Katarzyna PichÃ³r

List of Publications by Year
in descending order

18 papers	434 citations	1162367 8 h-index	940134 16 g-index
18 all docs	18 docs citations	18 times ranked	157 citing authors

#	Article	IF	Citations
1	Influence of stochastic perturbation on prey–predator systems. Mathematical Biosciences, 2007, 206, 108-119.	0.9	133
2	Continuous Markov Semigroups and Stability of Transport Equations. Journal of Mathematical Analysis and Applications, 2000, 249, 668-685.	0.5	78
3	Stability of Markov Semigroups and Applications to Parabolic Systems. Journal of Mathematical Analysis and Applications, 1997, 215, 56-74.	0.5	65
4	Asymptotic behavior of distributions of mRNA and protein levels in a model of stochastic gene expression. Journal of Mathematical Analysis and Applications, 2007, 333, 753-769.	0.5	45
5	Asynchronous Exponential Growth of a General Structured Population Model. Acta Applicandae Mathematicae, 2012, 119, 149-166.	0.5	39
6	MARKOV SEMIGROUPS AND STABILITY OF THE CELL MATURITY DISTRIBUTION. Journal of Biological Systems, 2000, 08, 69-94.	0.5	17
7	Asymptotic decomposition of substochastic operators and semigroups. Journal of Mathematical Analysis and Applications, 2016, 436, 305-321.	0.5	17
8	Asymptotic decomposition of substochastic semigroups and applications. Stochastics and Dynamics, 2018, 18, 1850001.	0.6	13
9	Asymptotic stability of a partial differential equation with an integral perturbation. Annales Polonici Mathematici, 1998, 68, 83-96.	0.2	8
10	Dynamics of antibody levels: Asymptotic properties. Mathematical Methods in the Applied Sciences, 2020, 43, 10490-10499.	1.2	4
11	Asymptotic behaviour of a structured population model. Mathematical and Computer Modelling, 2013, 57, 1240-1249.	2.0	3
12	Asymptotic stability and sweeping of substochastic semigroups. Annales Polonici Mathematici, 2012, 103, 123-134.	0.2	3
13	Stability of stochastic semigroups and applications to Stein's neuronal model. Discrete and Continuous Dynamical Systems - Series B, 2018, 23, 377-385.	0.5	3
14	Cell cycle length and long–time behavior of an age–size model. Mathematical Methods in the Applied Sciences, 2022, 45, 5797-5820.	1.2	3
15	Applications of stochastic semigroups to cell cycle models. Discrete and Continuous Dynamical Systems - Series B, 2019, 24, 2365-2381.	0.5	2
16	Stochastic semigroups and their applications to biological models. Demonstratio Mathematica, 2012, 45, .	0.6	1
17	One and two-phase cell cycle models. Biomath, 2019, 8, 1905261.	0.3	0
18	Asymptotic Properties of Stochastic Semigroups with Applications to Piecewise Deterministic Markov Processes. Springer Proceedings in Mathematics and Statistics, 2020, , 329-347.	0.1	0