Evgeny P Zemskov

List of Publications by Year
in descending order

12 papers	166 citations	1478280 6 h-index	1199470 12 g-index
13 all docs	13 docs citations	13 times ranked	117 citing authors

#	Article	IF	Citations
1	Homogenization of a reaction–diffusion system modeling sulfate corrosion of concrete in locally periodic perforated domains. Journal of Engineering Mathematics, 2011, 69, 261-276.	0.6	37
2	Amplitude equations for reaction-diffusion systems with cross diffusion. Physical Review E, 2011, 84, 036216.	0.8	32
3	Diffusive instabilities in hyperbolic reaction-diffusion equations. Physical Review E, 2016, 93, 032211.	0.8	32
4	Oscillatory pulses and wave trains in a bistable reaction-diffusion system with cross diffusion. Physical Review E, 2017, 95, 012203.	0.8	19
5	Variational principles and the shift in the front speed due to a cutoff. Physical Review E, 2005, 72, 056113.	0.8	13
6	Wavy fronts in a hyperbolic FitzHugh-Nagumo system and the effects of cross diffusion. Physical Review E, 2015, 91, 062917.	0.8	13
7	Segregation and pursuit waves in activator-inhibitor systems. Physical Review E, 2007, 76, 046222.	0.8	5
8	Oscillatory pulse-front waves in a reaction-diffusion system with cross diffusion. Physical Review E, 2018, 97, 062206.	0.8	5
9	Oscillatory multipulsons: Dissipative soliton trains in bistable reaction-diffusion systems with cross diffusion of attractive-repulsive type. Physical Review E, 2020, 101, 032208.	0.8	4
10	Solitary pulses and periodic wave trains in a bistable FitzHugh-Nagumo model with cross diffusion and cross advection. Physical Review E, 2022, 105, 014207.	0.8	3
11	Multifront regime of a piecewise-linear FitzHugh-Nagumo model with cross diffusion. Physical Review E, 2019, 99, 062214.	0.8	2
12	Nonlinear waves in a quintic FitzHugh–Nagumo model with cross diffusion: Fronts, pulses, and wave trains. Chaos, 2021, 31, 033141.	1.0	1