

Michal Feckan

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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	UlamĀ type stability of impulsive ordinary differential equations. <i>Journal of Mathematical Analysis and Applications</i> , 2012 , 395, 258-264	1.1	162
282	A survey on impulsive fractional differential equations. <i>Fractional Calculus and Applied Analysis</i> , 2016 , 19, 806-831	2.7	146
281	On the new concept of solutions and existence results for impulsive fractional evolution equations. <i>Dynamics of Partial Differential Equations</i> , 2011 , 8, 345-361	0.8	135
280	On recent developments in the theory of boundary value problems for impulsive fractional differential equations. <i>Computers and Mathematics With Applications</i> , 2012 , 64, 3008-3020	2.7	105
279	Controllability of Fractional Functional Evolution Equations of Sobolev Type via Characteristic Solution Operators. <i>Journal of Optimization Theory and Applications</i> , 2013 , 156, 79-95	1.6	87
278	Nonlocal impulsive fractional differential inclusions with fractional sectorial operators on Banach spaces. <i>Applied Mathematics and Computation</i> , 2015 , 257, 103-118	2.7	77
277	Abstract Cauchy problem for fractional differential equations. <i>Nonlinear Dynamics</i> , 2013 , 71, 685-700	5	60
276	On the New Control Functions for Linear Discrete Delay Systems. <i>SIAM Journal on Control and Optimization</i> , 2014 , 52, 1745-1760	1.9	46
275	Presentation of solutions of impulsive fractional Langevin equations and existence results. <i>European Physical Journal: Special Topics</i> , 2013 , 222, 1857-1874	2.3	46
274	Fractional order differential switched systems with coupled nonlocal initial and impulsive conditions. <i>Bulletin Des Sciences Mathematiques</i> , 2017 , 141, 727-746	0.7	45
273	Relaxed Controls for Nonlinear Fractional Impulsive Evolution Equations. <i>Journal of Optimization Theory and Applications</i> , 2013 , 156, 13-32	1.6	41
272	Nonsmooth homoclinic orbits, Melnikov functions and chaos in discontinuous systems. <i>Physica D: Nonlinear Phenomena</i> , 2012 , 241, 1962-1975	3.3	41
271	Controllability of Sobolev type fractional evolution systems. <i>Dynamics of Partial Differential Equations</i> , 2014 , 11, 71-87	0.8	41
270	Stability Analysis for a General Class of Non-instantaneous Impulsive Differential Equations. <i>Mediterranean Journal of Mathematics</i> , 2017 , 14, 1	0.9	38
269	Representation of a solution of the Cauchy problem for an oscillating system with two delays and permutable matrices. <i>Ukrainian Mathematical Journal</i> , 2013 , 65, 64-76	0.4	38
268	Homoclinic Trajectories in Discontinuous Systems. <i>Journal of Dynamics and Differential Equations</i> , 2008 , 20, 337-376	1.3	38
267	Bifurcation and chaos near sliding homoclinics. <i>Journal of Differential Equations</i> , 2010 , 248, 2227-2262	2.1	37

266	Existence, uniqueness and stability of solutions to second order nonlinear differential equations with non-instantaneous impulses. <i>Journal of King Saud University - Science</i> , 2018 , 30, 204-213	3.6	36
265	Center stable manifold for planar fractional damped equations. <i>Applied Mathematics and Computation</i> , 2017 , 296, 257-269	2.7	33
264	Topological Degree Approach to Bifurcation Problems 2008 ,		29
263	Complex dynamics, hidden attractors and continuous approximation of a fractional-order hyperchaotic PWC system. <i>Nonlinear Dynamics</i> , 2018 , 91, 2523-2540	5	27
262	Travelling waves in Hamiltonian systems on 2D lattices with nearest neighbour interactions. <i>Nonlinearity</i> , 2007 , 20, 319-341	1.7	27
261	On continuous approximation of discontinuous systems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2005 , 62, 1317-1331	1.3	27
260	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> , 2014 , 24, 1450008	2	26
259	Bifurcation and Chaos in Discontinuous and Continuous Systems. <i>Nonlinear Physical Science</i> , 2011 ,	0.1	26
258	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> , 2014 , 19, 4213-4215	3.7	25
257	Looking More Closely at the Rabinovich-Babrikant System. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650038	2	24
256	Hyers-Ulam Stability and Existence of Solutions for Differential Equations with Caputo-Abrazio Fractional Derivative. <i>Mathematics</i> , 2019 , 7, 333	2.3	22
255	Relative controllability of semilinear delay differential systems with linear parts defined by permutable matrices. <i>European Journal of Control</i> , 2017 , 38, 39-46	2.5	21
254	Hermite-Hadamard-type inequalities for r -convex functions based on the use of Riemann-Liouville fractional integrals. <i>Ukrainian Mathematical Journal</i> , 2013 , 65, 193-211	0.4	21
253	On the Chaotic Behaviour of Discontinuous Systems. <i>Journal of Dynamics and Differential Equations</i> , 2011 , 23, 495-540	1.3	21
252	Stability analysis of impulsive fractional-order systems by vector comparison principle. <i>Nonlinear Dynamics</i> , 2015 , 82, 2007-2019	5	20
251	Qualitative Analysis of Multi-Terms Fractional Order Delay Differential Equations via the Topological Degree Theory. <i>Mathematics</i> , 2020 , 8, 218	2.3	20
250	Approximate controllability of Sobolev type fractional evolution systems with nonlocal conditions. <i>Evolution Equations and Control Theory</i> , 2017 , 6, 471-486	2	20
249	The Application of Fractional Calculus in Chinese Economic Growth Models. <i>Mathematics</i> , 2019 , 7, 665	2.3	19

248	Singularly Perturbed Higher Order Boundary Value Problems. <i>Journal of Differential Equations</i> , 1994 , 111, 79-102	2.1	19
247	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> , 2019 , 74, 1-13 ³⁻⁷		18
246	Periodic impulsive fractional differential equations. <i>Advances in Nonlinear Analysis</i> , 2017 , 8, 482-496	2.8	18
245	Relative controllability of fractional delay differential equations via delayed perturbation of Mittag-Leffler functions. <i>Journal of Computational and Applied Mathematics</i> , 2020 , 378, 112939	2.4	18
244	Fractional-order PWC systems without zero Lyapunov exponents. <i>Nonlinear Dynamics</i> , 2018 , 92, 1061-1078		17
243	On the stability of first order impulsive evolution equations. <i>Opuscula Mathematica</i> , 2014 , 34, 639	2.6	16
242	A General Class of Impulsive Evolution Equations. <i>Topological Methods in Nonlinear Analysis</i> , 2015 , 1	0	15
241	Parametrized Singularly Perturbed Boundary Value Problems. <i>Journal of Mathematical Analysis and Applications</i> , 1994 , 188, 426-435	1.1	15
240	Applying Fractional Calculus to Analyze Economic Growth Modelling. <i>Journal of Applied Mathematics, Statistics and Informatics</i> , 2018 , 14, 25-36	0.1	15
239	Fractional Integral Inequalities for Differentiable Convex Mappings and Applications to Special Means and a Midpoint Formula. <i>Journal of Applied Mathematics, Statistics and Informatics</i> , 2012 , 8, 21-28 ^{0.1}		15
238	Iterative learning control with pulse compensation for fractional differential systems. <i>Mathematica Slovaca</i> , 2018 , 68, 563-574	0.7	15
237	Nonexistence of periodic solutions and S-asymptotically periodic solutions in fractional difference equations. <i>Applied Mathematics and Computation</i> , 2015 , 257, 230-240	2.7	14
236	Subharmonic Solutions in Singular Systems. <i>Journal of Differential Equations</i> , 1996 , 132, 21-45	2.1	14
235	Controllability of fractional non-instantaneous impulsive differential inclusions without compactness. <i>IMA Journal of Mathematical Control and Information</i> , 2019 , 36, 443-460	1.1	14
234	Nonlocal Cauchy problems for semilinear differential inclusions with fractional order in Banach spaces. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 27, 281-293	3.7	13
233	Bifurcation of periodic solutions in differential inclusions. <i>Applications of Mathematics</i> , 1997 , 42, 369-393		13
232	Impulsive stabilization of chaos in fractional-order systems. <i>Nonlinear Dynamics</i> , 2017 , 89, 1889-1903	5	12
231	Chaos control in the fractional order logistic map via impulses. <i>Nonlinear Dynamics</i> , 2019 , 98, 1219-1230 ⁵		12

230	Time Optimal Control of a System Governed by Non-instantaneous Impulsive Differential Equations. <i>Journal of Optimization Theory and Applications</i> , 2019 , 182, 573-587	1.6	12
229	Travelling waves of discrete nonlinear Schrödinger equations with nonlocal interactions. <i>Applicable Analysis</i> , 2010 , 89, 1387-1411	0.8	12
228	Chaos in singular impulsive O.D.E.. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1997 , 28, 655-671	1.3	12
227	Free Vibrations of Beams on Bearings with Nonlinear Elastic Responses. <i>Journal of Differential Equations</i> , 1999 , 154, 55-72	2.1	12
226	A study on ILC for linear discrete systems with single delay. <i>Journal of Difference Equations and Applications</i> , 2018 , 24, 358-374	1	12
225	Iterative learning control for fractional-order multi-agent systems. <i>Journal of the Franklin Institute</i> , 2019 , 356, 6328-6351	4	11
224	Periodic boundary value problems for higher-order fractional differential systems. <i>Mathematical Methods in the Applied Sciences</i> , 2019 , 42, 3616-3632	2.3	11
223	Exploring s-e-condition and applications to some Ostrowski type inequalities via Hadamard fractional integrals. <i>Mathematica Slovaca</i> , 2014 , 64,	0.7	11
222	Bifurcation from Family of Periodic Orbits in Discontinuous Autonomous Systems. <i>Differential Equations and Dynamical Systems</i> , 2012 , 20, 207-234	0.8	11
221	Bifurcation of sliding periodic orbits in periodically forced discontinuous systems. <i>Nonlinear Analysis: Real World Applications</i> , 2013 , 14, 150-162	2.1	11
220	Bifurcation from Homoclinic to Periodic Solutions in Singular Ordinary Differential Equations. <i>Journal of Mathematical Analysis and Applications</i> , 2000 , 246, 245-264	1.1	11
219	Chaotic solutions in differential inclusions: chaos in dry friction problems. <i>Transactions of the American Mathematical Society</i> , 1999 , 351, 2861-2873	1	11
218	Periodic solutions and Hyers-Ulam stability of atmospheric Ekman flows. <i>Discrete and Continuous Dynamical Systems</i> , 2021 , 41, 1157-1176	2	11
217	Asymptotically periodic solutions for Caputo type fractional evolution equations. <i>Fractional Calculus and Applied Analysis</i> , 2018 , 21, 1294-1312	2.7	11
216	Inertial manifold for semi-linear non-instantaneous impulsive parabolic equations in an admissible space. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019 , 75, 174-191	3.7	10
215	Null controllability results for stochastic delay systems with delayed perturbation of matrices. <i>Chaos, Solitons and Fractals</i> , 2020 , 138, 109927	9.3	10
214	A generalization of Bendixson's criterion. <i>Proceedings of the American Mathematical Society</i> , 2001 , 129, 3395-3399	0.8	10
213	Nielsen Fixed Point Theory and Nonlinear Equations. <i>Journal of Differential Equations</i> , 1993 , 106, 312-331	1.1	10

212	Periodic nonautonomous differential equations with noninstantaneous impulsive effects. <i>Mathematical Methods in the Applied Sciences</i> , 2019 , 42, 3700-3720	2.3	9
211	A Fixed-Point Approach to the Hyers-Ulam Stability of Caputo-Fabrizio Fractional Differential Equations. <i>Mathematics</i> , 2020 , 8, 647	2.3	9
210	Synchronization of Butterfly Fractional Order Chaotic System. <i>Mathematics</i> , 2020 , 8, 446	2.3	9
209	Approximation approach to periodic BVP for mixed fractional differential systems. <i>Journal of Computational and Applied Mathematics</i> , 2018 , 339, 208-217	2.4	9
208	Melnikov theory for nonlinear implicit ODEs. <i>Journal of Differential Equations</i> , 2014 , 256, 1157-1190	2.1	9
207	Bifurcation from Homoclinic to Periodic Solutions in Ordinary Differential Equations with Multivalued Perturbations. <i>Journal of Differential Equations</i> , 1996 , 130, 415-450	2.1	9
206	Parametrized Singular Boundary Value Problems. <i>Journal of Mathematical Analysis and Applications</i> , 1994 , 188, 417-425	1.1	9
205	Melnikov functions for singularly perturbed ordinary differential equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1992 , 19, 393-401	1.3	9
204	Chaos in forced impact systems. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2012 , 6, 861-890	2.8	9
203	Periodic solutions of certain abstract wave equations. <i>Proceedings of the American Mathematical Society</i> , 1995 , 123, 465-465	0.8	9
202	Random Noninstantaneous Impulsive Models for Studying Periodic Evolution Processes in Pharmacotherapy. <i>Advances in Dynamics, Patterns, Cognition</i> , 2016 , 87-107	0.7	8
201	On the nonlocal Cauchy problem for semilinear fractional order evolution equations. <i>Open Mathematics</i> , 2014 , 12,	0.8	8
200	Analysis of Abel-type nonlinear integral equations with weakly singular kernels. <i>Boundary Value Problems</i> , 2014 , 2014, 20	2.1	8
199	Approximation approach to periodic BVP for fractional differential systems. <i>European Physical Journal: Special Topics</i> , 2017 , 226, 3681-3692	2.3	8
198	An example of chaotic behaviour in presence of a sliding homoclinic orbit. <i>Annali Di Matematica Pura Ed Applicata</i> , 2010 , 189, 615-642	0.8	8
197	Existence of Almost Periodic Solutions for Jumping Discontinuous Systems. <i>Acta Mathematica Hungarica</i> , 2000 , 86, 291-303	0.8	8
196	Bifurcation from degenerate homoclinics in periodically forced systems. <i>Discrete and Continuous Dynamical Systems</i> , 1999 , 5, 359-374	2	8
195	Global center manifolds in singular systems. <i>Nonlinear Differential Equations and Applications</i> , 1996 , 3, 19-34	0.8	8

194	Chaos arising near a topologically transversal homoclinic set. <i>Topological Methods in Nonlinear Analysis</i> , 2002 , 20, 195	0	8
193	On the periodic Toda lattice hierarchy with an integral source. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017 , 52, 110-123	3.7	7
192	Dynamics of generalized PT-symmetric dimers with time-periodic gain loss. <i>Nonlinear Dynamics</i> , 2015 , 81, 353-371	5	7
191	On the periodic Toda lattice with a self-consistent source. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 22, 1223-1234	3.7	7
190	Representation of a Solution of the Cauchy Problem for an Oscillating System with Multiple Delays and Pairwise Permutable Matrices. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-10	0.7	7
189	Bifurcations of planar sliding homoclinics. <i>Mathematical Problems in Engineering</i> , 2006 , 2006, 1-13	1.1	7
188	CHAOS IN NONAUTONOMOUS DIFFERENTIAL INCLUSIONS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2005 , 15, 1919-1930	2	7
187	Multiple Periodic Solutions of Small Vector Fields on Differentiable Manifolds. <i>Journal of Differential Equations</i> , 1994 , 113, 189-200	2.1	7
186	Asymptotic behavior of stable manifolds. <i>Proceedings of the American Mathematical Society</i> , 1991 , 111, 585-585	0.8	7
185	Robustness for linear evolution equations with non-instantaneous impulsive effects. <i>Bulletin Des Sciences Mathematiques</i> , 2020 , 159, 102827	0.7	7
184	On relative controllability of delayed difference equations with multiple control functions 2015 ,		6
183	Existence and uniqueness and first order approximation of solutions to atmospheric Ekman flows. <i>Monatshefte Fur Mathematik</i> , 2020 , 193, 623-636	0.7	6
182	Existence and uniqueness results for a second order differential equation for the ocean flow in arctic gyres. <i>Monatshefte Fur Mathematik</i> , 2020 , 193, 177-192	0.7	6
181	Solvability of fully nonlinear functional equations involving Erdős-Kober fractional integrals on the unbounded interval. <i>Optimization</i> , 2014 , 63, 1235-1248	1.2	6
180	Periodic Travelling Waves of Forced FPU Lattices. <i>Journal of Dynamics and Differential Equations</i> , 2013 , 25, 795-820	1.3	6
179	Criteria on the Nonexistence of Invariant Lipschitz Submanifolds for Dynamical Systems. <i>Journal of Differential Equations</i> , 2001 , 174, 392-419	2.1	6
178	Nonlocal Cauchy problems for fractional evolution equations involving Volterra-Fredholm type integral operators. <i>Miskolc Mathematical Notes</i> , 2012 , 13, 127	2.1	6
177	Periodic solutions and stability of linear evolution equations with noninstantaneous impulses. <i>Miskolc Mathematical Notes</i> , 2019 , 20, 1299	2.1	6

176	On the Poincaré-Andronov-Melnikov method for the existence of grazing impact periodic solutions of differential equations. <i>Journal of Differential Equations</i> , 2020 , 268, 3725-3748	2.1	6
175	Positive solutions to integral boundary value problems from geophysical fluid flows. <i>Monatshefte Fur Mathematik</i> , 2020 , 193, 901-925	0.7	6
174	Quaternion-Valued Linear Impulsive Differential Equations. <i>Qualitative Theory of Dynamical Systems</i> , 2021 , 20, 1	0.8	6
173	Representation of Solutions and Finite Time Stability for Delay Differential Systems with Impulsive Effects. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2019 , 20, 205-221	1.8	6
172	Note on weakly fractional differential equations. <i>Advances in Difference Equations</i> , 2019 , 2019,	3.6	5
171	Rich dynamics and anticontrol of extinction in a prey-predator system. <i>Nonlinear Dynamics</i> , 2019 , 98, 1421-1445	5	5
170	Travelling Waves in Nonlinear Magnetic Metamaterials. <i>Advances in Dynamics, Patterns, Cognition</i> , 2014 , 335-358	0.7	5
169	Multivalued perturbations of a saddle dynamics. <i>Differential Equations and Dynamical Systems</i> , 2010 , 18, 29-56	0.8	5
168	A symmetry theorem for variational problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1991 , 16, 499-506	1.3	5
167	A new method for the existence of solutions of nonlinear differential equations. <i>Journal of Differential Equations</i> , 1991 , 89, 203-223	2.1	5
166	Alternative results and robustness for fractional evolution equations with periodic boundary conditions. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2011 , 1-15	0.5	5
165	Controllability of conformable differential systems. <i>Nonlinear Analysis: Modelling and Control</i> , 2020 , 25,	1.3	5
164	On the uniqueness, stability and hyperbolicity of symmetric and periodic solutions of weakly nonlinear ordinary differential equations. <i>Miskolc Mathematical Notes</i> , 2009 , 10, 11	2.1	5
163	Bifurcation of heteroclinic orbits for diffeomorphisms. <i>Applications of Mathematics</i> , 1991 , 36, 355-367		5
162	Discretization in the method of averaging. <i>Proceedings of the American Mathematical Society</i> , 1991 , 113, 1105-1105	0.8	5
161	A New Class of (ω, c) -Periodic Non-instantaneous Impulsive Differential Equations. <i>Mediterranean Journal of Mathematics</i> , 2020 , 17, 1	0.9	5
160	Convergence Analysis for Iterative Learning Control of Conformable Impulsive Differential Equations ¹		5
159	On the nonlocal boundary value problem of geophysical fluid flows. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2021 , 72, 1	1.6	5

158	Ulam Stability and Existence of Solutions to the Generalized Liouville-Caputo Fractional Differential Equations. <i>Symmetry</i> , 2020 , 12, 955	2.7	4
157	BP Neural Network Calculus in Economic Growth Modelling of the Group of Seven. <i>Mathematics</i> , 2020 , 8, 37	2.3	4
156	Boundedness, periodicity, and conditional stability of noninstantaneous impulsive evolution equations. <i>Mathematical Methods in the Applied Sciences</i> , 2020 , 43, 5905-5926	2.3	4
155	Convergence characteristics of PD-type and PDD π -type iterative learning control for impulsive differential systems with unknown initial states. <i>JVC/Journal of Vibration and Control</i> , 2018 , 24, 3726-3743	2.3	4
154	Fast-slow dynamical approximation of forced impact systems near periodic solutions. <i>Boundary Value Problems</i> , 2013 , 2013,	2.1	4
153	Bifurcation from single periodic orbit in discontinuous autonomous systems. <i>Applicable Analysis</i> , 2013 , 92, 1085-1100	0.8	4
152	On the existence of solutions connecting singularities in nonlinear RLC circuits. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2015 , 116, 26-36	1.3	4
151	Bifurcation from homoclinic to periodic solutions in singularly perturbed differential inclusions. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 1997 , 127, 727-753	1	4
150	Transversal Bounded Solutions in Systems with Normal and Slow Variables. <i>Journal of Differential Equations</i> , 2000 , 165, 123-142	2.1	4
149	Homoclinic-Hopf interaction: an autoparametric bifurcation. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2000 , 130, 999-1015	1	4
148	Periodic Solutions of Certain Abstract Wave Equations. <i>Proceedings of the American Mathematical Society</i> , 1995 , 123, 465	0.8	4
147	Singular perturbed problems in ordinary differential equations. <i>Journal of Mathematical Analysis and Applications</i> , 1992 , 163, 38-46	1.1	4
146	Minimal periods of periodic solutions. <i>Miskolc Mathematical Notes</i> , 2006 , 7, 121	2.1	4
145	On the existence of chaotic behaviour of diffeomorphisms. <i>Applications of Mathematics</i> , 1993 , 38, 101-122		4
144	Practical Ulam-Hyers-Rassias stability for nonlinear equations 2017 , 142, 47-56		4
143	On symmetric and periodic solutions of parametric weakly nonlinear ODE with time-reversal symmetries. <i>Bulletin of the Belgian Mathematical Society - Simon Stevin</i> , 2011 , 18,	2.1	4
142	Periodic mild solutions of impulsive fractional evolution equations. <i>AIMS Mathematics</i> , 2020 , 5, 497-506	2.2	4
141	The interaction of linear boundary value and nonlinear functional conditions. <i>Annales Polonici Mathematici</i> , 1993 , 58, 299-310	1.3	4

140	Kink-like periodic travelling waves for lattice equations with on-site and inter-site potentials. <i>Dynamics of Partial Differential Equations</i> , 2005 , 2, 357-370	0.8	4
139	The Ćariu-Radu Method for Existence, Uniqueness and Gauss Hypergeometric Stability of Ćilfer Fractional Differential Equations. <i>Mathematics</i> , 2021 , 9, 1408	2.3	4
138	Local and Global Analysis for Discontinuous Atmospheric Ekman Equations. <i>Journal of Dynamics and Differential Equations</i> , 1	1.3	4
137	Note on a parameter switching method for nonlinear ODEs. <i>Mathematica Slovaca</i> , 2016 , 66, 439-448	0.7	4
136	Explicit solution and dynamical properties of atmospheric Ekman flows with boundary conditions. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2021 , 1-19	0.5	4
135	Travelling waves in nonlinear magneto-inductive lattices. <i>Journal of Differential Equations</i> , 2016 , 260, 1717-1746	2.1	3
134	Persistence of periodic orbits in periodically forced impact systems. <i>Mathematica Slovaca</i> , 2014 , 64,	0.7	3
133	Melnikov theory for weakly coupled nonlinear RLC circuits. <i>Boundary Value Problems</i> , 2014 , 2014,	2.1	3
132	Existence, uniqueness and limit property of solutions to quadratic Erdlyi-Kober type integral equations of fractional order. <i>Open Physics</i> , 2013 , 11,	1.3	3
131	On Numerical Integration of Discontinuous Dynamical Systems. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750218	2	3
130	Observability of difference equations with a delay 2013 ,		3
129	Chaos in ordinary differential equations with multivalued perturbations: Applications to dry friction problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 1997 , 30, 1355-1364	1.3	3
128	Bifurcation conditions for a solution of an abstract wave equation. <i>Differential Equations</i> , 2007 , 43, 495-507	1.7	3
127	Chaos in the beam equation. <i>Journal of Differential Equations</i> , 2005 , 209, 172-227	2.1	3
126	A Galerkin-averaging method for weakly nonlinear equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2000 , 41, 345-369	1.3	3
125	Discontinuous wave equations and a topological degree for some classes of multi-valued mappings. <i>Applications of Mathematics</i> , 1999 , 44, 15-32		3
124	Bifurcation of Periodics and Subharmonics in Abstract Nonlinear Undamped Wave Equations. <i>Journal of Differential Equations</i> , 1999 , 153, 41-60	2.1	3
123	Differential equations with nonlinear boundary conditions. <i>Proceedings of the American Mathematical Society</i> , 1994 , 121, 103-103	0.8	3

122	Note on fractional difference Gronwall inequalities. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2014 , 1-18	0.5	3
121	Forced Fermi-Pasta-Ulam lattice maps. <i>Miskolc Mathematical Notes</i> , 2013 , 14, 63	2.1	3
120	Pseudo almost periodic solutions of an iterative equation with variable coefficients. <i>Miskolc Mathematical Notes</i> , 2017 , 18, 515	2.1	3
119	The Existence of Chaos for Ordinary Differential Equations with a Center Manifold. <i>Bulletin of the Belgian Mathematical Society - Simon Stevin</i> , 2004 , 11,	2.1	3
118	Blue sky catastrophes in weakly coupled chains of reversible oscillators. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2003 , 3, 193-200	1.3	3
117	Nontrivial critical points of asymptotically quadratic functions at resonances. <i>Annales Polonici Mathematici</i> , 1997 , 67, 43-57	1.3	3
116	The existence of chaos in infinite dimensional non-resonant systems. <i>Dynamics of Partial Differential Equations</i> , 2008 , 5, 185-209	0.8	3
115	Difference equations with impulses. <i>Opuscula Mathematica</i> , 2019 , 39, 5-22	2.6	3
114	Note on Periodic and Asymptotically Periodic Solutions of Fractional Differential Equations. <i>Studies in Systems, Decision and Control</i> , 2020 , 153-185	0.8	3
113	Periodic boundary value problem for second-order differential equations from geophysical fluid flows. <i>Monatshefte Fur Mathematik</i> , 2021 , 195, 523-540	0.7	3
112	Dynamics of a Discrete Nonlinear Prey-Predator Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050055	2	3
111	Maximal and minimal nondecreasing bounded solutions of iterative functional differential equations. <i>Applied Mathematics Letters</i> , 2021 , 113, 106886	3.5	3
110	A new approach to study constant vorticity water flows in the β -plane approximation with centripetal forces. <i>Dynamics of Partial Differential Equations</i> , 2021 , 18, 199-210	0.8	3
109	ω -periodic solutions of impulsive evolution equations. <i>Evolution Equations and Control Theory</i> , 2021 ,	2	3
108	Iterative learning control for multi-agent systems with impulsive consensus tracking. <i>Nonlinear Analysis: Modelling and Control</i> , 2021 , 26, 130-150	1.3	3
107	Existence results of solutions for impulsive fractional differential equations. <i>Nonautonomous Dynamical Systems</i> , 2018 , 5, 35-51	0.7	3
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