

Takahiro G Yamada

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3192562/publications.pdf>

Version: 2024-02-01

22
papers

365
citations

1307594

7
h-index

940533

16
g-index

31
all docs

31
docs citations

31
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>SBML</scp> Level 3: an extensible format for the exchange and reuse of biological models. <i>Molecular Systems Biology</i> , 2020, 16, e9110.	7.2	178
2	COVID19 Disease Map, a computational knowledge repository of virus–host interaction mechanisms. <i>Molecular Systems Biology</i> , 2021, 17, e10387.	7.2	53
3	3D convolutional neural networks-based segmentation to acquire quantitative criteria of the nucleus during mouse embryogenesis. <i>Npj Systems Biology and Applications</i> , 2020, 6, 32.	3.0	30
4	Transcriptome analysis of the anhydrobiotic cell line Pv11 infers the mechanism of desiccation tolerance and recovery. <i>Scientific Reports</i> , 2018, 8, 17941.	3.3	14
5	Predicting the future direction of cell movement with convolutional neural networks. <i>PLoS ONE</i> , 2019, 14, e0221245.	2.5	13
6	Identification of a master transcription factor and a regulatory mechanism for desiccation tolerance in the anhydrobiotic cell line Pv11. <i>PLoS ONE</i> , 2020, 15, e0230218.	2.5	11
7	Genome-Wide Role of HSF1 in Transcriptional Regulation of Desiccation Tolerance in the Anhydrobiotic Cell Line, Pv11. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5798.	4.1	6
8	High quality genome assembly of the anhydrobiotic midge provides insights on a single chromosome-based emergence of extreme desiccation tolerance. <i>NAR Genomics and Bioinformatics</i> , 2022, 4, lqac029.	3.2	6
9	Activation of cell migration via morphological changes in focal adhesions depends on shear stress in MYCN-amplified neuroblastoma cells. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20180934.	3.4	5
10	Direct Cell Counting Using Macro-Scale Smartphone Images of Cell Aggregates. <i>IEEE Access</i> , 2020, 8, 170033-170043.	4.2	5
11	Cas9-mediated genome editing reveals a significant contribution of calcium signaling pathways to anhydrobiosis in Pv11 cells. <i>Scientific Reports</i> , 2021, 11, 19698.	3.3	5
12	XitoSBML: A Modeling Tool for Creating Spatial Systems Biology Markup Language Models From Microscopic Images. <i>Frontiers in Genetics</i> , 2019, 10, 1027.	2.3	3
13	Neural Differentiation Dynamics Controlled by Multiple Feedback Loops in a Comprehensive Molecular Interaction Network. <i>Processes</i> , 2020, 8, 166.	2.8	3
14	Deep Learning for Non-Invasive Determination of the Differentiation Status of Human Neuronal Cells by Using Phase-Contrast Photomicrographs. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5503.	2.5	2
15	Temperature elevation detection in migrating cells. , 2022, 1, 1085.		2
16	Quantitative analysis of sensitivity to a Wnt3a gradient in determination of the pole–pole axis of mitotic cells by using a microfluidic device. <i>FEBS Open Bio</i> , 2018, 8, 1920-1935.	2.3	1
17	Symbolic Integration by Integrating Learning Models With Different Strengths and Weaknesses. <i>IEEE Access</i> , 2022, 10, 47000-47010.	4.2	1
18	SBMLWebApp: Web-Based Simulation, Steady-State Analysis, and Parameter Estimation of Systems Biology Models. <i>Processes</i> , 2021, 9, 1830.	2.8	0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0230218.		0
20	Title is missing!. , 2020, 15, e0230218.		0
21	Title is missing!. , 2020, 15, e0230218.		0
22	Title is missing!. , 2020, 15, e0230218.		0