

Yohei Kondo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3736882/publications.pdf>

Version: 2024-02-01

20
papers

527
citations

1039406

9
h-index

794141

19
g-index

26
all docs

26
docs citations

26
times ranked

693
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagating Wave of ERK Activation Orients Collective Cell Migration. <i>Developmental Cell</i> , 2017, 43, 305-317.e5.	3.1	209
2	Cell-to-Cell Heterogeneity in p38-Mediated Cross-Inhibition of JNK Causes Stochastic Cell Death. <i>Cell Reports</i> , 2018, 24, 2658-2668.	2.9	74
3	Fold-change detection and scale invariance of cell signaling in social amoeba. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4149-E4157.	3.3	36
4	Optogenetic relaxation of actomyosin contractility uncovers mechanistic roles of cortical tension during cytokinesis. <i>Nature Communications</i> , 2021, 12, 7145.	5.8	30
5	Improvement of Phycocyanobilin Synthesis for Genetically Encoded Phytochrome-Based Optogenetics. <i>ACS Chemical Biology</i> , 2020, 15, 2896-2906.	1.6	22
6	Leaf form diversification in an ornamental heirloom tomato results from alterations in two different HOMEBOX genes. <i>Current Biology</i> , 2021, 31, 4788-4799.e5.	1.8	21
7	Single-cell quantification of the concentrations and dissociation constants of endogenous proteins. <i>Journal of Biological Chemistry</i> , 2019, 294, 6062-6072.	1.6	19
8	Shedding light on developmental ERK signaling with genetically encoded biosensors. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	17
9	Near-infrared imaging in fission yeast using a genetically encoded phycocyanobilin biosynthesis system. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	15
10	Inferring a nonlinear biochemical network model from a heterogeneous single-cell time course data. <i>Scientific Reports</i> , 2018, 8, 6790.	1.6	13
11	LIM Tracker: a software package for cell tracking and analysis with advanced interactivity. <i>Scientific Reports</i> , 2022, 12, 2702.	1.6	13
12	Growth states of catalytic reaction networks exhibiting energy metabolism. <i>Physical Review E</i> , 2011, 84, 011927.	0.8	11
13	Rescaling of Spatio-Temporal Sensing in Eukaryotic Chemotaxis. <i>PLoS ONE</i> , 2016, 11, e0164674.	1.1	11
14	Inverse tissue mechanics of cell monolayer expansion. <i>PLoS Computational Biology</i> , 2018, 14, e1006029.	1.5	8
15	Visualization and Manipulation of Intracellular Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1293, 225-234.	0.8	6
16	Identifying dynamical systems with bifurcations from noisy partial observation. <i>Physical Review E</i> , 2013, 87, 042716.	0.8	5
17	Quantitative live-cell imaging of GPCR downstream signaling dynamics. <i>Biochemical Journal</i> , 2022, 479, 883-900.	1.7	4
18	Hierarchical modeling of mechano-chemical dynamics of epithelial sheets across cells and tissue. <i>Scientific Reports</i> , 2021, 11, 4069.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Classification and Analysis of Liverwort Sperm by Integration-Net. , 2022, , .		2
20	Sparse Bayesian linear regression with latent masking variables. Neurocomputing, 2017, 258, 3-12.	3.5	1