Hans-Otto Walther

List of Publications by Year
in descending order

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48	1,029	430874	434195
papers	citations	18 h-index	31 g-index

52	52	52	332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Floquet Multipliers of a Periodic Solution Under State-Dependent Delay. Journal of Dynamics and Differential Equations, 2024, 36, 25-52.	1.9	1
2	Dense Short Solution Segments from Monotonic Delayed Arguments. Journal of Dynamics and Differential Equations, 2022, 34, 2867-2900.	1.9	1
3	Operon dynamics with state dependent transcription and/or translation delays. Journal of Mathematical Biology, 2022, 84, 2.	1.9	6
4	On solution manifolds of differential systems with discrete state-dependent delays. Discrete and Continuous Dynamical Systems - Series S, 2022, .	1.1	1
5	On the solution manifold of a differential equation with a delay which has a zero. Electronic Journal of Qualitative Theory of Differential Equations, 2022, , 1-10.	0.5	1
6	Solution manifolds which are almost graphs. Journal of Differential Equations, 2021, 293, 226-248.	2.2	6
7	Solutions with dense short segments from regular delays. Journal of Differential Equations, 2020, 268, 6821-6871.	2.2	2
8	A Delay Differential Equation with a Solution Whose Shortened Segments are Dense. Journal of Dynamics and Differential Equations, 2019, 31, 1495-1523.	1.9	3
9	Differentiability in FrÃ©chet spaces and delay differential equations. Electronic Journal of Qualitative Theory of Differential Equations, 2019, , 1-44.	0.5	1
10	Response of an oscillatory differential delay equation to a single stimulus. Journal of Mathematical Biology, 2017, 74, 1139-1196.	1.9	4
11	John Mallet-Paret 60. Journal of Dynamics and Differential Equations, 2016, 28, 595-603.	1.9	0
12	A Shilnikov Phenomenon Due to State-Dependent Delay, by Means of the Fixed Point Index. Journal of Dynamics and Differential Equations, 2016, 28, 627-688.	1.9	5
13	Merging homoclinic solutions due to state-dependent delay. Journal of Differential Equations, 2015, 259, 473-509.	2.2	5
14	A Homoclinic Loop Generated by Variable Delay. Journal of Dynamics and Differential Equations, 2015, 27, 1101-1139.	1.9	8
15	Evolution Systems for Differential Equations with Variable Time Lags. Journal of Mathematical Sciences, 2014, 202, 911-933.	0.4	2
16	Topics in Delay Differential Equations. Deutsche Mathematiker Vereinigung Jahresbericht, 2014, 116, 87-114.	1.1	21
17	Semiflows for Neutral Equations with State-Dependent Delays. Fields Institute Communications, 2013, , 211-267.	1.3	4
18	On Poisson's state-dependent delay. Discrete and Continuous Dynamical Systems, 2013, 33, 365-379.	0.9	10

#	Article	IF	Citations
19	Differential equations with locally bounded delay. Journal of Differential Equations, 2012, 252, 3001-3039.	2.2	13
20	More on Linearized Stability for Neutral Equations with State-Dependent Delays. Differential Equations and Dynamical Systems, 2011, 19, 315-333.	1.0	8
21	Linearized Stability for Semiflows Generated by a Class of Neutral Equations, with Applications to State-Dependent Delays. Journal of Dynamics and Differential Equations, 2010, 22, 439-462.	1.9	20
22	Algebraic-Delay Differential Systems, State-Dependent Delay, and Temporal Order of Reactions. Journal of Dynamics and Differential Equations, 2009, 21, 195-232.	1.9	14
23	Center-stable manifolds for differential equations with state-dependent delays. Discrete and Continuous Dynamical Systems, 2009, 23, 1009-1033.	0.9	12
24	A periodic solution of a differential equation with state-dependent delay. Journal of Differential Equations, 2008, 244, 1910-1945.	2.2	30
25	On a Model for Soft Landing with State-Dependent Delay. Journal of Dynamics and Differential Equations, 2007, 19, 593-622.	1.9	41
26	Chapter 5 Functional Differential Equations with State-Dependent Delays: Theory and Applications. Handbook of Differential Equations: Ordinary Differential Equations, 2006, 3, 435-545.	0.2	182
27	On the Floquet Multipliers of Periodic Solutions to Non-linear Functional Differential Equations. Journal of Dynamics and Differential Equations, 2006, 18, 257-355.	1.9	19
28	Bifurcation of periodic solutions with large periods for a delay differential equation. Annali Di Matematica Pura Ed Applicata, 2006, 185, 577-611.	1.0	14
29	Bifurcation of periodic solutions with large periods for a delay differential equation. Annali Di Matematica Pura Ed Applicata, 2006, 185, 577.	1.0	1
30	Convergence to square waves for a price model with delay. Discrete and Continuous Dynamical Systems, 2005, 13, 1325-1342.	0.9	9
31	On a Model of a Currency Exchange Rate ? Local Stability and Periodic Solutions. Journal of Dynamics and Differential Equations, 2004, 16, 393-432.	1.9	19
32	Stable Periodic Motion of a System Using Echo for Position Control. Journal of Dynamics and Differential Equations, 2003, 15, 143-223.	1.9	18
33	The solution manifold and C1-smoothness for differential equations with state-dependent delay. Journal of Differential Equations, 2003, 195, 46-65.	2.2	124
34	Stable periodic motion of a delayed spring. Topological Methods in Nonlinear Analysis, 2003, 21, 1.	0.2	7
35	Contracting return maps for monotone delayed feedback. Discrete and Continuous Dynamical Systems, 2001, 7, 259-274.	0.9	22
36	Unique Periodic Orbits for Delayed Positive Feedback and the Global Attractor. Journal of Dynamics and Differential Equations, 2001, 13, 1-57.	1.9	42

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37	Chaotic Motion Generated by Delayed Negative Feedback Part II: Construction of Nonlinearities. Mathematische Nachrichten, 1996, 180, 141-211.	0.8	22
38	The 2-dimensional attractor of ?â€™(?)=-??(?)+?(?(?-1)). Memoirs of the American Mathematical Society, 1995, 113, 0-0.	0.9	16
39	Unstable hyperbolic periodic solutions of differential delay equations. , 1992, , 301-316.		6
40	Hyperbolic sets, transversal homoclinic trajectories, and symbolic dynamics for C1-maps in banach spaces. Journal of Dynamics and Differential Equations, 1990, 2, 325-365.	1.9	35
41	Hyperbolic periodic solutions, heteroclinic connections and transversal homoclinic points in autonomous differential delay equations. Memoirs of the American Mathematical Society, 1989, 79, 0-0.	0.9	14
42	Characteristic Multipliers and Stability of Symmetric Periodic Solutions of . x (t) = g(x(t - 1)). Transactions of the American Mathematical Society, 1988, 307, 127.	0.9	13
43	Bifurcation from periodic solutions in functional differential equations. Mathematische Zeitschrift, 1983, 182, 269-289.	0.9	29
44	Existence of chaos in control systems with delayed feedback. Journal of Differential Equations, 1983, 47, 273-295.	2.2	95
45	Density of slowly oscillating solutions of á^{o}‹(t) = â˜’f(x(t â˜’ 1)). Journal of Mathematical Analysis and Applications, 1981, 79, 127-140.	1.0	31
46	On instability, Î$_{\gamma}$-limit sets and periodic solutions of nonlinear autonomous differential delay equations. Lecture Notes in Mathematics, 1979, , 489-503.	0.2	12
47	A theorem on the amplitudes of periodic solutions of differential delay equations with applications to bifurcation. Journal of Differential Equations, 1978, 29, 396-404.	2.2	33
48	Stability of attractivity regions for autonomous functional differential equations. Manuscripta Mathematica, 1975, 15, 349-363.	0.6	11