

Claudia Valls

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1571003/claudia-valls-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

479
papers

2,766
citations

20
h-index

37
g-index

511
ext. papers

3,180
ext. citations

1.5
avg, IF

5.96
L-index

#	Paper	IF	Citations
479	Evolution Maps and Admissibility. <i>Mediterranean Journal of Mathematics</i> , 2022 , 19, 1	0.9	
478	Global dynamics for the Szekeres system with non-zero cosmological constant. <i>Physics of the Dark Universe</i> , 2022 , 35, 100954	4.4	1
477	New regularity coefficients. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2022 , 1-25	0.5	
476	Dimension spectra for flows: Future and past. <i>Nonlinear Analysis: Real World Applications</i> , 2022 , 65, 103497	2.1	0
475	Hamiltonian nilpotent saddles of linear plus cubic homogeneous polynomial vector fields. <i>Nonlinear Analysis: Real World Applications</i> , 2022 , 64, 103451	2.1	0
474	Evolution maps and symmetry. <i>Journal of Difference Equations and Applications</i> , 2022 , 28, 355-384	1	0
473	Puiseux Integrability of Differential Equations. <i>Qualitative Theory of Dynamical Systems</i> , 2022 , 21, 1	0.8	1
472	Non-existence and uniqueness of limit cycles in a class of generalized Liñard equations. <i>Boletín De La Sociedad Matemática Mexicana</i> , 2022 , 28, 1	0.6	
471	Global centers of the generalized polynomial Liñard differential systems. <i>Journal of Differential Equations</i> , 2022 , 330, 66-80	2.1	0
470	The circular restricted 4-body problem with three equal primaries in the collinear central configuration of the 3-body problem. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2021 , 133, 1	1.4	0
469	Weierstrass Integrability of Complex Differential Equations. <i>Acta Mathematica Sinica, English Series</i> , 2021 , 37, 1497-1506	0.6	1
468	Anisotropic two-body problem under the Buckingham potential. <i>Journal of Mathematical Chemistry</i> , 2021 , 59, 1368-1377	2.1	
467	The 16th Hilbert problem for discontinuous piecewise isochronous centers of degree one or two separated by a straight line. <i>Chaos</i> , 2021 , 31, 043112	3.3	3
466	Global Phase Portraits for the Kukles Systems of Degree 3 with Z2-Reversible Symmetries. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021 , 31, 2150083	2	0
465	Hyperbolicity of delay equations via cocycles. <i>Journal of Difference Equations and Applications</i> , 2021 , 27, 922-945	1	
464	Periodic orbits for a generalized Hénon-Heiles Hamiltonian system with an additional singular gravitational term. <i>Europhysics Letters</i> , 2021 , 134, 60005	1.6	1
463	The Euler-Jacobi formula and the planar quadratic-quartic polynomial differential systems. <i>Proceedings of the American Mathematical Society</i> , 2021 , 149, 135-141	0.8	3

462	Simultaneity of centres in double-reversible planar differential systems. <i>Dynamical Systems</i> , 2021 , 36, 167-180	0.6	0
461	The zero-Hopf bifurcations in the Kolmogorov systems of degree 3 in R^3 . <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2021 , 95, 105621	3.7	4
460	Configurations of the Topological Indices of the Planar Polynomial Differential Systems of Degree $(2, m)$. <i>Results in Mathematics</i> , 2021 , 76, 1	0.9	0
459	Reversible polynomial Hamiltonian systems of degree 3 with nilpotent saddles. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2021 , 26, 3209	1.3	
458	Rational limit cycles of Abel equations. <i>Communications on Pure and Applied Analysis</i> , 2021 , 20, 1077	1.9	2
457	Geometry, integrability and bifurcation diagrams of a family of quadratic differential systems as application of the Darboux theory of integrability. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2021 , 1-90	0.5	1
456	Nonautonomous equations and almost reducibility sets. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2021 , 1-14	0.5	
455	Dynamics and Darboux Integrability of the D^2 Polynomial Vector Fields of Degree 2 in (\mathbb{R}^3) . <i>Mathematical Physics Analysis and Geometry</i> , 2021 , 24, 1	0.8	
454	Rational limit cycles on generalized Bernoulli polynomial equations. <i>Journal of Mathematical Physics</i> , 2021 , 62, 033501	1.2	0
453	Phase portraits of the complex Abel polynomial differential systems. <i>Chaos, Solitons and Fractals</i> , 2021 , 148, 111050	9.3	0
452	A sufficient condition for the real Jacobian conjecture in R^2 . <i>Nonlinear Analysis: Real World Applications</i> , 2021 , 60, 103298	2.1	1
451	Limit cycles of discontinuous piecewise differential systems formed by linear centers in R^2 and separated by two circles. <i>Nonlinear Analysis: Real World Applications</i> , 2021 , 60, 103281	2.1	1
450	Dynamics of the Szekeres system. <i>Journal of Mathematical Physics</i> , 2021 , 62, 082502	1.2	2
449	Equivariant Nonautonomous Normal Forms. <i>Qualitative Theory of Dynamical Systems</i> , 2021 , 20, 1	0.8	
448	On the Existence of Symmetric Bicircular Central Configurations of the $3n$ -Body Problem. <i>Journal of Nonlinear Science</i> , 2021 , 31, 1	2.8	
447	Polynomial differential systems with even degree have no global centers. <i>Journal of Mathematical Analysis and Applications</i> , 2021 , 503, 125281	1.1	0
446	Smooth linearization under nonuniform hyperbolicity. <i>Revista Matemática Iberoamericana</i> , 2021 , 37, 1803-1860		
445	Non-existence, existence, and uniqueness of limit cycles for a generalization of the Van der Pol-Duffing and the Rayleigh-Duffing oscillators. <i>Physica D: Nonlinear Phenomena</i> , 2020 , 407, 132458	3.3	10

444	Global dynamics of a Lotka-Volterra system in R^3 . <i>Journal of Nonlinear Mathematical Physics</i> , 2020 , 27, 509	0.9	1
443	Center manifolds for nonautonomous dynamics via evolution semigroups. <i>Journal of Fixed Point Theory and Applications</i> , 2020 , 22, 1	1.4	
442	Integrability and zero-Hopf bifurcation in the Sprott A system. <i>Bulletin Des Sciences Mathematiques</i> , 2020 , 162, 102874	0.7	5
441	A generalization of the Poincaré compactification for weight-homogeneous polynomials with weight degree $(1, 1)$. <i>Topology and Its Applications</i> , 2020 , 279, 107229	0.4	
440	Global dynamics of the Maxwell-Bloch system with invariant algebraic surfaces. <i>Dynamical Systems</i> , 2020 , 35, 668-681	0.6	
439	One-Sided Hyperbolicity via Evolution Maps. <i>Results in Mathematics</i> , 2020 , 75, 1	0.9	0
438	Perturbations of delay equations. <i>Journal of Differential Equations</i> , 2020 , 269, 7015-7041	2.1	2
437	Limit cycles bifurcating of Kolmogorov systems in R^2 and in R^3 . <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2020 , 91, 105401	3.7	5
436	On the global dynamics of a three-dimensional forced-damped differential system. <i>Journal of Nonlinear Mathematical Physics</i> , 2020 , 27, 414	0.9	2
435	Small-Amplitude Limit Cycles of Certain Planar Differential Systems. <i>Qualitative Theory of Dynamical Systems</i> , 2020 , 19, 1	0.8	1
434	Evolution maps and center manifolds. <i>Aequationes Mathematicae</i> , 2020 , 94, 1213-1239	0.7	
433	Global Phase Portraits of Z_2 -Symmetric Planar Polynomial Hamiltonian Systems of Degree Three with a Nilpotent Saddle at the Origin. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050006	2	
432	Nilpotent Global Centers of Linear Systems with Cubic Homogeneous Nonlinearities. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050010	2	1
431	On the Poincaré problem and Liouvillian integrability of quadratic Liard differential equations. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2020 , 150, 3231-3251	1	8
430	Admissibility in the Strong and Weak Senses. <i>Qualitative Theory of Dynamical Systems</i> , 2020 , 19, 1	0.8	
429	Classification of Invariant Algebraic Curves and Nonexistence of Algebraic Limit Cycles in Quadratic Systems from Family (I) of the Chinese Classification. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050056	2	1
428	ANALYTIC INTEGRABILITY AROUND THE ORIGIN OF CERTAIN DIFFERENTIAL SYSTEM. <i>Journal of Applied Analysis and Computation</i> , 2020 , 0-0	0.4	
427	Nilpotent saddles of linear plus cubic homogeneous polynomial reversible vector fields. <i>Bulletin Des Sciences Mathematiques</i> , 2020 , 162, 102873	0.7	

426	Algebraic traveling waves for the modified Korteweg-de-Vries-Burgers equation. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2020 , 1-16	0.5	
425	Rational limit cycles on Bernoulli and Riccati equations. <i>Journal of Geometry and Physics</i> , 2020 , 155, 103705	0.5	3
424	Periodic solutions and invariant torus in the Rössler system. <i>Nonlinearity</i> , 2020 , 33, 4512-4539	1.7	2
423	On the global dynamics and integrability of the Chemostat system. <i>Nonlinear Analysis: Real World Applications</i> , 2020 , 53, 103051	2.1	2
422	Bounded polynomial vector fields in R^2 and R^n . <i>Journal of Differential Equations</i> , 2020 , 268, 4416-4422	2.1	0
421	Equivalent notions of hyperbolicity. <i>Dynamical Systems</i> , 2020 , 35, 336-360	0.6	1
420	Highest weak focus order for trigonometric Liénard equations. <i>Annali Di Matematica Pura Ed Applicata</i> , 2020 , 199, 1673-1684	0.8	2
419	Integrable Weak Saddles for Trigonometric Liénard Systems. <i>Journal of Dynamical and Control Systems</i> , 2020 , 26, 551-556	1.1	
418	NONUNIFORM EXPONENTIAL BEHAVIOR VIA EVOLUTION SEMIGROUPS. <i>Mathematika</i> , 2020 , 66, 15-38	0.6	2
417	Centers of planar generalized Abel equations. <i>Journal of Differential Equations</i> , 2020 , 268, 6481-6487	2.1	1
416	Global Phase Portraits for a Planar Z_2 -Equivariant Kukles Systems of Degree 3. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050164	2	1
415	SPECTRA OF DELAY EQUATIONS. <i>Mathematika</i> , 2020 , 66, 900-919	0.6	
414	Integrability Conditions of a Weak Saddle in a Complex Polynomial Differential System. <i>Journal of Dynamical and Control Systems</i> , 2020 , 1	1.1	
413	Regularity Coefficients for Impulsive Differential Equations. <i>Quarterly Journal of Mathematics</i> , 2020 , 71, 1535-1556	0.4	
412	On the configurations of the singular points and their topological indices for the spatial quadratic polynomial differential systems. <i>Journal of Differential Equations</i> , 2020 , 269, 10571-10586	2.1	2
411	Hyperbolicity via admissibility in delay equations. <i>Indiana University Mathematics Journal</i> , 2020 , 69, 1155-1179	1.679	3
410	On the Singularities of the Planar Cubic Polynomial Differential Systems and the Euler Jacobi Formula. <i>Qualitative Theory of Dynamical Systems</i> , 2020 , 19, 1	0.8	2
409	Stable manifolds for difference equations with infinite delay. <i>Journal of Difference Equations and Applications</i> , 2020 , 26, 1266-1287	1	0

408	Integrability conditions of a weak saddle in generalized LiĀard-like complex polynomial differential systems. <i>Journal of Nonlinear Mathematical Physics</i> , 2020 , 27, 664-678	0.9	2
407	Reducibility sets for sequences of matrices. <i>Quaestiones Mathematicae</i> , 2020 , 1-15	0.6	
406	Robustness of Hyperbolicity in Delay Equations. <i>Journal of Dynamics and Differential Equations</i> , 2020 , 32, 1-22	1.3	2
405	Global dynamics of a virus model with invariant algebraic surfaces. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2020 , 69, 535-546	0.5	
404	On a conjecture on the integrability of LiĀard systems. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2020 , 69, 209-216	0.5	1
403	Global qualitative dynamics of the Brusselator system. <i>Mathematics and Computers in Simulation</i> , 2020 , 170, 107-114	3.3	0
402	Linear type global centers of linear systems with cubic homogeneous nonlinearities. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2020 , 69, 771-785	0.5	1
401	Regularity and Stability Sets for Families of Sequences of Matrices. <i>Journal of Dynamics and Differential Equations</i> , 2020 , 32, 1603-1630	1.3	0
400	Nonlinear oscillations in the modified Leslie-Gower model. <i>Nonlinear Analysis: Real World Applications</i> , 2020 , 51, 103010	2.1	3
399	The Liouvillian Integrability of Several Oscillators. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019 , 29, 1950069	2	4
398	Final evolutions for simplified multistrain/two-stream model for tuberculosis and dengue fever. <i>Chaos, Solitons and Fractals</i> , 2019 , 118, 181-186	9.3	1
397	New Symmetric Periodic Solutions for the Maxwell-Bloch Differential System. <i>Mathematical Physics Analysis and Geometry</i> , 2019 , 22, 1	0.8	1
396	Phase portraits of Abel quadratic differential systems of second kind with symmetries. <i>Dynamical Systems</i> , 2019 , 34, 301-333	0.6	
395	Algebraic approach to the classification of centers in trigonometric Cherkas systems. <i>Proceedings of the American Mathematical Society</i> , 2019 , 147, 2863-2875	0.8	
394	Liouvillian integrability of a general Rayleigh-Duffing oscillator. <i>Journal of Nonlinear Mathematical Physics</i> , 2019 , 26, 169	0.9	13
393	Periodic orbits of the planar anisotropic generalized Kepler problem. <i>Journal of Mathematical Physics</i> , 2019 , 60, 042901	1.2	2
392	Hyperbolicity via Evolution Semigroups on (L^p) . <i>Qualitative Theory of Dynamical Systems</i> , 2019 , 18, 887-908	0.8	0
391	Normal forms via nonuniform hyperbolicity. <i>Journal of Differential Equations</i> , 2019 , 266, 2175-2213	2.1	3

390	On the dynamics of the Rayleigh-Duffing oscillator. <i>Nonlinear Analysis: Real World Applications</i> , 2019 , 45, 309-319	2.1	15
389	General exponential dichotomies: from finite to infinite time. <i>Advances in Operator Theory</i> , 2019 , 4, 215-225	2	
388	Conjugacies and invariant manifolds via evolution semigroups. <i>Quaestiones Mathematicae</i> , 2019 , 42, 217-241	2	
387	Global C-integrability of quartic-linear polynomial differential systems. <i>Dynamical Systems</i> , 2019 , 34, 1-13	0.6	
386	Global dynamics of the integrable Armbruster-Guckenheimer-Kim galactic potential. <i>Astrophysics and Space Science</i> , 2019 , 364, 1	1.6	1
385	Integrability of reversible and equivariant quadratic polynomial differential systems in the plane. <i>Rocky Mountain Journal of Mathematics</i> , 2019 , 49,	1.4	1
384	On the global dynamics of the Newell-Whitehead system. <i>Journal of Nonlinear Mathematical Physics</i> , 2019 , 26, 569	0.9	7
383	Lyapunov regularity and triangularization for unbounded sequences. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2019 , 1-31	0.5	
382	Invariant algebraic surfaces and algebraic first integrals of the Maxwell-Bloch system. <i>Journal of Geometry and Physics</i> , 2019 , 146, 103516	1.2	4
381	Spectrum for compact operators on Banach spaces. <i>Journal of the Mathematical Society of Japan</i> , 2019 , 71,	1.1	1
380	On Centered Co-circular Central Configurations of the n-Body Problem. <i>Journal of Dynamics and Differential Equations</i> , 2019 , 31, 2053-2060	1.3	0
379	On the dynamics of the Szekeres system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019 , 383, 301-305	2.3	5
378	Two Limit Cycles in Liard Piecewise Linear Differential Systems. <i>Journal of Nonlinear Science</i> , 2019 , 29, 1499-1522	2.8	7
377	Liouvillian integrability of some quadratic Liard polynomial differential systems. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2019 , 68, 499-519	0.5	2
376	Periodic solutions of linear, Riccati, and Abel dynamic equations. <i>Journal of Mathematical Analysis and Applications</i> , 2019 , 470, 733-749	1.1	3
375	Phase portraits of Abel quadratic differential systems of the second kind. <i>Dynamical Systems</i> , 2018 , 33, 581-601	0.6	1
374	Global Phase Portraits of Quadratic Systems with a Complex Ellipse as Invariant Algebraic Curve. <i>Acta Mathematica Sinica, English Series</i> , 2018 , 34, 801-811	0.6	1
373	Limit cycles bifurcating from a zeroHopf singularity in arbitrary dimension. <i>Nonlinear Dynamics</i> , 2018 , 92, 1159-1166	5	4

372	On the Liouville integrability of Edelstein's reaction system in \mathbb{R}^3 . <i>Chaos, Solitons and Fractals</i> , 2018 , 108, 129-135	9.3	
371	On the Darboux integrability of the Hindmarsh-Rose burster. <i>Acta Mathematica Sinica, English Series</i> , 2018 , 34, 947-958	0.6	0
370	Polynomial Solutions of Equivariant Polynomial Abel Differential Equations. <i>Advanced Nonlinear Studies</i> , 2018 , 18, 537-542	1.2	2
369	Admissibility and Hyperbolicity. <i>SpringerBriefs in Mathematics</i> , 2018 ,	0.6	8
368	Spectral theory for invertible cocycles under nonuniform hyperbolicity. <i>Sao Paulo Journal of Mathematical Sciences</i> , 2018 , 12, 6-17	0.4	1
367	Algebraic travelling waves for the generalized Burgers-Fisher equation. <i>Quaestiones Mathematicae</i> , 2018 , 41, 903-916	0.6	2
366	On two notions of exponential dichotomy. <i>Dynamical Systems</i> , 2018 , 33, 708-721	0.6	1
365	Zero-Hopf Polynomial Centers of Third-Order Differential Equations. <i>Journal of Dynamics and Differential Equations</i> , 2018 , 30, 557-578	1.3	
364	Stable manifolds for perturbations of exponential dichotomies in mean. <i>Stochastics and Dynamics</i> , 2018 , 18, 1850022	0.8	1
363	On the integrability of Hamiltonian systems with d degrees of freedom and homogenous polynomial potential of degree n . <i>Communications in Contemporary Mathematics</i> , 2018 , 20, 1750045	1.1	2
362	On the Complete Integrability of the Raychaudhuri Differential System in (\mathbb{R}^4) and of a CRNT Model in (\mathbb{R}^5) . <i>Qualitative Theory of Dynamical Systems</i> , 2018 , 17, 291-307	0.8	
361	Polynomial Hamiltonian systems of degree 3 with symmetric nilpotent centers. <i>Mathematics and Computers in Simulation</i> , 2018 , 144, 60-77	3.3	7
360	The Cubic Polynomial Differential Systems with two Circles as Algebraic Limit Cycles. <i>Advanced Nonlinear Studies</i> , 2018 , 18, 183-193	1.2	1
359	Transformations preserving the Lyapunov exponents. <i>Communications in Contemporary Mathematics</i> , 2018 , 20, 1750027	1.1	5
358	LOWER BOUNDS ALONG STABLE MANIFOLDS. <i>Glasgow Mathematical Journal</i> , 2018 , 60, 527-537	0.4	
357	The generalized polynomial Moon-Band system. <i>Nonlinear Analysis: Real World Applications</i> , 2018 , 39, 411-417	2.1	3
356	Algebraic traveling waves for the generalized viscous Burgers equation. <i>Journal of Mathematical Analysis and Applications</i> , 2018 , 467, 768-783	1.1	3
355	Dynamics of the Higgins-Belkov and Selkov systems. <i>Chaos, Solitons and Fractals</i> , 2018 , 114, 145-150	9.3	7

354	Integrability Conditions for Complex Homogeneous Kukles Systems. <i>Journal of Nonlinear Mathematical Physics</i> , 2018 , 25, 387	0.9	1
353	Topological entropy of irregular sets. <i>Revista Matematica Iberoamericana</i> , 2018 , 34, 853-878	1.2	5
352	Tempered exponential behavior for a dynamics in upper triangular form. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2018 , 1-22	0.5	1
351	Phase portraits for some symmetric Riccati cubic polynomial differential equations. <i>Topology and Its Applications</i> , 2018 , 234, 220-237	0.4	2
350	Stable invariant manifolds for delay equations with piecewise constant argument. <i>Journal of Difference Equations and Applications</i> , 2018 , 24, 148-163	1	3
349	On the global dynamics of a finance model. <i>Chaos, Solitons and Fractals</i> , 2018 , 106, 1-4	9.3	5
348	Algebraic Traveling Wave Solutions, Darboux Polynomials and Polynomial Solutions. <i>Qualitative Theory of Dynamical Systems</i> , 2018 , 17, 429-439	0.8	
347	Global dynamics of the Buckingham two-body problem. <i>Astrophysics and Space Science</i> , 2018 , 363, 1	1.6	
346	Invariant Algebraic Surfaces and Hopf Bifurcation of a Finance Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850150	2	2
345	Global Phase Portraits for the Abel Quadratic Polynomial Differential Equations of the Second Kind With Z_2 -symmetries. <i>Canadian Mathematical Bulletin</i> , 2018 , 61, 149-165	0.6	3
344	Algebraic Limit Cycles on Quadratic Polynomial Differential Systems. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2018 , 61, 499-512	0.7	2
343	Simultaneity of centres in Z -equivariant systems. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018 , 474, 20170811	2.4	5
342	Strong nonuniform spectrum for arbitrary growth rates. <i>Communications in Contemporary Mathematics</i> , 2017 , 19, 1650008	1.1	2
341	Nonuniform Stability of Arbitrary Difference Equations. <i>Results in Mathematics</i> , 2017 , 71, 333-346	0.9	
340	Integrability conditions for complex kukles systems. <i>Dynamical Systems</i> , 2017 , 32, 211-220	0.6	2
339	Limit cycles for a variant of a generalized Riccati equation. <i>Applied Mathematics Letters</i> , 2017 , 68, 76-79	3.5	1
338	Algebraic traveling waves for the generalized Newell-Whitehead-Begel equation. <i>Nonlinear Analysis: Real World Applications</i> , 2017 , 36, 249-266	2.1	10
337	Nonuniform exponential dichotomies and Fredholm operators for flows. <i>Aequationes Mathematicae</i> , 2017 , 91, 301-316	0.7	1

- 336 NON-UNIFORM TRICHOTOMIES AND ARBITRARY GROWTH RATES. *Mathematika*, **2017**, 63, 518-537 0.6
- 335 Algebraic traveling waves for some family of reaction-diffusion equations including the Nagumo equations. *Nonlinear Differential Equations and Applications*, **2017**, 24, 1 0.8 1
- 334 Lyapunov type characterization of hyperbolic behavior. *Journal of Differential Equations*, **2017**, 263, 3147-3173 3
- 333 Center problem for trigonometric Liard systems. *Journal of Differential Equations*, **2017**, 263, 3928-3942.1 4
- 332 On the Bifurcation of Limit Cycles Due to Polynomial Perturbations of Hamiltonian Centers. *Mediterranean Journal of Mathematics*, **2017**, 14, 1 0.9 1
- 331 Bifurcation diagrams for Hamiltonian nilpotent centers of linear plus cubic homogeneous polynomial vector fields. *Journal of Differential Equations*, **2017**, 262, 5518-5533 2.1 10
- 330 On the Dynamics of a Model with Coexistence of Three Attractors: A Point, a Periodic Orbit and a Strange Attractor. *Mathematical Physics Analysis and Geometry*, **2017**, 20, 1 0.8 1
- 329 Complete characterization of algebraic traveling wave solutions for the Boussinesq, Klein-Gordon and Benjamin-Ono equations. *Chaos, Solitons and Fractals*, **2017**, 95, 148-151 9.3 4
- 328 Darboux polynomials, balances and Painlevé property. *Regular and Chaotic Dynamics*, **2017**, 22, 543-550 1.6 1
- 327 On the Darboux integrability of the logarithmic galactic potentials. *Journal of Geometry and Physics*, **2017**, 121, 279-287 1.2
- 326 Nonuniform spectrum on Banach spaces. *Advances in Mathematics*, **2017**, 321, 547-591 1.3 7
- 325 Lyapunov regularity via singular values. *Transactions of the American Mathematical Society*, **2017**, 369, 8409-8436 1 5
- 324 On the Darboux integrability of a three-dimensional forced-damped differential system. *Journal of Nonlinear Mathematical Physics*, **2017**, 24, 473 0.9 3
- 323 Nondegenerate centers for Abel polynomial differential equations of second kind. *Journal of Computational and Applied Mathematics*, **2017**, 321, 469-477 2.4 5
- 322 Nonuniform Spectrum on the Half Line and Perturbations. *Results in Mathematics*, **2017**, 72, 125-143 0.9 2
- 321 On the uniqueness of algebraic limit cycles for quadratic polynomial differential systems with two pairs of equilibrium points at infinity. *Geometriae Dedicata*, **2017**, 191, 37-52 0.5 2
- 320 One-sided dichotomies versus two-sided dichotomies: arbitrary growth rates. *Quaestiones Mathematicae*, **2017**, 40, 381-390 0.6
- 319 Proper rational and analytic first integrals for asymmetric 3-dimensional Lotka-Volterra systems. *Journal of Nonlinear Mathematical Physics*, **2017**, 24, 393 0.9 2

318	Admissibility on the half line for evolution families. <i>Journal DgAnalyse Mathematique</i> , 2017 , 132, 157-176	0.8	10
317	Nonuniform exponential dichotomies and Lyapunov functions. <i>Regular and Chaotic Dynamics</i> , 2017 , 22, 197-209	1.6	1
316	Stability of the Lyapunov exponents under perturbations. <i>Annals of Functional Analysis</i> , 2017 , 8, 398-410	0.8	2
315	Robustness of exponential behavior in Banach spaces. <i>Periodica Mathematica Hungarica</i> , 2017 , 75, 80-95	0.4	
314	Relations between regularity coefficients. <i>Mathematische Nachrichten</i> , 2017 , 290, 672-686	0.8	4
313	Lyapunov Exponents 2017 ,		6
312	Characterizations of Regularity 2017 , 137-165		
311	Conservation Laws in Biochemical Reaction Networks. <i>SIAM Journal on Applied Dynamical Systems</i> , 2017 , 16, 2213-2232	2.8	1
310	CENTERS FOR THE KUKLES HOMOGENEOUS SYSTEMS WITH EVEN DEGREE. <i>Journal of Applied Analysis and Computation</i> , 2017 , 7, 1534-1548	0.4	1
309	Strong and weak admissibility of \mathbb{R}^n spaces. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2017 , 1-22	0.5	
308	Linear Differential Equations 2017 , 71-88		
307	Lyapunov Functions and Cones 2017 , 223-236		
306	Generalized exponential behavior and topological equivalence. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2017 , 22, 3023-3042	1.3	
305	Lyapunov coefficient of regularity and nonuniform hyperbolicity. <i>Linear and Multilinear Algebra</i> , 2016 , 64, 1124-1144	0.7	3
304	On the robustness of nonuniform exponential trichotomies. <i>Bulletin Des Sciences Mathematiques</i> , 2016 , 140, 82-91	0.7	
303	Robustness for Stable Impulsive Equations via Quadratic Lyapunov Functions. <i>Milan Journal of Mathematics</i> , 2016 , 84, 63-89	1	2
302	Hyperbolic Sequences of Linear Operators and Evolution Maps. <i>Milan Journal of Mathematics</i> , 2016 , 84, 203-216	1	5
301	Liouvillian Integrability Versus Darboux Polynomials. <i>Qualitative Theory of Dynamical Systems</i> , 2016 , 15, 503-515	0.8	4

300	Characterization of Nonuniform Contractions and Expansions with Growth Rates. <i>Mediterranean Journal of Mathematics</i> , 2016 , 13, 4265-4279	0.9	2
299	Chaotic Behavior of a Generalized Sprott E Differential System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650083	2	1
298	On the Darboux integrability of a cubic CRN model in \mathbb{R}^5 . <i>Chaos, Solitons and Fractals</i> , 2016 , 82, 131-138	9.3	3
297	Tempered exponential dichotomies and Lyapunov exponents for perturbations. <i>Communications in Contemporary Mathematics</i> , 2016 , 18, 1550058	1.1	5
296	Nonuniform exponential stability and admissibility. <i>Linear and Multilinear Algebra</i> , 2016 , 64, 440-465	0.7	1
295	Integrability conditions of a resonant saddle in Liñard-like complex systems. <i>Chaos, Solitons and Fractals</i> , 2016 , 82, 139-141	9.3	9
294	Reduction of a dynamics and separated angles. <i>Dynamical Systems</i> , 2016 , 31, 329-346	0.6	
293	Irregular sets of two-sided Birkhoff averages and hyperbolic sets. <i>Arkiv for Matematik</i> , 2016 , 54, 13-30	0.2	4
292	Fredholm operators and nonuniform exponential dichotomies. <i>Chaos, Solitons and Fractals</i> , 2016 , 85, 120-127	9.3	1
291	Global dynamical aspects of a generalized Chen-Wang differential system. <i>Nonlinear Dynamics</i> , 2016 , 84, 1497-1516	5	1
290	Characterization of nonuniform exponential trichotomies for flows. <i>Journal of Mathematical Analysis and Applications</i> , 2016 , 434, 376-400	1.1	5
289	Analytic integrability of cubic-linear planar polynomial differential systems. <i>Journal of Differential Equations</i> , 2016 , 260, 1690-1716	2.1	2
288	Evolution families and nonuniform spectrum. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2016 , 1-13	0.5	3
287	Nonuniform hyperbolicity and one-sided admissibility. <i>Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni</i> , 2016 , 27, 235-247	0.7	2
286	Centers of weight-homogeneous polynomial vector fields on the plane. <i>Proceedings of the American Mathematical Society</i> , 2016 , 145, 2539-2555	0.8	2
285	Liouvillian first integrals for a class of generalized Liñard polynomial differential systems. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2016 , 146, 1195-1210	1	4
284	On the polynomial integrability of a system motivated by the Riemann ellipsoid problem. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2016 , 22, 872-882	1	
283	On the integrability of the 5-dimensional Lorenz system for the gravity-wave activity. <i>Proceedings of the American Mathematical Society</i> , 2016 , 145, 665-679	0.8	1

282	A version of a theorem of Pliss for non-uniform and non-invertible dichotomies. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2016 , 147, 225-243	1	1
281	Center problem in the center manifold for quadratic differential systems in R^3 . <i>Journal of Symbolic Computation</i> , 2016 , 73, 250-267	0.8	4
280	NONUNIFORM EXPONENTIAL BEHAVIOUR AND TOPOLOGICAL EQUIVALENCE. <i>Glasgow Mathematical Journal</i> , 2016 , 58, 279-291	0.4	
279	Tempered exponential dichotomies: admissibility and stability under perturbations. <i>Dynamical Systems</i> , 2016 , 31, 525-545	0.6	9
278	Darboux integrability of generalized Yang-Mills Hamiltonian system. <i>Journal of Nonlinear Mathematical Physics</i> , 2016 , 23, 234	0.9	6
277	Polynomial integrability of Hamiltonian systems with homogeneous potentials of degree k . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016 , 380, 3876-3880	2.3	0
276	Periodic motion in perturbed elliptic oscillators revisited. <i>Astrophysics and Space Science</i> , 2016 , 361, 1	1.6	
275	Admissibility and nonuniform exponential trichotomies. <i>Regular and Chaotic Dynamics</i> , 2015 , 20, 49-62	1.6	
274	Invariant algebraic surfaces for a virus dynamics. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2015 , 66, 1315-1328	1.6	5
273	The Co-circular Central Configurations of the (5)-Body Problem. <i>Journal of Dynamics and Differential Equations</i> , 2015 , 27, 55-67	1.3	5
272	On the integrability and the zero-Hopf bifurcation of a Chen-Wang differential system. <i>Nonlinear Dynamics</i> , 2015 , 80, 353-361	5	19
271	First integrals of Darboux type for a family of 3-dimensional Lotka-Volterra systems. <i>Bulletin Des Sciences Mathematiques</i> , 2015 , 139, 473-494	0.7	2
270	Analytic integrability of Hamiltonian systems with exceptional potentials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 2295-2299	2.3	2
269	The generalized Liard polynomial differential systems $x' = y$, $y' = -g(x)h(x)y$ with $\deg g = \deg h + 1$ are not Liouvillian integrable. <i>Bulletin Des Sciences Mathematiques</i> , 2015 , 139, 214-227	0.7	5
268	The Completely Integrable Differential Systems are Essentially Linear Differential Systems. <i>Journal of Nonlinear Science</i> , 2015 , 25, 815-826	2.8	8
267	Uniqueness and Non-uniqueness of Limit Cycles for Piecewise Linear Differential Systems with Three Zones and No Symmetry. <i>Journal of Nonlinear Science</i> , 2015 , 25, 861-887	2.8	25
266	Characterization of strong exponential dichotomies. <i>Bulletin of the Brazilian Mathematical Society</i> , 2015 , 46, 81-103	1.2	4
265	From one-sided dichotomies to two-sided dichotomies. <i>Discrete and Continuous Dynamical Systems</i> , 2015 , 35, 2817-2844	2	7

264	Stability of L 1 contractions \square <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2015 , 159, 23-46	0.7	
263	Centers for the Kukles homogeneous systems with odd degree. <i>Bulletin of the London Mathematical Society</i> , 2015 , 47, 315-324	0.9	9
262	Bifurcation diagrams for Hamiltonian linear type centers of linear plus cubic homogeneous polynomial vector fields. <i>Journal of Differential Equations</i> , 2015 , 258, 846-879	2.1	9
261	Center problem in the center manifold for quadratic and cubic differential systems in R^3 . <i>Applied Mathematics and Computation</i> , 2015 , 251, 180-191	2.7	6
260	Centers and isochronous centers for generalized quintic systems. <i>Journal of Computational and Applied Mathematics</i> , 2015 , 279, 173-186	2.4	4
259	On the integrability of a three-dimensional cored galactic Hamiltonian. <i>Applied Mathematics Letters</i> , 2015 , 41, 23-27	3.5	
258	Positive top Lyapunov exponent via invariant cones: Single trajectories. <i>Journal of Mathematical Analysis and Applications</i> , 2015 , 423, 480-496	1.1	4
257	On the quasi-periodic solutions of generalized Kaup systems. <i>Discrete and Continuous Dynamical Systems</i> , 2015 , 35, 467-482	2	2
256	Hopf bifurcation of a generalized MoonBand system. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 20, 1070-1077	3.7	1
255	Robustness of noninvertible dichotomies. <i>Journal of the Mathematical Society of Japan</i> , 2015 , 67,	1.1	2
254	Liouvillian First Integrals for Generalized Riccati Polynomial Differential Systems. <i>Advanced Nonlinear Studies</i> , 2015 , 15, 951-961	1.2	3
253	Integrability conditions of a resonant saddle perturbed with homogeneous quintic nonlinearities. <i>Nonlinear Dynamics</i> , 2015 , 81, 2021-2030	5	7
252	Exponential behavior in mean for cocycles. <i>Stochastics and Dynamics</i> , 2015 , 15, 1550029	0.8	
251	A Perron-type theorem for nonautonomous differential equations. <i>Journal of Differential Equations</i> , 2015 , 258, 339-361	2.1	7
250	Admissibility for exponential dichotomies in average. <i>Stochastics and Dynamics</i> , 2015 , 15, 1550014	0.8	2
249	Integrability and limit cycles of the MoonBand system. <i>International Journal of Non-Linear Mechanics</i> , 2015 , 69, 129-136	2.8	3
248	The three-dimensional center problem for the zero-Hopf singularity. <i>Discrete and Continuous Dynamical Systems</i> , 2015 , 36, 2027-2046	2	2
247	Analytic integrability of a class of planar polynomial differential systems. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2015 , 20, 2657-2661	1.3	1

246	On the analytic integrability of the Liñard analytic differential systems. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2015 , 21, 557-573	1.3	
245	Liouvilian and analytic integrability of the quadratic vector fields having an invariant ellipse. <i>Acta Mathematica Sinica, English Series</i> , 2014 , 30, 453-466	0.6	3
244	On the analytic integrability of the cored galactic Hamiltonian. <i>Applied Mathematics Letters</i> , 2014 , 33, 35-39	3.5	3
243	Robustness of a Weaker Notion of Exponential Dichotomy. <i>Integral Equations and Operator Theory</i> , 2014 , 79, 337-354	0.5	2
242	Periodic solutions of a galactic potential. <i>Chaos, Solitons and Fractals</i> , 2014 , 61, 38-43	9.3	9
241	Hamiltonian nilpotent centers of linear plus cubic homogeneous polynomial vector fields. <i>Advances in Mathematics</i> , 2014 , 259, 655-687	1.3	23
240	On the local analytic integrability for a generalized damped nonlinear oscillator equation. <i>Journal of Mathematical Physics</i> , 2014 , 55, 062901	1.2	
239	Nonuniform Dichotomies via Lyapunov Functions. <i>Milan Journal of Mathematics</i> , 2014 , 82, 243-271	1	
238	Center manifolds and optimal estimates. <i>Annali Di Matematica Pura Ed Applicata</i> , 2014 , 193, 457-472	0.8	
237	Exponential behavior in Banach spaces: robustness of trichotomies in discrete time. <i>Periodica Mathematica Hungarica</i> , 2014 , 68, 207-221	0.4	
236	Strong and weak(Lp,Lq)-admissibility. <i>Bulletin Des Sciences Mathematiques</i> , 2014 , 138, 721-741	0.7	13
235	Integrability of the HideSkeldonAcheson dynamo. <i>Bulletin Des Sciences Mathematiques</i> , 2014 , 138, 470-482	0.7	3
234	Qualitative analysis of the anisotropic two-body problem under Seeliger's potential. <i>Bulletin Des Sciences Mathematiques</i> , 2014 , 138, 742-755	0.7	
233	Integrability of the Rucklidge system. <i>Nonlinear Dynamics</i> , 2014 , 77, 1441-1453	5	8
232	Hamiltonian linear type centers of linear plus cubic homogeneous polynomial vector fields. <i>Journal of Differential Equations</i> , 2014 , 257, 1623-1661	2.1	17
231	Irregular sets are residual. <i>Tohoku Mathematical Journal</i> , 2014 , 66,	0.8	17
230	Nonuniform Hyperbolicity and Admissibility. <i>Advanced Nonlinear Studies</i> , 2014 , 14, 791-811	1.2	17
229	Robustness of dichotomies and trichotomies for difference equations. <i>Portugaliae Mathematica</i> , 2014 , 71, 277-300	0.4	2

228	Algebraic invariant curves and first integrals for Riccati polynomial differential systems. <i>Proceedings of the American Mathematical Society</i> , 2014 , 142, 3533-3543	0.8	3
227	Phase portraits of quadratic Lotka-Volterra systems with a Darboux invariant in the Poincaré disc. <i>Communications in Contemporary Mathematics</i> , 2014 , 16, 1350041	1.1	3
226	Exponential dichotomies with respect to a sequence of norms and admissibility. <i>International Journal of Mathematics</i> , 2014 , 25, 1450024	0.5	4
225	PARAMETER DEPENDENCE OF STABLE MANIFOLDS FOR IMPULSIVE EQUATIONS. <i>Analysis and Applications</i> , 2014 , 12, 131-160	2.5	
224	Centers for a class of generalized quintic polynomial differential systems. <i>Applied Mathematics and Computation</i> , 2014 , 242, 187-195	2.7	3
223	Robustness of exponential dichotomies in mean. <i>Stochastic Processes and Their Applications</i> , 2014 , 124, 4244-4265	1.1	1
222	Darboux integrability of 2-dimensional Hamiltonian systems with homogenous potentials of degree 3. <i>Journal of Mathematical Physics</i> , 2014 , 55, 033507	1.2	5
221	Non-zero Lyapunov exponents and Lyapunov's coefficient of regularity for flows. <i>Dynamical Systems</i> , 2014 , 29, 482-501	0.6	
220	Nonintegrability of a Halphen system. <i>Theoretical and Mathematical Physics (Russian Federation)</i> , 2014 , 181, 1383-1395	0.7	
219	Weierstrass integrability for a class of differential systems. <i>Journal of Nonlinear Mathematical Physics</i> , 2014 , 21, 294	0.9	
218	On the Darboux integrability of the Painlevé equations. <i>Journal of Nonlinear Mathematical Physics</i> , 2014 , 22, 60	0.9	2
217	A note on the Stefanescu conjecture. <i>Annali Di Matematica Pura Ed Applicata</i> , 2014 , 193, 1249-1254	0.8	
216	Irregular sets for ratios of Birkhoff averages are residual. <i>Publicacions Matemàtiques</i> , 2014 , EXTRA, 49-62	1.4	4
215	A Perron-type theorem for nonautonomous delay equations. <i>Open Mathematics</i> , 2013 , 11,	0.8	1
214	Lyapunov Functions for General Nonuniform Dichotomies. <i>Milan Journal of Mathematics</i> , 2013 , 81, 153-169		12
213	Stable Manifolds and Nonuniform Hyperbolicity: Optimal Estimates. <i>Mediterranean Journal of Mathematics</i> , 2013 , 10, 1369-1389	0.9	1
212	On the Darboux integrability of Blasius and Falkner-Bkan equation. <i>Computers and Fluids</i> , 2013 , 86, 71-76	2.8	2
211	Local analytic first integrals of planar analytic differential systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013 , 377, 1065-1069	2.3	2

210	Generalized Weierstrass integrability for the complex differential equations $dy/dx = a(x)y^4 + b(x)y^3 + c(x)y^2 + d(x)y + e(x)$. <i>Applied Mathematics Letters</i> , 2013 , 26, 836-841	3.5	1
209	Dimension Theory of Hyperbolic Flows. <i>Springer Monographs in Mathematics</i> , 2013 ,	1.3	4
208	Liouvillian Integrability of a Modified Michaelis-Menten Equation. <i>Journal of Nonlinear Mathematical Physics</i> , 2013 , 20, 1	0.9	
207	On the number of invariant conics for the polynomial vector fields defined on quadrics. <i>Bulletin Des Sciences Mathematiques</i> , 2013 , 137, 746-774	0.7	
206	On the polynomial integrability of the Hoyer systems. <i>Journal of Mathematical Analysis and Applications</i> , 2013 , 399, 411-417	1.1	2
205	Lyapunov functions for strong exponential dichotomies. <i>Journal of Mathematical Analysis and Applications</i> , 2013 , 399, 116-132	1.1	5
204	A Perron-type theorem for nonautonomous difference equations. <i>Nonlinearity</i> , 2013 , 26, 855-870	1.7	3
203	Darboux integrability of the Lié system. <i>Journal of Geometry and Physics</i> , 2013 , 63, 118-128	1.2	14
202	Limit cycles for a generalization of polynomial Liéard differential systems. <i>Chaos, Solitons and Fractals</i> , 2013 , 46, 65-74	9.3	8
201	Integrability in nonlinear biomathematical models. <i>Journal of Geometry and Physics</i> , 2013 , 66, 50-70	1.2	
200	ON THE NUMBER OF LIMIT CYCLES FOR A GENERALIZATION OF LIÉARD POLYNOMIAL DIFFERENTIAL SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013 , 23, 1350048	2	4
199	On the nonintegrability of magnetic field lines. <i>Physica D: Nonlinear Phenomena</i> , 2013 , 251, 60-62	3.3	2
198	Qualitative study of a charged restricted three-body problem. <i>Journal of Differential Equations</i> , 2013 , 255, 326-338	2.1	4
197	Lyapunov functions for strong exponential contractions. <i>Journal of Differential Equations</i> , 2013 , 255, 449-468	2.1	5
196	Topological conjugacies and behavior at infinity. <i>Communications on Pure and Applied Analysis</i> , 2013 , 13, 687-701	1.9	
195	Generalized Weierstrass Integrability of the Abel Differential Equations. <i>Mediterranean Journal of Mathematics</i> , 2013 , 10, 1749-1760	0.9	5
194	Qualitative analysis of the anisotropic two-body problem with relativistic potential. <i>Journal of Mathematical Physics</i> , 2013 , 54, 062701	1.2	
193	On the exponential behaviour of non-autonomous difference equations. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2013 , 56, 643-656	0.7	

- 192 Darboux integrability of a generalized Friedmann-Robertson-Walker Hamiltonian system. *Journal of Nonlinear Mathematical Physics*, **2013**, 20, 394 0.9 3
- 191 LIOUVILLIAN INTEGRABILITY OF A DETERMINISTIC BUSINESS CYCLE MODEL. *Analysis and Applications*, **2013**, 11, 1350032 2.5
- 190 Liouvillian First Integrals for Generalized Liðard Polynomial Differential Systems. *Advanced Nonlinear Studies*, **2013**, 13, 825-835 1.2 14
- 189 Dimension Spectra. *Springer Monographs in Mathematics*, **2013**, 139-149 1.3
- 188 Stability of nonautonomous equations and Lyapunov functions. *Discrete and Continuous Dynamical Systems*, **2013**, 33, 2631-2650 2
- 187 Admissibility versus nonuniform exponential behavior for noninvertible cocycles. *Discrete and Continuous Dynamical Systems*, **2013**, 33, 1297-1311 2 1
- 186 Conjugacies between general contractions. *Linear Algebra and Its Applications*, **2012**, 436, 3087-3098 0.9
- 185 Bifurcation of limit cycles from a 4-dimensional center in \mathbb{R}^m in resonance 1:N. *Journal of Mathematical Analysis and Applications*, **2012**, 389, 754-768 1.1 11
- 184 Parameter Dependence of Stable Manifolds for Delay Equations with Polynomial Dichotomies. *Journal of Dynamics and Differential Equations*, **2012**, 24, 101-118 1.3 4
- 183 Frequencies of digits under trigonometric perturbations. *Monatshefte Fur Mathematik*, **2012**, 167, 357-374 1.3 4
- 182 Qualitative analysis of the anisotropic two-body problem with generalized Lennard-Jones potential. *Journal of Mathematical Chemistry*, **2012**, 50, 2671-2688 2.1 3
- 181 Liouvillian and analytic integrability in a modified Philips model. *Chaos, Solitons and Fractals*, **2012**, 45, 1573-1578 9.3
- 180 PERIODIC ORBITS NEAR EQUILIBRIA VIA AVERAGING THEORY OF SECOND ORDER. *Mathematical Modelling and Analysis*, **2012**, 17, 715-731 1.3
- 179 Noninvertible cocycles: Robustness of exponential dichotomies. *Discrete and Continuous Dynamical Systems*, **2012**, 32, 4111-4131 2 5
- 178 On the number of limit cycles of a class of polynomial differential systems. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, **2012**, 468, 2347-2360 2.4 8
- 177 Limit cycles from a four-dimensional centre in \mathbb{R}^m in resonance $p : q$. *Dynamical Systems*, **2012**, 27, 459-476 1.3 1
- 176 On the polynomial integrability of Kirchoff equations. *Physica D: Nonlinear Phenomena*, **2012**, 241, 1417-1420 3.1 3
- 175 Stable manifolds for delay equations and parameter dependence. *Nonlinear Analysis: Theory, Methods & Applications*, **2012**, 75, 5824-5835 1.3 2

174	Nonautonomous equations with arbitrary growth rates: A Perron-type theorem. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2012 , 75, 6203-6215	1.3	3
173	First integrals for a charged particle moving on a plane under the action of a magnetic field orthogonal to this plane. <i>International Journal of Non-Linear Mechanics</i> , 2012 , 47, 965-967	2.8	
172	Analytic integrability of a modified Michaelis-Menten equation. <i>Journal of Dynamical and Control Systems</i> , 2012 , 18, 297-307	1.1	
171	Lyapunov Functions and Cone Families. <i>Journal of Statistical Physics</i> , 2012 , 148, 137-163	1.5	8
170	Nonautonomous difference equations and a Perron-type theorem. <i>Bulletin Des Sciences Mathematiques</i> , 2012 , 136, 277-290	0.7	2
169	Rational integrability of a nonlinear finance system. <i>Chaos, Solitons and Fractals</i> , 2012 , 45, 141-146	9.3	5
168	Conjugacies for impulsive equations. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2012 , 55, 65-78	0.7	
167	A note on the first integrals of the ABC system. <i>Journal of Mathematical Physics</i> , 2012 , 53, 023505	1.2	2
166	Analytic non-integrability of the Suslov problem. <i>Journal of Mathematical Physics</i> , 2012 , 53, 122901	1.2	3
165	POLYNOMIAL FIRST INTEGRALS FOR THE CHEN AND LI SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012 , 22, 1250262	2	10
164	Hausdorff Dimension and Nonlinear Relations Between Frequencies of Digits. <i>Open Systems and Information Dynamics</i> , 2012 , 19, 1250018	0.4	
163	On the Integrability of a Muthuswamy-Chua System. <i>Journal of Nonlinear Mathematical Physics</i> , 2012 , 19, 477	0.9	6
162	Liouvillian and Analytic First Integrals for the Brusselator System. <i>Journal of Nonlinear Mathematical Physics</i> , 2012 , 19, 247	0.9	6
161	Darboux Integrability of a Simplified Friedman-Robertson-Walker Hamiltonian System. <i>Journal of Nonlinear Mathematical Physics</i> , 2012 , 19, 607	0.9	
160	Stable manifolds with optimal regularity for difference equations. <i>Discrete and Continuous Dynamical Systems</i> , 2012 , 32, 1537-1555	2	1
159	Smooth robustness of exponential dichotomies. <i>Proceedings of the American Mathematical Society</i> , 2011 , 139, 999-999	0.8	6
158	Center Manifolds Optimal Regularity for Nonuniformly Hyperbolic Dynamics. <i>Sao Paulo Journal of Mathematical Sciences</i> , 2011 , 5, 1	0.4	6
157	Smooth Dependence of Topological Conjugacies on Parameters. <i>Advanced Nonlinear Studies</i> , 2011 , 11, 429-441	1.2	

156	A simple proof of the Grobman-Hartman theorem for nonuniformly hyperbolic flows. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2011 , 74, 7210-7225	1.3	7
155	Polynomial integrability of the Hamiltonian systems with homogeneous potential of degree \mathbb{B} . <i>Physica D: Nonlinear Phenomena</i> , 2011 , 240, 1928-1935	3.3	6
154	Darboux integrability of a nonlinear financial system. <i>Applied Mathematics and Computation</i> , 2011 , 218, 3297-3302	2.7	5
153	On the . <i>Computers and Mathematics With Applications</i> , 2011 , 62, 2342-2348	2.7	0
152	Reversibility of Conjugacies for Nonautonomous Equations. <i>Integral Equations and Operator Theory</i> , 2011 , 71, 303-310	0.5	
151	Polynomial, rational and analytic first integrals for a family of 3-dimensional Lotka-Volterra systems. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2011 , 62, 761-777	1.6	27
150	Lyapunov functions versus exponential contractions. <i>Mathematische Zeitschrift</i> , 2011 , 268, 187-196	0.7	1
149	Invariant Algebraic Surfaces for Generalized Raychaudhuri Equations. <i>Communications in Mathematical Physics</i> , 2011 , 308, 133-146	2	14
148	Robust nonuniform dichotomies and parameter dependence. <i>Journal of Mathematical Analysis and Applications</i> , 2011 , 373, 690-708	1.1	9
147	Center manifolds under nonuniform hyperbolicity \square maximal regularity. <i>Journal of Mathematical Analysis and Applications</i> , 2011 , 380, 33-45	1.1	1
146	Center manifolds depending on a parameter. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2011 , 74, 4974-4988	1.3	
145	Nonuniform exponential dichotomies and admissibility. <i>Discrete and Continuous Dynamical Systems</i> , 2011 , 30, 39-53	2	19
144	Integrability of a nuclear spin generator. <i>Bulletin Des Sciences Mathematiques</i> , 2011 , 135, 435-441	0.7	1
143	Classification of the centers and their isochronicity for a class of polynomial differential systems of arbitrary degree. <i>Advances in Mathematics</i> , 2011 , 227, 472-493	1.3	10
142	Integrability of the Nosé-Hoover equation. <i>Journal of Geometry and Physics</i> , 2011 , 61, 1348-1352	1.2	9
141	Center manifolds for impulsive equations under nonuniform hyperbolicity. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2011 , 74, 1616-1627	1.3	2
140	Liouvillian first integrals of quadratic-linear polynomial differential systems. <i>Journal of Mathematical Analysis and Applications</i> , 2011 , 379, 188-199	1.1	5
139	Polynomial integrability of the Hamiltonian systems with homogeneous potential of degree \mathbb{A} . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011 , 375, 1845-1849	2.3	6

138	Darbouxian integrals for generalized Raychaudhuri equations. <i>Journal of Mathematical Physics</i> , 2011 , 52, 032703	1.2	5
137	Invariant algebraic surfaces for the reduced three-wave interaction system. <i>Journal of Mathematical Physics</i> , 2011 , 52, 122702	1.2	3
136	Analytic integrability of Hamiltonian systems with a homogeneous polynomial potential of degree 4. <i>Journal of Mathematical Physics</i> , 2011 , 52, 012702	1.2	10
135	Analytic first integrals for generalized Raychaudhuri equations. <i>Journal of Mathematical Physics</i> , 2011 , 52, 103502	1.2	2
134	Analytic integrability of quadratic-linear polynomial differential systems. <i>Ergodic Theory and Dynamical Systems</i> , 2011 , 31, 245-258	0.9	8
133	On the C1 non-integrability of differential systems via periodic orbits. <i>European Journal of Applied Mathematics</i> , 2011 , 22, 381-391	1	6
132	Robustness of nonuniform dichotomies with different growth rates. <i>Sao Paulo Journal of Mathematical Sciences</i> , 2011 , 5, 203	0.4	7
131	Regularity of center manifolds under nonuniform hyperbolicity. <i>Discrete and Continuous Dynamical Systems</i> , 2011 , 30, 55-76	2	1
130	Hopf bifurcation for some analytic differential systems in \mathbb{R}^3 via averaging theory. <i>Discrete and Continuous Dynamical Systems</i> , 2011 , 30, 779-790	2	10
129	Parameter dependence of stable manifolds for difference equations. <i>Nonlinearity</i> , 2010 , 23, 341-367	1.7	4
128	The Bianchi VIII model is neither global analytic nor Darboux integrable. <i>Journal of Mathematical Physics</i> , 2010 , 51, 092702	1.2	5
127	Centre manifold variety for eight-parameter families of polynomial vector fields of arbitrary degree. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2010 , 53, 511-530	0.7	
126	ALMOST ADDITIVE THERMODYNAMIC FORMALISM: SOME RECENT DEVELOPMENTS. <i>Reviews in Mathematical Physics</i> , 2010 , 22, 1147-1179	1.2	16
125	ON THE ANISOTROPIC POTENTIALS OF MANEB-SCHWARZSCHILD TYPE. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010 , 20, 1233-1243	2	4
124	On a degenerate Hopf bifurcation. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010 , 43, 285201	2	
123	Nonuniform Stability of Difference Equations with Infinite Delay. <i>Advanced Nonlinear Studies</i> , 2010 , 10, 121-129	1.2	
122	On the Integrability of a Tritrophic Food Chain Model. <i>Advanced Nonlinear Studies</i> , 2010 , 10, 331-355	1.2	
121	On the local analytic integrability at the singular point of a class of Liouville analytic differential systems. <i>Proceedings of the American Mathematical Society</i> , 2010 , 138, 253-261	0.8	13

120	Liouvillian first integrals for Liñard polynomial differential systems. <i>Proceedings of the American Mathematical Society</i> , 2010 , 138, 3229-3229	0.8	15
119	Stability Theory of General Contractions for Delay Equations. <i>Integral Equations and Operator Theory</i> , 2010 , 68, 413-426	0.5	
118	Analytical integrability of the Rikitake system. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2010 , 61, 627-634	1.6	1
117	Center manifolds for difference equations—smooth parameter dependence. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 73, 725-749	1.3	2
116	Stable Manifolds for Impulsive Equations Under Nonuniform Hyperbolicity. <i>Journal of Dynamics and Differential Equations</i> , 2010 , 22, 761-785	1.3	9
115	Centers and Isochronous Centers for Two Classes of Generalized Seventh and Ninth Systems. <i>Journal of Dynamics and Differential Equations</i> , 2010 , 22, 657-675	1.3	7
114	Dependence of Topological Conjugacies on Parameters. <i>Journal of Dynamics and Differential Equations</i> , 2010 , 22, 787-803	1.3	1
113	Invariant Manifolds for Impulsive Equations and Nonuniform Polynomial Dichotomies. <i>Journal of Statistical Physics</i> , 2010 , 141, 179-200	1.5	8
112	Lyapunov functions for trichotomies with growth rates. <i>Journal of Differential Equations</i> , 2010 , 248, 151-183	1.83	6
111	Admissibility for nonuniform exponential contractions. <i>Journal of Differential Equations</i> , 2010 , 249, 2889-2904	19	
110	Smooth robustness of parameterized perturbations of exponential dichotomies. <i>Journal of Differential Equations</i> , 2010 , 249, 2021-2043	2.1	6
109	Lyapunov regularity of impulsive differential equations. <i>Journal of Differential Equations</i> , 2010 , 249, 1596-1619	13	
108	Stability of delay equations via Lyapunov functions. <i>Journal of Mathematical Analysis and Applications</i> , 2010 , 365, 797-805	1.1	3
107	The Michelson system is neither global analytic, nor Darboux integrable. <i>Physica D: Nonlinear Phenomena</i> , 2010 , 239, 414-419	3.3	4
106	Nonintegrability of a class of the Bianchi V I0 and V II0 models. <i>Journal of Geometry and Physics</i> , 2010 , 60, 815-822	1.2	2
105	Liouvillian integrability of the FitzHugh–Nagumo systems. <i>Journal of Geometry and Physics</i> , 2010 , 60, 1974-1983	1.2	6
104	Lyapunov sequences for exponential trichotomies. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 192-203	1.3	5
103	Stability of dichotomies in difference equations with infinite delay. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 881-893	1.3	2

102	Smooth stable invariant manifolds and arbitrary growth rates. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 2444-2456	1.3	2
101	Robustness for impulsive equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 72, 2542-2563		9
100	Polynomial contractions and Lyapunov regularity. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010 , 73, 202-210	1.3	
99	Optimal regularity of robustness for parameterized perturbations. <i>Bulletin Des Sciences Mathematiques</i> , 2010 , 134, 767-785	0.7	3
98	Quadratic Lyapunov sequences and arbitrary growth rates. <i>Discrete and Continuous Dynamical Systems</i> , 2010 , 26, 63-74	2	3
97	Global Analytic First Integrals for the Simplified Multistrain/Two-Stream Model for Tuberculosis and Dengue Fever. <i>Journal of Nonlinear Mathematical Physics</i> , 2009 , 16, 505	0.9	4
96	Dimension spectra of almost additive sequences. <i>Nonlinearity</i> , 2009 , 22, 2761-2773	1.7	8
95	Stability of some solutions for elliptic equations on a cylindrical domain. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2009 , 465, 2647-2662	2.4	1
94	Classification of the centers, their cyclicity and isochronicity for the generalized quadratic polynomial differential systems. <i>Journal of Mathematical Analysis and Applications</i> , 2009 , 357, 427-437	1.1	14
93	Parameter dependence of stable manifolds under nonuniform hyperbolicity. <i>Journal of Mathematical Analysis and Applications</i> , 2009 , 358, 419-426	1.1	7
92	Dimension Spectra of Hyperbolic Flows. <i>Journal of Statistical Physics</i> , 2009 , 136, 505-525	1.5	3
91	Robustness of Discrete Dynamics via Lyapunov Sequences. <i>Communications in Mathematical Physics</i> , 2009 , 290, 219-238	2	6
90	Classification of the centers, of their cyclicity and isochronicity for two classes of generalized quintic polynomial differential systems. <i>Nonlinear Differential Equations and Applications</i> , 2009 , 16, 657-679	0.8	12
89	Analytic first integrals of the FitzHugh Nagumo systems. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2009 , 60, 237-245	1.6	6
88	Polynomial growth rates. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009 , 71, 5208-5219	1.3	31
87	Existence of nonuniform exponential dichotomies and a Fredholm alternative. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009 , 71, 5220-5228	1.3	3
86	Stability of some waves in the dissipative Boussinesq system. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009 , 71, 6084-6092	1.3	1
85	Quadratic Lyapunov functions and nonuniform exponential dichotomies. <i>Journal of Differential Equations</i> , 2009 , 246, 1235-1263	2.1	11

84	Lyapunov sequences for exponential dichotomies. <i>Journal of Differential Equations</i> , 2009 , 246, 183-215	2.1	22
83	Nonuniform behavior and robustness. <i>Journal of Differential Equations</i> , 2009 , 246, 3579-3608	2.1	12
82	Robustness via Lyapunov functions. <i>Journal of Differential Equations</i> , 2009 , 246, 2891-2907	2.1	5
81	Classification of the centers, their cyclicity and isochronicity for a class of polynomial differential systems generalizing the linear systems with cubic homogeneous nonlinearities. <i>Journal of Differential Equations</i> , 2009 , 246, 2192-2204	2.1	22
80	Nonuniform exponential contractions and Lyapunov sequences. <i>Journal of Differential Equations</i> , 2009 , 246, 4743-4771	2.1	7
79	Center manifolds for infinite delay. <i>Journal of Differential Equations</i> , 2009 , 247, 1297-1310	2.1	5
78	Robustness of general dichotomies. <i>Journal of Functional Analysis</i> , 2009 , 257, 464-484	1.4	14
77	Stable invariant manifolds for parabolic dynamics. <i>Journal of Functional Analysis</i> , 2009 , 257, 1018-1029	1.4	7
76	A Grobman-Hartman theorem for general nonuniform exponential dichotomies. <i>Journal of Functional Analysis</i> , 2009 , 257, 1976-1993	1.4	4
75	Robustness of nonuniform exponential trichotomies in Banach spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2009 , 351, 373-381	1.1	13
74	Classification of the centers and isochronous centers for a class of quartic-like systems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2009 , 71, 3119-3128	1.3	12
73	Centers for polynomial vector fields of arbitrary degree. <i>Communications on Pure and Applied Analysis</i> , 2009 , 8, 725-742	1.9	2
72	New arbitrary-parameter families of centres for polynomial vector fields of arbitrary degree. <i>Dynamical Systems</i> , 2008 , 23, 163-166	0.6	
71	Integral stable manifolds in Banach spaces. <i>Journal of the London Mathematical Society</i> , 2008 , 77, 443-464.7		2
70	Conjugacies between linear and nonlinear non-uniform contractions. <i>Ergodic Theory and Dynamical Systems</i> , 2008 , 28, 1-19	0.9	3
69	Optimal estimates along stable manifolds of non-uniformly hyperbolic dynamics. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2008 , 138, 693-717	1	3
68	Stability of Nonautonomous Differential Equations. <i>Lecture Notes in Mathematics</i> , 2008 ,	0.4	75
67	Darboux integrability and algebraic invariant surfaces for the Rikitake system. <i>Journal of Mathematical Physics</i> , 2008 , 49, 032702	1.2	10

66	Analytic integrability of a Chua system. <i>Journal of Mathematical Physics</i> , 2008 , 49, 102701	1.2	3
65	Asymptotic behavior of distribution of frequencies of digits. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2008 , 145, 177-195	0.7	1
64	On the Global Analytic Integrability of the Belousov-Zhabotinskii System. <i>Advanced Nonlinear Studies</i> , 2008 , 8, 871-882	1.2	1
63	Integrability of a SIS model. <i>Journal of Mathematical Analysis and Applications</i> , 2008 , 344, 574-578	1.1	2
62	Global analytic integrability of the Rabinovich system. <i>Journal of Geometry and Physics</i> , 2008 , 58, 1762-1771	1.2	4
61	Regularity of Invariant Manifolds for Nonuniformly Hyperbolic Dynamics. <i>Journal of Dynamics and Differential Equations</i> , 2008 , 20, 281-299	1.3	2
60	Existence of quasiperiodic solutions for the second-order approximation Boussinesq system. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2008 , 69, 3734-3748	1.3	
59	Robustness of nonuniform exponential dichotomies in Banach spaces. <i>Journal of Differential Equations</i> , 2008 , 244, 2407-2447	2.1	43
58	Analytic invariant manifolds for sequences of diffeomorphisms. <i>Journal of Differential Equations</i> , 2008 , 245, 80-101	2.1	
57	Centers for a 6-parameter family of polynomial vector fields of arbitrary degree. <i>Bulletin Des Sciences Mathematiques</i> , 2008 , 132, 40-53	0.7	
56	Bifurcation of limit cycles and integrability conditions for 6-parameter families of polynomial vector fields of arbitrary degree. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2008 , 69, 256-275	1.3	
55	Characterization of stable manifolds for nonuniform exponential dichotomies. <i>Discrete and Continuous Dynamical Systems</i> , 2008 , 21, 1025-1046	2	3
54	Growth rates and nonuniform hyperbolicity. <i>Discrete and Continuous Dynamical Systems</i> , 2008 , 22, 509-528		18
53	Reversibility and equivariance in center manifolds of nonautonomous dynamics. <i>Discrete and Continuous Dynamical Systems</i> , 2007 , 18, 677-699	2	9
52	Stability theory and Lyapunov regularity. <i>Journal of Differential Equations</i> , 2007 , 232, 675-701	2.1	44
51	Stability in delay difference equations with nonuniform exponential behavior. <i>Journal of Differential Equations</i> , 2007 , 238, 470-490	2.1	10
50	Smooth center manifolds for nonuniformly partially hyperbolic trajectories. <i>Journal of Differential Equations</i> , 2007 , 237, 307-342	2.1	11
49	Conjugacies for linear and nonlinear perturbations of nonuniform behavior. <i>Journal of Functional Analysis</i> , 2007 , 253, 324-358	1.4	16

48	On the integrability of the Einstein-Yang-Mills equations. <i>Journal of Mathematical Analysis and Applications</i> , 2007 , 336, 1203-1230	1.1	13
47	FORMAL AND ANALYTIC INTEGRABILITY OF THE ROSSLER SYSTEM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007 , 17, 3289-3293	2	9
46	Global analytic first integrals for the real planar Lotka-Volterra system. <i>Journal of Mathematical Physics</i> , 2007 , 48, 033507	1.2	22
45	Stability in Nonautonomous Dynamics: A Survey of Recent Results. <i>Sao Paulo Journal of Mathematical Sciences</i> , 2007 , 1, 133	0.4	3
44	Hölder Grobman-Hartman linearization. <i>Discrete and Continuous Dynamical Systems</i> , 2007 , 18, 187-197	2	13
43	Nonuniform Hyperbolicity: Dynamics of Systems with Nonzero Lyapunov Exponents 2007 ,		200
42	Quasiperiodic Solutions for Dissipative Boussinesq Systems. <i>Communications in Mathematical Physics</i> , 2006 , 265, 305-331	2	11
41	Multifractal Structure of Two-Dimensional Horseshoes. <i>Communications in Mathematical Physics</i> , 2006 , 266, 455-470	2	17
40	Center manifolds for non-uniformly partially hyperbolic trajectories. <i>Ergodic Theory and Dynamical Systems</i> , 2006 , 26, 1707	0.9	4
39	Formal and analytical integrability of the Bianchi IX system. <i>Journal of Mathematical Physics</i> , 2006 , 47, 022704	1.2	12
38	Smooth Ergodic Theory and Nonuniformly Hyperbolic Dynamics. <i>Handbook of Dynamical Systems</i> , 2006 , 57-263		25
37	Analytic first integrals of the Halphen system. <i>Journal of Geometry and Physics</i> , 2006 , 56, 1192-1197	1.2	2
36	On the non-integrability of a generalized Darboux Halphen system. <i>Journal of Geometry and Physics</i> , 2006 , 57, 89-100	1.2	2
35	Hölder conjugacies for random dynamical systems. <i>Physica D: Nonlinear Phenomena</i> , 2006 , 223, 256-269	3.3	2
34	Stable manifolds for nonautonomous equations without exponential dichotomy. <i>Journal of Differential Equations</i> , 2006 , 221, 58-90	2.1	33
33	A Grobman-Hartman theorem for nonuniformly hyperbolic dynamics. <i>Journal of Differential Equations</i> , 2006 , 228, 285-310	2.1	34
32	Smooth invariant manifolds in Banach spaces with nonuniform exponential dichotomy. <i>Journal of Functional Analysis</i> , 2006 , 238, 118-148	1.4	7
31	Nonuniform Exponential Dichotomies and Lyapunov Regularity. <i>Journal of Dynamics and Differential Equations</i> , 2006 , 19, 215-241	1.3	18

30	Nonadditive thermodynamic formalism: Equilibrium and Gibbs measures. <i>Discrete and Continuous Dynamical Systems</i> , 2006 , 16, 279-305	2	45
29	Existence of quasi-periodic solutions for elliptic equations on a cylindrical domain. <i>Commentarii Mathematici Helvetici</i> , 2006 , 783-800	0.6	7
28	Lyapunov exponents for continuous transformations and dimension theory. <i>Discrete and Continuous Dynamical Systems</i> , 2005 , 13, 469-490	2	13
27	The Boussinesq system:dynamics on the center manifold. <i>Communications on Pure and Applied Analysis</i> , 2005 , 4, 839-860	1.9	5
26	Center manifolds for nonuniformly partially hyperbolic diffeomorphisms. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2005 , 84, 1693-1715	1.7	13
25	Stability of nonautonomous differential equations in Hilbert spaces. <i>Journal of Differential Equations</i> , 2005 , 217, 204-248	2.1	18
24	Smoothness of Invariant Manifolds for Nonautonomous Equations. <i>Communications in Mathematical Physics</i> , 2005 , 259, 639-677	2	19
23	Higher regularity of invariant manifolds for nonautonomous equations. <i>Nonlinearity</i> , 2005 , 18, 2373-2390.	0.7	5
22	Formal and analytic first integrals of the Einstein-Yang-Mills equations. <i>Journal of Physics A</i> , 2005 , 38, 8155-8168		10
21	Formal and analytic integrability of the Lorenz system. <i>Journal of Physics A</i> , 2005 , 38, 2681-2686		12
20	Integrability of the Bianchi IX system. <i>Journal of Mathematical Physics</i> , 2005 , 46, 072901	1.2	24
19	Rikitake system: analytic and Darbouxian integrals. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2005 , 135, 1309-1326	1	19
18	Approximation of ill-posed boussinesq equations. <i>Dynamical Systems</i> , 2004 , 19, 345-357	0.6	1
17	Higher-dimensional multifractal analysis. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2002 , 81, 67-91.	1.7	79
16	The global flow of the quasihomogeneous potentials of Manev-Schwarzschild type. <i>Physica D: Nonlinear Phenomena</i> , 2001 , 157, 16-39	3.3	2
15	Phase portraits of the two-body problem with Manev potential. <i>Journal of Physics A</i> , 2001 , 34, 1919-1934		12
14	A formal approximation of the splitting of separatrices in the classical Arnold's example of diffusion with two equal parameters. <i>Nonlinearity</i> , 2001 , 14, 1707-1760	1.7	30
13	Lyapunov Exponents and Smooth Ergodic Theory. <i>University Lecture Series</i> , 2001 ,	1.5	61

12	Sets of Non-typical points have full topological entropy and full Hausdorff dimension. <i>Israel Journal of Mathematics</i> , 2000 , 116, 29-70	0.8	208
11	Regularity of Normal Forms on Parameters. <i>Milan Journal of Mathematics</i> ,1	1	
10	Admissibility via Evolution Semigroups. <i>Journal of Dynamics and Differential Equations</i> ,1	1.3	0
9	Global Dynamics of a System Coming from the Study of a Static Star. <i>Differential Equations and Dynamical Systems</i> ,1	0.8	
8	The Markus-Yamabe Conjecture for Discontinuous Piecewise Linear Differential Systems in \mathbb{R}^n Separated by a Conic $\times \mathbb{R}^{n-2}$. <i>Journal of Dynamics and Differential Equations</i> ,1	1.3	
7	Limit cycles of piecewise differential systems with linear Hamiltonian saddles and linear centers. <i>Dynamical Systems</i> ,1-0	0.6	
6	A weight-homogenous condition to the real Jacobian conjecture in. <i>Proceedings of the Edinburgh Mathematical Society</i> ,1-9	0.7	1
5	Twin Polynomial Vector Fields of Arbitrary Degree. <i>Bulletin of the Brazilian Mathematical Society</i> ,1	1.2	
4	Normal Forms for Equivariant Differential Equations. <i>Journal of Dynamics and Differential Equations</i> ,1	1.3	0
3	Phase Portraits of Uniform Isochronous Centers with Homogeneous Nonlinearities. <i>Journal of Dynamical and Control Systems</i> ,1	1.1	0
2	A Generalization of the Poincaré Compactification and the Real Jacobian Conjecture. <i>Journal of Dynamics and Differential Equations</i> ,1	1.3	
1	The improved Euler-Jacobi formula and the planar cubic polynomial vector fields in \mathbb{R}^2 . <i>Dynamical Systems</i> ,1-0	0.6	0