

# Yohei Kondo

## List of Publications by Year in descending order

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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	Classification and Analysis of Liverwort Sperm by Integration-Net. , 2022, , .		2
2	LIM Tracker: a software package for cell tracking and analysis with advanced interactivity. Scientific Reports, 2022, 12, 2702.	1.6	13
3	Quantitative live-cell imaging of GPCR downstream signaling dynamics. Biochemical Journal, 2022, 479, 883-900.	1.7	4
4	Visualization and Manipulation of Intracellular Signaling. Advances in Experimental Medicine and Biology, 2021, 1293, 225-234.	0.8	6
5	Hierarchical modeling of mechano-chemical dynamics of epithelial sheets across cells and tissue. Scientific Reports, 2021, 11, 4069.	1.6	3
6	Shedding light on developmental ERK signaling with genetically encoded biosensors. Development (Cambridge), 2021, 148, .	1.2	17
7	Leaf form diversification in an ornamental heirloom tomato results from alterations in two different HOMEBOX genes. Current Biology, 2021, 31, 4788-4799.e5.	1.8	21
8	Near-infrared imaging in fission yeast using a genetically encoded phycocyanobilin biosynthesis system. Journal of Cell Science, 2021, 134, .	1.2	15
9	Optogenetic relaxation of actomyosin contractility uncovers mechanistic roles of cortical tension during cytokinesis. Nature Communications, 2021, 12, 7145.	5.8	30
10	Improvement of Phycocyanobilin Synthesis for Genetically Encoded Phytochrome-Based Optogenetics. ACS Chemical Biology, 2020, 15, 2896-2906.	1.6	22
11	Single-cell quantification of the concentrations and dissociation constants of endogenous proteins. Journal of Biological Chemistry, 2019, 294, 6062-6072.	1.6	19
12	Inferring a nonlinear biochemical network model from a heterogeneous single-cell time course data. Scientific Reports, 2018, 8, 6790.	1.6	13
13	Cell-to-Cell Heterogeneity in p38-Mediated Cross-Inhibition of JNK Causes Stochastic Cell Death. Cell Reports, 2018, 24, 2658-2668.	2.9	74
14	Inverse tissue mechanics of cell monolayer expansion. PLoS Computational Biology, 2018, 14, e1006029.	1.5	8
15	Sparse Bayesian linear regression with latent masking variables. Neurocomputing, 2017, 258, 3-12.	3.5	1
16	Fold-change detection and scale invariance of cell-cell signaling in social amoeba. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4149-E4157.	3.3	36
17	Propagating Wave of ERK Activation Orients Collective Cell Migration. Developmental Cell, 2017, 43, 305-317.e5.	3.1	209
18	Rescaling of Spatio-Temporal Sensing in Eukaryotic Chemotaxis. PLoS ONE, 2016, 11, e0164674.	1.1	11

#	ARTICLE	IF	CITATIONS
19	Identifying dynamical systems with bifurcations from noisy partial observation. Physical Review E, 2013, 87, 042716.	0.8	5
20	Growth states of catalytic reaction networks exhibiting energy metabolism. Physical Review E, 2011, 84, 011927.	0.8	11