

# Michal Feckan

## List of Publications by Year in Descending Order

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

283  
papers

2,763  
citations

25  
h-index

42  
g-index

317  
ext. papers

3,326  
ext. citations

1.5  
avg, IF

6.07  
L-index

#	Paper	IF	Citations
283	Constant vorticity atmospheric Ekman flows in the $f$ - $f$ -plane approximation. <i>Discrete and Continuous Dynamical Systems - Series B</i> , <b>2022</b> ,	1.3	
282	On the Stability of Linear Quaternion-Valued Differential Equations. <i>Qualitative Theory of Dynamical Systems</i> , <b>2022</b> , 21, 1	0.8	2
281	Exact solution and instability for geophysical edge waves. <i>Communications on Pure and Applied Analysis</i> , <b>2022</b> ,	1.9	1
280	$g$ -Expectation for Conformable Backward Stochastic Differential Equations. <i>Axioms</i> , <b>2022</b> , 11, 75	1.6	1
279	Synchronization of Fractional Stochastic Chaotic Systems via Mittag-Leffler Function. <i>Fractal and Fractional</i> , <b>2022</b> , 6, 192	3	0
278	Controllability Results for First Order Linear Fuzzy Differential Systems. <i>Mathematics</i> , <b>2022</b> , 10, 1193	2.3	0
277	Exact Solvability Conditions for the Non-Local Initial Value Problem for Systems of Linear Fractional Functional Differential Equations. <i>Mathematics</i> , <b>2022</b> , 10, 1759	2.3	0
276	On the existence and Ulam-Hyers stability of a new class of partial $\mathbb{H}$ -fractional differential equations with impulses. <i>Filomat</i> , <b>2021</b> , 35, 1977-1991	0.7	1
275	Forecasting Economic Growth of the Group of Seven via Fractional-Order Gradient Descent Approach. <i>Axioms</i> , <b>2021</b> , 10, 257	1.6	1
274	Periodic Solutions in Slowly Varying Discontinuous Differential Equations: The Generic Case. <i>Mathematics</i> , <b>2021</b> , 9, 2449	2.3	1
273	Periodic boundary value problem for second-order differential equations from geophysical fluid flows. <i>Monatshefte Fur Mathematik</i> , <b>2021</b> , 195, 523-540	0.7	3
272	Quaternion-Valued Linear Impulsive Differential Equations. <i>Qualitative Theory of Dynamical Systems</i> , <b>2021</b> , 20, 1	0.8	6
271	Relative controllability of delay multi-agent systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 4965-4993	3.6	1
270	Applying fractional calculus to analyze final consumption and gross investment influence on GDP. <i>Journal of Applied Mathematics, Statistics and Informatics</i> , <b>2021</b> , 17, 65-72	0.1	1
269	Attractor as a convex combination of a set of attractors. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2021</b> , 96, 105721	3.7	0
268	The Ćiriari-Radu Method for Existence, Uniqueness and Gauss Hypergeometric Stability of Hilfer Fractional Differential Equations. <i>Mathematics</i> , <b>2021</b> , 9, 1408	2.3	4
267	Analytic Invariant Curves for an Iterative Equation Related to Ricker-type Second-order Equation. <i>Acta Mathematica Sinica, English Series</i> , <b>2021</b> , 37, 1041-1052	0.6	

266	Maximal and minimal nondecreasing bounded solutions of iterative functional differential equations. <i>Applied Mathematics Letters</i> , <b>2021</b> , 113, 106886	3.5	3
265	Consensus Problems of Linear Multi-agent Systems involving Conformable Derivative. <i>Applied Mathematics and Computation</i> , <b>2021</b> , 394, 125809	2.7	1
264	A new approach to study constant vorticity water flows in the $\beta$ -plane approximation with centripetal forces. <i>Dynamics of Partial Differential Equations</i> , <b>2021</b> , 18, 199-210	0.8	3
263	On the nonlocal boundary value problem of geophysical fluid flows. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , <b>2021</b> , 72, 1	1.6	5
262	$\omega$ - $\mathbb{T}$ -periodic solutions of impulsive evolution equations. <i>Evolution Equations and Control Theory</i> , <b>2021</b> ,	2	3
261	Explicit solution and dynamical properties of atmospheric Ekman flows with boundary conditions. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , <b>2021</b> , 1-19	0.5	4
260	Iterative learning control for multi-agent systems with impulsive consensus tracking. <i>Nonlinear Analysis: Modelling and Control</i> , <b>2021</b> , 26, 130-150	1.3	3
259	Periodic solutions and Hyers-Ulam stability of atmospheric Ekman flows. <i>Discrete and Continuous Dynamical Systems</i> , <b>2021</b> , 41, 1157-1176	2	11
258	Existence and uniqueness results for modeling jet flow of the antarctic circumpolar current. <i>Monatshefte Fur Mathematik</i> , <b>2021</b> , 194, 601-621	0.7	2
257	On the relative controllability of neutral delay differential equations. <i>Journal of Mathematical Physics</i> , <b>2021</b> , 62, 082704	1.2	0
256	Constant Vorticity Ekman Flows in the $(\beta)$ -Plane Approximation. <i>Journal of Mathematical Fluid Mechanics</i> , <b>2021</b> , 23, 1	1.4	1
255	Coupled Discrete Fractional-Order Logistic Maps. <i>Mathematics</i> , <b>2021</b> , 9, 2204	2.3	2
254	Faedo-Galerkin approximation of mild solutions of fractional functional differential equations. <i>Nonautonomous Dynamical Systems</i> , <b>2021</b> , 8, 1-17	0.7	3
253	D-Stability of the Initial Value Problem for Symmetric Nonlinear Functional Differential Equations. <i>Symmetry</i> , <b>2020</b> , 12, 1761	2.7	0
252	A Fixed-Point Approach to the Hyers-Ulam Stability of Caputo-Fabrizio Fractional Differential Equations. <i>Mathematics</i> , <b>2020</b> , 8, 647	2.3	9
251	Existence and uniqueness and first order approximation of solutions to atmospheric Ekman flows. <i>Monatshefte Fur Mathematik</i> , <b>2020</b> , 193, 623-636	0.7	6
250	Hyers-Ulam Stability and Existence of Solutions to the Generalized Liouville-Caputo Fractional Differential Equations. <i>Symmetry</i> , <b>2020</b> , 12, 955	2.7	4
249	Iterative learning control for nonlinear differential inclusion systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 2937-2952	3.6	2

248	Chaos Suppression in a Gompertz-like Discrete System of Fractional Order. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2020</b> , 30, 2050049	2	2
247	Averaging Methods for Second-Order Differential Equations and Their Application for Impact Systems. <i>Mathematics</i> , <b>2020</b> , 8, 916	2.3	1
246	Null controllability results for stochastic delay systems with delayed perturbation of matrices. <i>Chaos, Solitons and Fractals</i> , <b>2020</b> , 138, 109927	9.3	10
245	Controllability of linear and nonlinear systems governed by Stieltjes differential equations. <i>Applied Mathematics and Computation</i> , <b>2020</b> , 376, 125139	2.7	2
244	Existence and uniqueness results for a second order differential equation for the ocean flow in arctic gyres. <i>Monatshefte Fur Mathematik</i> , <b>2020</b> , 193, 177-192	0.7	6
243	BP Neural Network Calculus in Economic Growth Modelling of the Group of Seven. <i>Mathematics</i> , <b>2020</b> , 8, 37	2.3	4
242	On the Exponents of Exponential Dichotomies. <i>Mathematics</i> , <b>2020</b> , 8, 651	2.3	1
241	Synchronization of Butterfly Fractional Order Chaotic System. <i>Mathematics</i> , <b>2020</b> , 8, 446	2.3	9
240	Boundedness, periodicity, and conditional stability of noninstantaneous impulsive evolution equations. <i>Mathematical Methods in the Applied Sciences</i> , <b>2020</b> , 43, 5905-5926	2.3	4
239	Controllability of conformable differential systems. <i>Nonlinear Analysis: Modelling and Control</i> , <b>2020</b> , 25,	1.3	5
238	Existence and uniqueness of $(\mathbb{T})$ -periodic solutions of semilinear evolution equations. <i>International Journal of Dynamical Systems and Differential Equations</i> , <b>2020</b> , 10, 149	0.4	2
237	Center Manifolds for Non-instantaneous Impulsive Equations Under Nonuniform Hyperbolicity. <i>Comptes Rendus Mathematique</i> , <b>2020</b> , 358, 341-364	0.4	2
236	Qualitative Analysis of Multi-Terms Fractional Order Delay Differential Equations via the Topological Degree Theory. <i>Mathematics</i> , <b>2020</b> , 8, 218	2.3	20
235	Periodic mild solutions of impulsive fractional evolution equations. <i>AIMS Mathematics</i> , <b>2020</b> , 5, 497-506	2.2	4
234	Note on Periodic and Asymptotically Periodic Solutions of Fractional Differential Equations. <i>Studies in Systems, Decision and Control</i> , <b>2020</b> , 153-185	0.8	3
233	On the Poincaré-Aronov-Melnikov method for the existence of grazing impact periodic solutions of differential equations. <i>Journal of Differential Equations</i> , <b>2020</b> , 268, 3725-3748	2.1	6
232	Robustness for linear evolution equations with non-instantaneous impulsive effects. <i>Bulletin Des Sciences Mathematiques</i> , <b>2020</b> , 159, 102827	0.7	7
231	Positive solutions to integral boundary value problems from geophysical fluid flows. <i>Monatshefte Fur Mathematik</i> , <b>2020</b> , 193, 901-925	0.7	6

230	General Melnikov Approach to Implicit ODEs. <i>Journal of Dynamics and Differential Equations</i> , <b>2020</b> , 1	1.3	1
229	A New Class of $(\omega, c)$ -Periodic Non-instantaneous Impulsive Differential Equations. <i>Mediterranean Journal of Mathematics</i> , <b>2020</b> , 17, 1	0.9	5
228	Relative controllability of fractional delay differential equations via delayed perturbation of Mittag-Leffler functions. <i>Journal of Computational and Applied Mathematics</i> , <b>2020</b> , 378, 112939	2.4	18
227	Dynamics of a Discrete Nonlinear Prey-Predator Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2020</b> , 30, 2050055	2	3
226	Note on weakly fractional differential equations. <i>Advances in Difference Equations</i> , <b>2019</b> , 2019,	3.6	5
225	Chaos control in the fractional order logistic map via impulses. <i>Nonlinear Dynamics</i> , <b>2019</b> , 98, 1219-1230	5	12
224	Analytical and Numerical Study on a Parametric Pendulum with the Step-Wave Modulation of Length and Forcing. <i>International Journal of Structural Stability and Dynamics</i> , <b>2019</b> , 19, 1941006	1.9	2
223	Iterative learning control for fractional-order multi-agent systems. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 6328-6351	4	11
222	Hyers-Ulam Stability and Existence of Solutions for Differential Equations with Caputo-Fabrizio Fractional Derivative. <i>Mathematics</i> , <b>2019</b> , 7, 333	2.3	22
221	Periodic nonautonomous differential equations with noninstantaneous impulsive effects. <i>Mathematical Methods in the Applied Sciences</i> , <b>2019</b> , 42, 3700-3720	2.3	9
220	Hidden chaotic attractors and chaos suppression in an impulsive discrete economical supply and demand dynamical system. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2019</b> , 74, 1-13	3.7	18
219	A Survey on the Melnikov Theory for Implicit Ordinary Differential Equations with Applications to RLC Circuits. <i>Studies in Systems, Decision and Control</i> , <b>2019</b> , 121-160	0.8	1
218	Inertial manifold for semi-linear non-instantaneous impulsive parabolic equations in an admissible space. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2019</b> , 75, 174-191	3.7	10
217	Periodic boundary value problems for higher-order fractional differential systems. <i>Mathematical Methods in the Applied Sciences</i> , <b>2019</b> , 42, 3616-3632	2.3	11
216	Time Optimal Control of a System Governed by Non-instantaneous Impulsive Differential Equations. <i>Journal of Optimization Theory and Applications</i> , <b>2019</b> , 182, 573-587	1.6	12
215	The Application of Fractional Calculus in Chinese Economic Growth Models. <i>Mathematics</i> , <b>2019</b> , 7, 665	2.3	19
214	Rich dynamics and anticontrol of extinction in a prey-predator system. <i>Nonlinear Dynamics</i> , <b>2019</b> , 98, 1421-1445	5	5
213	Symmetric nonlinear functional differential equations at resonance. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , <b>2019</b> , 1-16	0.5	1

212	Periodic solutions and stability of linear evolution equations with noninstantaneous impulses. <i>Miskolc Mathematical Notes</i> , <b>2019</b> , 20, 1299	2.1	6
211	Averaging methods for piecewise-smooth ordinary differential equations. <i>AIMS Mathematics</i> , <b>2019</b> , 4, 1466-1487	2.2	1
210	Difference equations with impulses. <i>Opuscula Mathematica</i> , <b>2019</b> , 39, 5-22	2.6	3
209	Data approximation using Lotka-Volterra models and a software minimization function. <i>Journal of Applied Mathematics, Statistics and Informatics</i> , <b>2019</b> , 15, 5-14	0.1	1
208	On a Class of Functional Differential Equations with Symmetries. <i>Symmetry</i> , <b>2019</b> , 11, 1456	2.7	1
207	Representation of Solutions and Finite Time Stability for Delay Differential Systems with Impulsive Effects. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , <b>2019</b> , 20, 205-221	1.8	6
206	Controllability of fractional non-instantaneous impulsive differential inclusions without compactness. <i>IMA Journal of Mathematical Control and Information</i> , <b>2019</b> , 36, 443-460	1.1	14
205	Existence of solution of a forest fire spread model. <i>Applied Mathematics Letters</i> , <b>2018</b> , 83, 227-231	3.5	1
204	Fractional-order PWC systems without zero Lyapunov exponents. <i>Nonlinear Dynamics</i> , <b>2018</b> , 92, 1061-1078	17	
203	Complex dynamics, hidden attractors and continuous approximation of a fractional-order hyperchaotic PWC system. <i>Nonlinear Dynamics</i> , <b>2018</b> , 91, 2523-2540	5	27
202	Existence, uniqueness and stability of solutions to second order nonlinear differential equations with non-instantaneous impulses. <i>Journal of King Saud University - Science</i> , <b>2018</b> , 30, 204-213	3.6	36
201	Convergence characteristics of PD-type and PDD-type iterative learning control for impulsive differential systems with unknown initial states. <i>JVC/Journal of Vibration and Control</i> , <b>2018</b> , 24, 3726-3743	2.3	4
200	Approximation approach to periodic BVP for mixed fractional differential systems. <i>Journal of Computational and Applied Mathematics</i> , <b>2018</b> , 339, 208-217	2.4	9
199	The Stieltjes string model with external load. <i>Applied Mathematics and Computation</i> , <b>2018</b> , 337, 350-359	2.7	2
198	Perturbed Li-Yorke homoclinic chaos. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , <b>2018</b> , 1-18	0.5	2
197	Application of the $\exp(-t)$ -expansion method to the Pochhammer-Chree equation. <i>Filomat</i> , <b>2018</b> , 32, 3347-3354	0.7	2
196	Applying Fractional Calculus to Analyze Economic Growth Modelling. <i>Journal of Applied Mathematics, Statistics and Informatics</i> , <b>2018</b> , 14, 25-36	0.1	15
195	Gain-loss-driven travelling waves in PT-symmetric nonlinear metamaterials. <i>Wave Motion</i> , <b>2018</b> , 76, 9-18	1.8	1

194	A study on ILC for linear discrete systems with single delay. <i>Journal of Difference Equations and Applications</i> , <b>2018</b> , 24, 358-374	1	12
193	Asymptotically periodic solutions for Caputo type fractional evolution equations. <i>Fractional Calculus and Applied Analysis</i> , <b>2018</b> , 21, 1294-1312	2.7	11
192	On Equations with Generalized Periodic Right-Hand Side. <i>Ukrainian Mathematical Journal</i> , <b>2018</b> , 70, 288-318		
191	Periodically Forced Nonlinear Oscillatory Acoustic Vacuum. <i>Axioms</i> , <b>2018</b> , 7, 69	1.6	0
190	Application of $\tan(\pi/2)$ -expansion method to burgers and foam drainage equations. <i>Mathematica Slovaca</i> , <b>2018</b> , 68, 1057-1064	0.7	2
189	Existence results of solutions for impulsive fractional differential equations. <i>Nonautonomous Dynamical Systems</i> , <b>2018</b> , 5, 35-51	0.7	3
188	Iterative learning control with pulse compensation for fractional differential systems. <i>Mathematica Slovaca</i> , <b>2018</b> , 68, 563-574	0.7	15
187	Note on periodic solutions of fractional differential equations. <i>Mathematical Methods in the Applied Sciences</i> , <b>2018</b> , 41, 5065-5073	2.3	2
186	Bifurcation of travelling waves in implicit nonlinear lattices: applications in metamaterials. <i>Applicable Analysis</i> , <b>2017</b> , 96, 578-589	0.8	1
185	Stability Analysis for a General Class of Non-instantaneous Impulsive Differential Equations. <i>Mediterranean Journal of Mathematics</i> , <b>2017</b> , 14, 1	0.9	38
184	Impulsive stabilization of chaos in fractional-order systems. <i>Nonlinear Dynamics</i> , <b>2017</b> , 89, 1889-1903	5	12
183	On the periodic Toda lattice hierarchy with an integral source. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2017</b> , 52, 110-123	3.7	7
182	Relative controllability of semilinear delay differential systems with linear parts defined by permutable matrices. <i>European Journal of Control</i> , <b>2017</b> , 38, 39-46	2.5	21
181	Mixed Order Fractional Differential Equations. <i>Mathematics</i> , <b>2017</b> , 5, 61	2.3	2
180	Fractional order differential switched systems with coupled nonlocal initial and impulsive conditions. <i>Bulletin Des Sciences Mathematiques</i> , <b>2017</b> , 141, 727-746	0.7	45
179	A new method to study ILC problem for time-delay linear systems. <i>Advances in Difference Equations</i> , <b>2017</b> , 2017,	3.6	2
178	Periodic impulsive fractional differential equations. <i>Advances in Nonlinear Analysis</i> , <b>2017</b> , 8, 482-496	2.8	18
177	Center stable manifold for planar fractional damped equations. <i>Applied Mathematics and Computation</i> , <b>2017</b> , 296, 257-269	2.7	33

176	On Numerical Integration of Discontinuous Dynamical Systems. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2017</b> , 27, 1750218	2	3
175	Approximation approach to periodic BVP for fractional differential systems. <i>European Physical Journal: Special Topics</i> , <b>2017</b> , 226, 3681-3692	2.3	8
174	Pseudo almost periodic solutions of an iterative equation with variable coefficients. <i>Miskolc Mathematical Notes</i> , <b>2017</b> , 18, 515	2.1	3
173	Practical Ulam-Hyers-Rassias stability for nonlinear equations <b>2017</b> , 142, 47-56		4
172	On the existence of solutions connecting IK singularities and impasse points in fully nonlinear RLC circuits. <i>Discrete and Continuous Dynamical Systems - Series B</i> , <b>2017</b> , 22, 3043-3061	1.3	1
171	Approximate controllability of Sobolev type fractional evolution systems with nonlocal conditions. <i>Evolution Equations and Control Theory</i> , <b>2017</b> , 6, 471-486	2	20
170	Bifurcation from family of periodic orbits in autonomous systems <b>2016</b> , 39-69		
169	Discrete Dirichlet boundary value problems with upper semicontinuous right-hand sides. <i>Journal of Difference Equations and Applications</i> , <b>2016</b> , 22, 959-972	1	
168	Random Noninstantaneous Impulsive Models for Studying Periodic Evolution Processes in Pharmacotherapy. <i>Advances in Dynamics, Patterns, Cognition</i> , <b>2016</b> , 87-107	0.7	8
167	Looking More Closely at the Rabinovich-Babrikant System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2016</b> , 26, 1650038	2	24
166	On a kind of symmetric weakly non-linear ordinary differential systems. <i>Bulletin Des Sciences Mathematiques</i> , <b>2016</b> , 140, 188-230	0.7	2
165	Travelling waves in nonlinear magneto-inductive lattices. <i>Journal of Differential Equations</i> , <b>2016</b> , 260, 1717-1746	2.1	3
164	Blue sky-like catastrophe for reversible nonlinear implicit ODEs. <i>Discrete and Continuous Dynamical Systems - Series S</i> , <b>2016</b> , 9, 895-922	2.8	1
163	An introductory example <b>2016</b> , 1-6		2
162	Bifurcation from family of periodic orbits in forced billiards <b>2016</b> , 143-151		
161	Transversal periodic orbits <b>2016</b> , 157-169		
160	Sliding periodic orbits <b>2016</b> , 171-187		
159	Periodically forced impact systems <b>2016</b> , 125-141		



158	Note on a parameter switching method for nonlinear ODEs. <i>Mathematica Slovaca</i> , <b>2016</b> , 66, 439-448	0.7	4
157	A survey on impulsive fractional differential equations. <i>Fractional Calculus and Applied Analysis</i> , <b>2016</b> , 19, 806-831	2.7	146
156	Nonexistence of periodic solutions and S-asymptotically periodic solutions in fractional difference equations. <i>Applied Mathematics and Computation</i> , <b>2015</b> , 257, 230-240	2.7	14
155	Dynamics of generalized PT-symmetric dimers with time-periodic gain loss. <i>Nonlinear Dynamics</i> , <b>2015</b> , 81, 353-371	5	7
154	Nonlocal Cauchy problems for semilinear differential inclusions with fractional order in Banach spaces. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2015</b> , 27, 281-293	3.7	13
153	Stability analysis of impulsive fractional-order systems by vector comparison principle. <i>Nonlinear Dynamics</i> , <b>2015</b> , 82, 2007-2019	5	20
152	On relative controllability of delayed difference equations with multiple control functions <b>2015</b> ,		6
151	Nonlocal impulsive fractional differential inclusions with fractional sectorial operators on Banach spaces. <i>Applied Mathematics and Computation</i> , <b>2015</b> , 257, 103-118	2.7	77
150	On the periodic Toda lattice with a self-consistent source. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2015</b> , 22, 1223-1234	3.7	7
149	A General Class of Impulsive Evolution Equations. <i>Topological Methods in Nonlinear Analysis</i> , <b>2015</b> , 1	0	15
148	On the existence of solutions connecting singularities in nonlinear RLC circuits. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2015</b> , 116, 26-36	1.3	4
147	On the nonlocal Cauchy problem for semilinear fractional order evolution equations. <i>Open Mathematics</i> , <b>2014</b> , 12,	0.8	8
146	Response to Comments on the concept of existence of solution for impulsive fractional differential equations [Commun Nonlinear Sci Numer Simul 2014;19:401B.] <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2014</b> , 19, 4213-4215	3.7	25
145	Melnikov theory for nonlinear implicit ODEs. <i>Journal of Differential Equations</i> , <b>2014</b> , 256, 1157-1190	2.1	9
144	Persistence of periodic orbits in periodically forced impact systems. <i>Mathematica Slovaca</i> , <b>2014</b> , 64,	0.7	3
143	On the chaotic behavior of non-flat billiards. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2014</b> , 19, 1442-1464	3.7	0
142	Solvability of fully nonlinear functional equations involving Erdelyi-Kober fractional integrals on the unbounded interval. <i>Optimization</i> , <b>2014</b> , 63, 1235-1248	1.2	6
141	On the New Control Functions for Linear Discrete Delay Systems. <i>SIAM Journal on Control and Optimization</i> , <b>2014</b> , 52, 1745-1760	1.9	46

140	Melnikov theory for weakly coupled nonlinear RLC circuits. <i>Boundary Value Problems</i> , <b>2014</b> , 2014,	2.1	3
139	Analysis of Abel-type nonlinear integral equations with weakly singular kernels. <i>Boundary Value Problems</i> , <b>2014</b> , 2014, 20	2.1	8
138	Travelling Waves in Nonlinear Magnetic Metamaterials. <i>Advances in Dynamics, Patterns, Cognition</i> , <b>2014</b> , 335-358	0.7	5
137	Generalized Form of Parrondo's Paradoxical Game with Applications to Chaos Control. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2014</b> , 24, 1450008	2	26
136	Exploring s-e-condition and applications to some Ostrowski type inequalities via Hadamard fractional integrals. <i>Mathematica Slovaca</i> , <b>2014</b> , 64,	0.7	11
135	Note on fractional difference Gronwall inequalities. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , <b>2014</b> , 1-18	0.5	3
134	Controllability of Sobolev type fractional evolution systems. <i>Dynamics of Partial Differential Equations</i> , <b>2014</b> , 11, 71-87	0.8	41
133	On the stability of first order impulsive evolution equations. <i>Opuscula Mathematica</i> , <b>2014</b> , 34, 639	2.6	16
132	Periodic Travelling Waves of Forced FPU Lattices. <i>Journal of Dynamics and Differential Equations</i> , <b>2013</b> , 25, 795-820	1.3	6
131	Fast-slow dynamical approximation of forced impact systems near periodic solutions. <i>Boundary Value Problems</i> , <b>2013</b> , 2013,	2.1	4
130	Abstract Cauchy problem for fractional differential equations. <i>Nonlinear Dynamics</i> , <b>2013</b> , 71, 685-700	5	60
129	Relaxed Controls for Nonlinear Fractional Impulsive Evolution Equations. <i>Journal of Optimization Theory and Applications</i> , <b>2013</b> , 156, 13-32	1.6	41
128	Bifurcation from single periodic orbit in discontinuous autonomous systems. <i>Applicable Analysis</i> , <b>2013</b> , 92, 1085-1100	0.8	4
127	Hermite-Hadamard-type inequalities for r-convex functions based on the use of Riemann-Liouville fractional integrals. <i>Ukrainian Mathematical Journal</i> , <b>2013</b> , 65, 193-211	0.4	21
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