), 2013, 140, 313-322.	2.5	128
12	Inhibition of Planar Cell Polarity Extends Neural Growth During Regeneration, Homeostasis, and Development. Stem Cells and Development, 2012, 21, 2085-2094.	2.1	28
13	A Chemical Genetics Approach Reveals H,K-ATPase-Mediated Membrane Voltage Is Required for Planarian Head Regeneration. Chemistry and Biology, 2011, 18, 77-89.	6.0	165
14	Long-range neural and gap junction protein-mediated cues control polarity during planarian regeneration. Developmental Biology, 2010, 339, 188-199.	2.0	176
15	KCNQ1 and KCNE1 α and β Channel Components are Involved in Early Left-Right Patterning in <i>Xenopus laevis</i> Embryos. Cellular Physiology and Biochemistry, 2008, 21, 357-372.	1.6	52
16	Modulation of potassium channel function confers a hyperproliferative invasive phenotype on embryonic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16608-16613.	7.1	101
17	TGF- β signaling-mediated morphogenesis: modulation of cell adhesion via cadherin endocytosis. Genes and Development, 2007, 21, 1817-1831.	5.9	121