Carmen NÃºÃ±ez

List of Publications by Year
in descending order

46 papers	416 citations	759233 12 h-index	794594 19 g-index
48 all docs	48 docs citations	48 times ranked	100 citing authors

#	Article	IF	Citations
1	On the solvability of the Yakubovich linear-quadratic infinite horizon minimization problem. Annali Di Matematica Pura Ed Applicata, 2020, 199, 1713-1735.	1.0	2
2	Non-Atkinson Perturbations of Nonautonomous Linear Hamiltonian Systems: Exponential Dichotomy and Nonoscillation. Journal of Dynamics and Differential Equations, 2019, 31, 1397-1426.	1.9	1
3	Liâ€“Yorke chaos in nonautonomous Hopf bifurcation patternsâ€”I. Nonlinearity, 2019, 32, 3940-3980.	1.4	5
4	Existence of global attractor for a nonautonomous state-dependent delay differential equation of neuronal type. Communications in Nonlinear Science and Numerical Simulation, 2019, 78, 104874.	3.3	2
5	Nonautonomous Linear-Quadratic Dissipative Control Processes Without Uniform Null Controllability. Journal of Dynamics and Differential Equations, 2017, 29, 355-383.	1.9	10
6	Dynamical properties of nonautonomous functional differential equations with state-dependent delay. Discrete and Continuous Dynamical Systems, 2017, 37, 3939-3961.	0.9	2
7	Exponential stability for nonautonomous functional differential equations with state-dependent delay. Discrete and Continuous Dynamical Systems - Series B, 2017, 22, 3167-3197.	0.9	2
8	Nonautonomous Linear Hamiltonian Systems: Oscillation, Spectral Theory and Control. Developments in Mathematics, 2016, , .	0.4	24
9	Nonautonomous Control Theory: Linear-Quadratic Dissipative Control Processes. Developments in Mathematics, 2016, , 419-486.	0.4	0
10	Nonautonomous Linear Hamiltonian Systems. Developments in Mathematics, 2016, , 1-75.	0.4	1
11	Null controllable sets and reachable sets for nonautonomous linear control systems. Discrete and Continuous Dynamical Systems - Series S, 2016, 9, 1069-1094.	1.1	2
12	Weak Disconjugacy for Linear Hamiltonian Systems. Developments in Mathematics, 2016, , 249-328.	0.4	0
13	The Weyl Functions. Developments in Mathematics, 2016, , 181-248.	0.4	0
14	Nonautonomous Control Theory: Linear Regulator Problem and the Kalmanâ€“Bucy Filter. Developments in Mathematics, 2016, , 329-365.	0.4	0
15	Nonautonomous Control Theory: A General Version of the Yakubovich Frequency Theorem. Developments in Mathematics, 2016, , 367-418.	0.4	0
16	The Floquet Coefficient for Nonautonomous Linear Hamiltonian Systems: Atkinson Problems. Developments in Mathematics, 2016, , 125-179.	0.4	0
17	The Rotation Number and the Lyapunov Index for Real Nonautonomous Linear Hamiltonian Systems. Developments in Mathematics, 2016, , 77-124.	0.4	0
18	Remarks on linear-quadratic dissipative control systems. Discrete and Continuous Dynamical Systems - Series B, 2015, 20, 889-914.	0.9	6

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19	Skew-product semiflows for non-autonomous partial functional differential equations with delay. Discrete and Continuous Dynamical Systems, 2014, 34, 4291-4321.	0.9	4
20	The Kalman-Bucy filter revisited. Discrete and Continuous Dynamical Systems, 2014, 34, 4139-4153.	0.9	2
21	Uniform Weak Disconjugacy and Principal Solutions for Linear Hamiltonian Systems. Springer Proceedings in Mathematics and Statistics, 2014, , 131-159.	0.2	10
22	Dynamical Methods for Linear Hamiltonian Systems with Applications to Control Processes. Journal of Dynamics and Differential Equations, 2013, 25, 679-713.	1.9	16
23	On linear-quadratic dissipative control processes with time-varying coefficients. Discrete and Continuous Dynamical Systems, 2013, 33, 193-210.	0.9	7
24	Minimal sets in monotone and concave skew-product semiflows II: Two-dimensional systems of differential equations. Journal of Differential Equations, 2012, 252, 3575-3607.	2.2	8
25	Minimal sets in monotone and concave skew-product semiflows I: A general theory. Journal of Differential Equations, 2012, 252, 5492-5517.	2.2	16
26	Some remarks concerning weakly disconjugate linear Hamiltonian systems. Journal of Mathematical Analysis and Applications, 2011, 380, 853-864.	1.0	28
27	Minimal sets in monotone and sublinear skew-product semiflows II: Two-dimensional systems of differential equations. Journal of Differential Equations, 2010, 248, 1899-1925.	2.2	9
28	Minimal sets in monotone and sublinear skew-product semiflows I: The general case. Journal of Differential Equations, 2010, 248, 1879-1897.	2.2	11
29	Global attractivity in concave or sublinear monotone infinite delay differential equations. Journal of Differential Equations, 2009, 246, 3332-3360.	2.2	5
30	A non-autonomous bifurcation theory for deterministic scalar differential equations. Discrete and Continuous Dynamical Systems - Series B, 2008, 9, 701-730.	0.9	11
31	OLD AND NEW RESULTS ON STRANGE NONCHAOTIC ATTRACTORS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 3895-3928.	1.7	42
32	Disconjugacy and the rotation number for linear, non-autonomous Hamiltonian systems. Annali Di Matematica Pura Ed Applicata, 2006, 185, S3-S21.	1.0	16
33	Complete guiding sets for a class of almost-periodic differential equations. Journal of Differential Equations, 2005, 208, 124-146.	2.2	3
34	Almost Automorphic and Almost Periodic Dynamics for Quasimonotone Non-Autonomous Functional Differential Equations. Journal of Dynamics and Differential Equations, 2005, 17, 589-619.	1.9	34
35	A perturbation theorem for linear Hamiltonian systems with bounded orbits. Discrete and Continuous Dynamical Systems, 2005, 13, 623-635.	0.9	1
36	UNIFORM COMPLETE GUIDING SETS FOR FINITE-DELAY DIFFERENTIAL EQUATIONS. , 2005, , .		0

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37	Rotation number for non-autonomous linear Hamiltonian systems II: The Floquet coefficient. Zeitschrift Fur Angewandte Mathematik Und Physik, 2003, 54, 652-676.	1.4	16
38	Rotation number for non-autonomous linear Hamiltonian systems I: Basic properties. Zeitschrift Fur Angewandte Mathematik Und Physik, 2003, 54, 484-502.	1.4	27
39	On the Yakubovich frequency theorem for linear non-autonomous control processes. Discrete and Continuous Dynamical Systems, 2003, 9, 677-704.	0.9	27
40	Absolutely Continuous Invariant Measures on the Sphere. , 2003, , 799-806.		0
41	On the Frequency Theorem for Nonperiodic Systems. , 2002, , 233-240.		0
42	Linear Hamiltonian systems with absolutely continuous dynamics. Nonlinear Analysis: Theory, Methods & Applications, 2001, 47, 1401-1406.	1.1	5
43	Nontangential Limit of the Weyl m-Functions for the Ergodic SchrÃ¶dinger Equation. Journal of Dynamics and Differential Equations, 1998, 10, 209-257.	1.9	5
44	Ergodic Properties and Rotation Number for Linear Hamiltonian Systems. Journal of Differential Equations, 1998, 148, 148-185.	2.2	30
45	The almost periodic type difference equations. Mathematical and Computer Modelling, 1998, 28, 21-31.	2.0	26
46	Time averages for continuous functions on distal flows. Bulletin of the Australian Mathematical Society, 1998, 58, 445-452.	0.5	0