

Ryan Goh

List of Publications by Year in descending order

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11
papers

243
citations

1163117

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1281871

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docs citations

14
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissecting the dynamics of signaling events in the BMP, WNT, and NODAL cascade during self-organized fate patterning in human gastruloids. PLoS Biology, 2019, 17, e3000498.	5.6	129
2	Spatial Wavenumber Selection in Recurrent Precipitation. SIAM Journal on Applied Dynamical Systems, 2011, 10, 360-402.	1.6	22
3	Triggered Fronts in the Complex Ginzburg Landau Equation. Journal of Nonlinear Science, 2014, 24, 117-144.	2.1	21
4	Pattern-forming fronts in a Swift-Hohenberg equation with directional quenching parallel and oblique stripes. Journal of the London Mathematical Society, 2018, 98, 104-128.	1.0	15
5	Hopf Bifurcation from Fronts in the Cahn-Hilliard Equation. Archive for Rational Mechanics and Analysis, 2015, 217, 1219-1263.	2.4	14
6	Pattern formation in the wake of triggered pushed fronts. Nonlinearity, 2016, 29, 2196-2237.	1.4	13
7	Universal wave-number selection laws in apical growth. Physical Review E, 2016, 94, 022219.	2.1	8
8	Growing Stripes, with and without Wrinkles. SIAM Journal on Applied Dynamical Systems, 2019, 18, 1078-1117.	1.6	8
9	Spectral stability of pattern-forming fronts in the complex Ginzburg-Landau equation with a quenching mechanism. Nonlinearity, 2022, 35, 170-244.	1.4	3
10	Stochastic Implementation and Analysis of Dynamical Systems Similar to the Logistic Map. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2017, 25, 747-759.	3.1	2
11	Strain and Defects in Oblique Stripe Growth. Multiscale Modeling and Simulation, 2021, 19, 1236-1260.	1.6	2