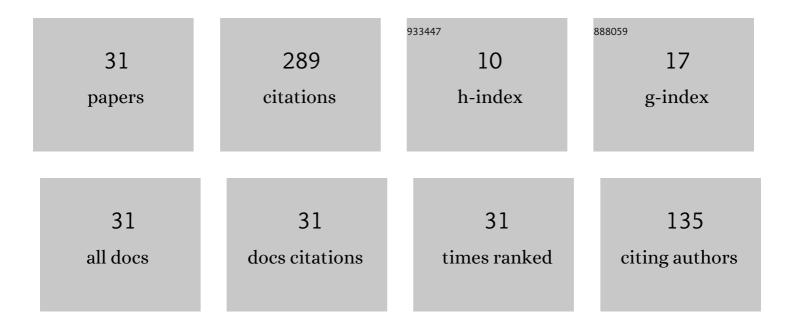
Yuanwei Qi

List of Publications by Year in descending order

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VIIANNAJEL OL

#	Article	IF	CITATIONS
1	The Role of Delay and Degeneracy on Propagation Dynamics in Diffusion Equations. Journal of Dynamics and Differential Equations, 2022, 34, 2371-2404.	1.9	5
2	Mathematical analysis of a tumor invasion model—global existence and stability. Nonlinear Analysis: Real World Applications, 2021, 61, 103297.	1.7	1
3	Propagation dynamics of a time periodic diffusion equation with degenerate nonlinearity. Nonlinear Analysis: Real World Applications, 2019, 45, 376-400.	1.7	7
4	Traveling Wave to Non-KPP Isothermal Diffusion Systems: Existence of Minimum Speed and Sharp Bounds. SIAM Journal on Mathematical Analysis, 2019, 51, 1436-1453.	1.9	8
5	Existence of Traveling Waves of General Gray-Scott Models. Journal of Dynamics and Differential Equations, 2018, 30, 1469-1487.	1.9	3
6	Convergence of solutions of the weighted Allen–Cahn equations to Brakke type flow. Calculus of Variations and Partial Differential Equations, 2018, 57, 1.	1.7	1
7	The existence of minimum speed of traveling wave solutions to a non-KPP isothermal diffusion system. Journal of Differential Equations, 2017, 263, 1695-1707.	2.2	5
8	Blow-up of p-Laplacian evolution equations with variable source power. Science China Mathematics, 2017, 60, 469-490.	1.7	3
9	The travelling wave of Gray-Scott systems – existence, multiplicity and stability. Journal of Biological Dynamics, 2017, 11, 379-399.	1.7	2
10	Computational Study of Traveling Wave Solutions of Isothermal Chemical Systems. Communications in Computational Physics, 2016, 19, 1461-1472.	1.7	2
11	Existence of traveling waves of auto-catalytic systems with decay. Journal of Differential Equations, 2016, 260, 7982-7999.	2.2	9
12	The study of global stability of a diffusive Holling–Tanner predator–prey model. Applied Mathematics Letters, 2016, 57, 132-138.	2.7	14
13	Global stability of Leslie-type predator-prey model. Methods and Applications of Analysis, 2016, 23, 259-268.	0.5	2
14	Traveling waves solutions to general isothermal diffusion systems. Nonlinear Analysis: Real World Applications, 2015, 26, 1-18.	1.7	1
15	Traveling waves solutions of isothermal chemical systems with decay. Journal of Differential Equations, 2015, 258, 669-695.	2.2	3
16	Existence and nonexistence of travelling waves of a reaction–diffusion system. Journal of Mathematical Analysis and Applications, 2013, 401, 130-139.	1.0	0
17	The existence and non-existence of travelling front in high order auto-catalysis chemical reaction. Science China Mathematics, 2012, 55, 1761-1768.	1.7	0
18	On non-Newtonian lubrication with the upper convected Maxwell model. Applied Mathematical Modelling, 2011, 35, 2309-2323.	4.2	23

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#	Article	IF	CITATIONS
19	Travelling waves of auto-catalytic chemical reaction of general order—An elliptic approach. Journal of Differential Equations, 2009, 246, 3038-3057.	2.2	22
20	Propagation of Local Disturbances in Reaction Diffusion Systems Modeling Quadratic Autocatalysis. SIAM Journal on Applied Mathematics, 2008, 69, 273-282.	1.8	19
21	Existence of positive solutions to an elliptic system with coupled nonlinearityâ€. Applicable Analysis, 2008, 87, 385-400.	1.3	1
22	Sharp Estimates on Minimum Travelling Wave Speed of Reaction Diffusion Systems Modelling Autocatalysis. SIAM Journal on Mathematical Analysis, 2007, 39, 437-448.	1.9	39
23	Singular solutions of parabolic \$p\$-Laplacian with absorption. Transactions of the American Mathematical Society, 2007, 359, 5653-5668.	0.9	10
24	A strongly coupled predator–prey system with non-monotonic functional response. Nonlinear Analysis: Theory, Methods & Applications, 2007, 67, 1966-1979.	1.1	39
25	The development of travelling waves in cubic auto-catalysis with different rates of diffusion. Physica D: Nonlinear Phenomena, 2007, 226, 129-135.	2.8	16
26	Classification of singular solutions of porous media equations with absorption. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2005, 135, 563-584.	1.2	0
27	Classification of singular solutions of porous media equations with absorption. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2005, 135, 563-584.	1.2	4
28	Existence and non-existence of global solutions of diffusion systems with nonlinear boundary conditions. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2004, 134, 1199-1217.	1.2	13
29	Universal self-similarity of porous media equation with absorption: the critical exponent case. Journal of Differential Equations, 2004, 198, 442-463.	2.2	4
30	Self-similar singular solutions of a p-Laplacian evolution equation with absorption. Journal of Differential Equations, 2003, 190, 1-15.	2.2	12
31	The self-similar profiles of generalized KPZ equation. Pacific Journal of Mathematics, 2001, 201, 223-240.	0.5	21