

John Mallet-Paret

List of Publications by Year in descending order

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28
papers

1,724
citations

471509

17
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	The Poincaré-Bendixson Theorem for Monotone Cyclic Feedback Systems with Delay. <i>Journal of Differential Equations</i> , 1996, 125, 441-489.	2.2	212
2	The Global Structure of Traveling Waves in Spatially Discrete Dynamical Systems. <i>Journal of Dynamics and Differential Equations</i> , 1999, 11, 49-127.	1.9	208
3	The Poincaré-Bendixson theorem for monotone cyclic feedback systems. <i>Journal of Dynamics and Differential Equations</i> , 1990, 2, 367-421.	1.9	193
4	The Fredholm Alternative for Functional Differential Equations of Mixed Type. <i>Journal of Dynamics and Differential Equations</i> , 1999, 11, 1-47.	1.9	191
5	Systems of Differential Delay Equations: Floquet Multipliers and Discrete Lyapunov Functions. <i>Journal of Differential Equations</i> , 1996, 125, 385-440.	2.2	123
6	Morse Decompositions for delay-differential equations. <i>Journal of Differential Equations</i> , 1988, 72, 270-315.	2.2	112
7	Periodic solutions for functional differential equations with multiple state-dependent time lags. <i>Topological Methods in Nonlinear Analysis</i> , 1994, 3, 101.	0.2	100
8	The Lyapunov dimension of a nowhere differentiable attracting torus. <i>Ergodic Theory and Dynamical Systems</i> , 1984, 4, 261-281.	0.6	96
9	Boundary layer phenomena for differential-delay equations with state-dependent time lags, I.. <i>Archive for Rational Mechanics and Analysis</i> , 1992, 120, 99-146.	2.4	90
10	DYNAMICS OF LATTICE DIFFERENTIAL EQUATIONS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 1996, 06, 1605-1621.	1.7	81
11	Eigenvalues for a class of homogeneous cone maps arising from max-plus operators. <i>Discrete and Continuous Dynamical Systems</i> , 2002, 8, 519-562.	0.9	63
12	Generalizing the Krein-Rutman theorem, measures of noncompactness and the fixed point index. <i>Journal of Fixed Point Theory and Applications</i> , 2010, 7, 103-143.	1.1	48
13	Boundary layer phenomena for differential-delay equations with state-dependent time lags: III. <i>Journal of Differential Equations</i> , 2003, 189, 640-692.	2.2	38
14	Superstability and rigorous asymptotics in singularly perturbed state-dependent delay-differential equations. <i>Journal of Differential Equations</i> , 2011, 250, 4037-4084.	2.2	30
15	Universality of Crystallographic Pinning. <i>Journal of Dynamics and Differential Equations</i> , 2010, 22, 79-119.	1.9	27
16	Hopf bifurcation and symmetry: travelling and standing waves on the circle. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 1986, 104, 279-307.	1.2	26
17	Inequivalent measures of noncompactness. <i>Annali Di Matematica Pura Ed Applicata</i> , 2011, 190, 453-488.	1.0	19
18	Analyticity and Nonanalyticity of Solutions of Delay-Differential Equations. <i>SIAM Journal on Mathematical Analysis</i> , 2014, 46, 2468-2500.	1.9	15

#	ARTICLE	IF	CITATIONS
19	Tensor Products, Positive Linear Operators, and Delay-Differential Equations. Journal of Dynamics and Differential Equations, 2013, 25, 843-905.	1.9	12
20	MIXED-TYPE FUNCTIONAL DIFFERENTIAL EQUATIONS, HOLOMORPHIC FACTORIZATION, AND APPLICATIONS. , 2005, , .		10
21	A basis theorem for a class of max-plus eigenproblems. Journal of Differential Equations, 2003, 189, 616-639.	2.2	7
22	Multiple transition layers in a singularly perturbed differential-delay equation. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 1993, 123, 1119-1134.	1.2	6
23	Asymptotic fixed point theory and the beer barrel theorem. Journal of Fixed Point Theory and Applications, 2008, 4, 203-245.	1.1	5
24	Differential Systems with Feedback: Time Discretizations and Lyapunov Functions. Journal of Dynamics and Differential Equations, 2003, 15, 659-698.	1.9	4
25	Intricate Structure of the Analyticity Set for Solutions of a Class of Integral Equations. Journal of Dynamics and Differential Equations, 2019, 31, 1045-1077.	1.9	3
26	Asymptotic homogenization for delay-differential equations and a question of analyticity. Discrete and Continuous Dynamical Systems, 2020, 40, 3789-3812.	0.9	3
27	Obituary of Jack K. Hale. Journal of Dynamics and Differential Equations, 2010, 22, 73-78.	1.9	1
28	Analytic Solutions of Delay-Differential Equations. Journal of Dynamics and Differential Equations, 2024, 36, 223-251.	1.9	1