

Ryan Goh

List of Publications by Year in descending order

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236
citing authors

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