Juan L G Guirao

List of Publications by Year
in descending order

192	2,821	159585	243625
papers	citations	30 h-index	44 g-index

195	195	195	1283
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The global sliding mode tracking control for a class of variable order fractional differential systems. Chaos, Solitons and Fractals, 2022, 154, 111674.	5.1	10
2	Low-carbon strategies in dual-channel supply chain under risk aversion. Mathematical Biosciences and Engineering, 2022, 19, 4765-4793.	1.9	5
3	Computing Edge Version of Resolvability and Double Resolvability of a Graph. Journal of Chemistry, 2022, 2022, 1-11.	1.9	4
4	On the Periodic Solutions for the Perturbed Spatial Quantized Hill Problem. Mathematics, 2022, 10, 614.	2.2	8
5	A Stimulator of the Salivary Excretion Based on Physical Vibration of the Parotid Glands. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-9.	1.3	1
6	Design of neuro-swarming computational solver for the fractional Bagleyâ€“Torvik mathematical model. European Physical Journal Plus, 2022, 137, 245.	2.6	17
7	Different Stochastic Resonances Induced by Multiplicative Polynomial Trichotomous Noise in a Fractional Order Oscillator with Time Delay and Fractional Gaussian Noise. Fractal and Fractional, 2022, 6, 191.	3.3	9
8	Moment Lyapunov exponent and stochastic stability of a vibro-impact system driven by Gaussian white noise. International Journal of Non-Linear Mechanics, 2022, 142, 103968.	2.6	4
9	Deeper properties of the nonlinear Phi-four and Gross-Pitaevskii equations arising mathematical physics. Modern Physics Letters B, 2022, 36, .	1.9	3
10	Design of Mayer Wavelet Neural Networks for Solving Functional Nonlinear Singular Differential Equation. Mathematical Problems in Engineering, 2022, 2022, 1-11.	1.1	2
11	The Tracking Control of the Variable-Order Fractional Differential Systems by Time-Varying Sliding-Mode Control Approach. Fractal and Fractional, 2022, 6, 231.	3.3	2
12	Existence of Periodic Solutions for a Class of the Generalized LiÃ©nard Equations. Symmetry, 2022, 14, 944.	2.2	1
13	The effect of Ag on the structural, dielectric, linear and third-order nonlinear optical properties of graphitic carbon nitride nanosheets. Journal of Molecular Structure, 2022, 1263, 133171.	3.6	6
14	A Discrete Dynamics Approach to a Tumor System. Mathematics, 2022, 10, 1774.	2.2	2
15	Using Maxwell Distribution to Handle Selectorâ€™s Indecisiveness in Choice Data: A New Latent Bayesian Choice Model. Applied Sciences (Switzerland), 2022, 12, 6337.	2.5	1
16	Analysis of stochastic resonance in coupled oscillator with fractional damping disturbed by polynomial dichotomous noise. Nonlinear Dynamics, 2022, 110, 1233-1251.	5.2	4
17	Integrated intelligent computing paradigm for nonlinear multi-singular third-order Emdenâ€“Fowler equation. Neural Computing and Applications, 2021, 33, 3417-3436.	5.6	53
18	Solving a class of biological HIV infection model of latently infected cells using heuristic approach. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 3611.	1.1	35

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19	Zero-Hopf Bifurcation in a Generalized Genesio Differential Equation. Mathematics, 2021, 9, 354.	2.2	1
20	Finite time stability and sliding mode control for uncertain variable fractional order nonlinear systems. Advances in Difference Equations, 2021, 2021, .	3.5	13
21	Instability modulation properties of the (2 + 1)-dimensional Kunduâ€“Mukherjeeâ€“Naskar model in travelling wave solutions. Modern Physics Letters B, 2021, 35, 2150217.	1.9	6
22	Numerical Solutions Caused by DGJIM and ADM Methods for Multi-Term Fractional BVP Involving the Generalized Ï‘-RL-Operators. Symmetry, 2021, 13, 532.	2.2	28
23	Some Higher-Degree Lacunary Fractional Splines in the Approximation of Fractional Differential Equations. Symmetry, 2021, 13, 422.	2.2	12
24	DESIGN OF NEURO-SWARMING HEURISTIC SOLVER FOR MULTI-PANTOGRAPH SINGULAR DELAY DIFFERENTIAL EQUATION. Fractals, 2021, 29, 2140022.	3.7	30
25	On the Periodic Structure of the Rabinovitch-Fabrikant System. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	2
26	A novel design of fractional Meyer wavelet neural networks with application to the nonlinear singular fractional Lane-Emden systems. AEJ - Alexandria Engineering Journal, 2021, 60, 2641-2659.	6.4	92
27	Solving a novel designed second order nonlinear Laneâ€“Emden delay differential model using the heuristic techniques. Applied Soft Computing Journal, 2021, 102, 107105.	7.2	62
28	Periodic Solutions of Nonlinear Relative Motion Satellites. Symmetry, 2021, 13, 595.	2.2	8
29	Comparative Analysis of Hybrid Fuzzy MCGDM Methodologies for Optimal Robot Selection Process. Symmetry, 2021, 13, 839.	2.2	9
30	Adomian Decomposition and Fractional Power Series Solution of a Class of Nonlinear Fractional Differential Equations. Mathematics, 2021, 9, 1070.	2.2	22
31	Domination of Fuzzy Incidence Graphs with the Algorithm and Application for the Selection of a Medical Lab. Mathematical Problems in Engineering, 2021, 2021, 1-11.	1.1	8
32	A Study on Fuzzy Order Bounded Linear Operators in Fuzzy Riesz Spaces. Mathematics, 2021, 9, 1512.	2.2	3
33	A Fractional Approach to a Computational Eco-Epidemiological Model with Holling Type-II Functional Response. Symmetry, 2021, 13, 1159.	2.2	6
34	Numerical solutions of SchrÃ¶dinger wave equation and Transport equation through Sinc collocation method. Nonlinear Dynamics, 2021, 105, 691-705.	5.2	8
35	Regarding New Traveling Wave Solutions for the Mathematical Model Arising in Telecommunications. Advances in Mathematical Physics, 2021, 2021, 1-11.	0.8	5
36	Numerical computing approach for solving Hunter-Saxton equation arising in liquid crystal model through sinc collocation method. Heliyon, 2021, 7, e07600.	3.2	11

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37	Domination in Join of Fuzzy Incidence Graphs Using Strong Pairs with Application in Trading System of Different Countries. Symmetry, 2021, 13, 1279.	2.2	8
38	Some New Fractional Estimates of Inequalities for LR-p-Convex Interval-Valued Functions by Means of Pseudo Order Relation. Axioms, 2021, 10, 175.	1.9	27
39	Relativistic Cosmology with an Introduction to Inflation. Universe, 2021, 7, 276.	2.5	5
40	Construction of an Approximate Analytical Solution for Multi-Dimensional Fractional Zakharovâ€“Kuznetsov Equation via Aboodh Adomian Decomposition Method. Symmetry, 2021, 13, 1542.	2.2	16
41	Applications to Boundary Value Problems and Homotopy Theory via Tripled Fixed Point Techniques in Partially Metric Spaces. Mathematics, 2021, 9, 2012.	2.2	20
42	On the perturbations of maps obeying Shannonâ€“Whittakerâ€“Kotelâ€™nikovâ€™s theorem generalization. Advances in Difference Equations, 2021, 2021, .	3.5	1
43	A Combinatorial Approach to the Computation of the Fractional Edge Dimension of Graphs. Mathematics, 2021, 9, 2364.	2.2	1
44	Analysis of nominal halo orbits in the Sunâ€“Earth system. Archive of Applied Mechanics, 2021, 91, 4751-4763.	2.2	9
45	Meyer wavelet neural networks to solve a novel design of fractional order pantograph Lane-Emden differential model. Chaos, Solitons and Fractals, 2021, 152, 111404.	5.1	42
46	New Chebyshev type inequalities via a general family of fractional integral operators with a modified Mittag-Leffler kernel. AIMS Mathematics, 2021, 6, 11167-11186.	1.6	13
47	Neuro-Swarm heuristic using interior-point algorithm to solve a third kind of multi-singular nonlinear system. Mathematical Biosciences and Engineering, 2021, 18, 5285-5308.	1.9	8
48	A Note on the Periodic Solutions for a Class of Third Order Differential Equations. Symmetry, 2021, 13, 31.	2.2	4
49	Fuzzy Mixed Variational-like and Integral Inequalities for Strongly Preinvex Fuzzy Mappings. Symmetry, 2021, 13, 1816.	2.2	9
50	Some Inequalities of Extended Hypergeometric Functions. Mathematics, 2021, 9, 2702.	2.2	2
51	Analytical predictorâ€“corrector entry guidance for hypersonic gliding vehicles. International Journal of Nonlinear Sciences and Numerical Simulation, 2021, 22, 955-971.	1.0	1
52	Periodic solutions and their stability for some perturbed Hamiltonian systems. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150013.	2.0	0
53	Fuzzy-interval inequalities for generalized preinvex fuzzy interval valued functions. Mathematical Biosciences and Engineering, 2021, 19, 812-835.	1.9	8
54	A novel design of Gudermannian function as a neural network for the singular nonlinear delayed, prediction and pantograph differential models. Mathematical Biosciences and Engineering, 2021, 19, 663-687.	1.9	17

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55	Some Integral Inequalities for Generalized Convex Fuzzy-Interval-Valued Functions via Fuzzy Riemann Integrals. International Journal of Computational Intelligence Systems, 2021, 14, .	2.7	15
56	Integral Inequalities for Generalized Harmonically Convex Functions in Fuzzy-Interval-Valued Settings. Symmetry, 2021, 13, 2352.	2.2	11
57	Swarm Intelligence Procedures Using Meyer Wavelets as a Neural Network for the Novel Fractional Order Pantograph Singular System. Fractal and Fractional, 2021, 5, 277.	3.3	7
58	Shannonâ€“Whittakerâ€“Kotelâ€™nikovâ€™s theorem generalized revisited. Journal of Mathematical Chemistry, 2020, 58, 893-905.	1.5	4
59	Periodic solution of the nonlinear Sitnikov restricted three-body problem. New Astronomy, 2020, 75, 101319.	1.8	39
60	Complex Patterns to the (3+1)-Dimensional B-type Kadomtsev-Petviashvili-Boussinesq Equation. Symmetry, 2020, 12, 17.	2.2	32
61	The dynamics of the relativistic Kepler problem. Results in Physics, 2020, 19, 103406.	4.1	4
62	The Effects of Activation Energy and Thermophoretic Diffusion of Nanoparticles on Steady Micropolar Fluid along with Brownian Motion. Advances in Materials Science and Engineering, 2020, 2020, 1-12.	1.8	72
63	On the Stability of la Ciervaâ€™s Autogiro. Mathematics, 2020, 8, 2032.	2.2	0
64	A Neuro-Swarming Intelligence-Based Computing for Second Order Singular Periodic Non-linear Boundary Value Problems. Frontiers in Physics, 2020, 8, .	2.1	72
65	Integrated intelligent computing with neuro-swarming solver for multi-singular fourth-order nonlinear Emdenâ€“Fowler equation. Computational and Applied Mathematics, 2020, 39, 1.	2.2	64
66	Design and Numerical Solutions of a Novel Third-Order Nonlinear Emdenâ€“Fowler Delay Differential Model. Mathematical Problems in Engineering, 2020, 2020, 1-9.	1.1	73
67	Design of a Novel Second-Order Prediction Differential Model Solved by Using Adams and Explicit Rungeâ€“Kutta Numerical Methods. Mathematical Problems in Engineering, 2020, 2020, 1-7.	1.1	15
68	Multiple Criteria Decision-Making Based on Vector Similarity Measures under the Framework of Dual Hesitant Fuzzy Sets. Discrete Dynamics in Nature and Society, 2020, 2020, 1-11.	0.9	6
69	Impact of Activation Energy and Temperature-Dependent Heat Source/Sink on Maxwellâ€“Sutterby Fluid. Mathematical Problems in Engineering, 2020, 2020, 1-15.	1.1	46
70	Generalized Concentration-Compactness Principles for Variable Exponent Lebesgue Spaces with Asymptotic Analysis of Low Energy Extremals. Mathematics, 2020, 8, 1849.	2.2	2
71	DESIGN OF A NONLINEAR SITR FRACTAL MODEL BASED ON THE DYNAMICS OF A NOVEL CORONAVIRUS (COVID-19). Fractals, 2020, 28, 2040026.	3.7	82
72	Intelligence computing approach for solving second order system of Emdenâ€“Fowler model. Journal of Intelligent and Fuzzy Systems, 2020, 38, 7391-7406.	1.4	49

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73	THE EXISTENCE OF THE EXTREMAL SOLUTION FOR THE BOUNDARY VALUE PROBLEMS OF VARIABLE FRACTIONAL ORDER DIFFERENTIAL EQUATION WITH CAUSAL OPERATOR. Fractals, 2020, 28, 2040025.	3.7	12
74	Nordhausâ€“Gaddum type inequalities for some distance-based indices of bipartite molecular graphs. Journal of Mathematical Chemistry, 2020, 58, 1345-1352.	1.5	4
75	Stochastic numerical technique for solving HIV infection model of CD4+ T cells. European Physical Journal Plus, 2020, 135, 1.	2.6	127
76	The Extension Degree Conditions for Fractional Factor. Acta Mathematica Sinica, English Series, 2020, 36, 305-317.	0.6	11
77	Regarding New Wave Patterns of the Newly Extended Nonlinear (2+1)-Dimensional Boussinesq Equation with Fourth Order. Mathematics, 2020, 8, 341.	2.2	33
78	Complex mixed dark-bright wave patterns to the modified Î± and modified Vakhnenko-Parkes equations. AEJ - Alexandria Engineering Journal, 2020, 59, 2149-2160.	6.4	14
79	On Valency-Based Molecular Topological Descriptors of Subdivision Vertex-Edge Join of Three Graphs. Symmetry, 2020, 12, 1026.	2.2	15
80	Kernel sections and global dynamics of nonautonomous Eulerâ€“Bernoulli beam equations. European Physical Journal Plus, 2020, 135, 1.	2.6	0
81	Topological entropy of continuous self-maps on closed surfaces. Journal of Difference Equations and Applications, 2020, 26, 203-208.	1.1	0
82	On a New Model Based on Third-Order Nonlinear Multisingular Functional Differential Equations. Mathematical Problems in Engineering, 2020, 2020, 1-9.	1.1	39
83	Numerical investigations of a new singular second-order nonlinear coupled functional Laneâ€“Emden model. Open Physics, 2020, 18, 770-778.	1.7	49
84	A Planar Five-body Problem in a Framework of Heterogeneous and Mass Variation Effects. Astronomical Journal, 2020, 160, 216.	4.7	32
85	Existence of the solution and stability for a class of variable fractional order differential systems. Chaos, Solitons and Fractals, 2019, 128, 269-274.	5.1	24
86	A Toughness Condition for Fractional (k, m)-deleted Graphs Revisited. Acta Mathematica Sinica, English Series, 2019, 35, 1227-1237.	0.6	22
87	Multiple Criteria Decision Making Based on Probabilistic Interval-Valued Hesitant Fuzzy Sets by Using LP Methodology. Discrete Dynamics in Nature and Society, 2019, 2019, 1-12.	0.9	12
88	Topological entropy of continuous self-maps on a graph. Computational and Applied Mathematics, 2019, 38, 1.	2.2	0
89	Parameters and fractional factors in different settings. Journal of Inequalities and Applications, 2019, 2019, .	1.1	5
90	Calculating Hausdorff Dimension in Higher Dimensional Spaces. Symmetry, 2019, 11, 564.	2.2	7

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91	Stochastic Eulerâ€“Bernoulli beam driven by additive white noise: Global random attractors and global dynamics. Nonlinear Analysis: Theory, Methods & Applications, 2019, 185, 216-246.	1.1	4
92	The boundary control strategy for a fractional wave equation with external disturbances. Chaos, Solitons and Fractals, 2019, 121, 92-97.	5.1	8
93	On the Periodic Structure of the Anisotropic Manev Problem. Qualitative Theory of Dynamical Systems, 2019, 18, 987-999.	1.7	2
94	On the periods of a continuous self-map on a graph. Computational and Applied Mathematics, 2019, 38, 1.	2.2	0
95	On the Symmetry of the Bone Structure Density over the Nasopalatine Foramen via Accurate Fractal Dimension Analysis. Symmetry, 2019, 11, 202.	2.2	4
96	Investigation of Two-Dimensional Viscoelastic Fluid with Nonuniform Heat Generation over Permeable Stretching Sheet with Slip Condition. Complexity, 2019, 2019, 1-8.	1.6	16
97	More than seventy years from a milestone in fractal geometry: Moranâ€™s theorem. Chaos, 2019, 29, 013106.	2.5	1
98	A discrete dynamics approach to sparse calculation and applied in ontology science. Journal of Difference Equations and Applications, 2019, 25, 1239-1254.	1.1	6
99	Periodic orbits for the perturbed planar circular restricted 3â€“body problem. Discrete and Continuous Dynamical Systems - Series B, 2019, 24, 1007-1020.	0.9	15
100	Fractal Dimension for IFS-Attractors Revisited. Qualitative Theory of Dynamical Systems, 2018, 17, 709-722.	1.7	3
101	Two Tight Independent Set Conditions for Fractional (g,Âf,Âm)-Deleted Graphs Systems. Qualitative Theory of Dynamical Systems, 2018, 17, 231-243.	1.7	42
102	Edge Irregular Reflexive Labeling for Disjoint Union of Generalized Petersen Graph. Mathematics, 2018, 6, 304.	2.2	8
103	On topological properties of block shift and hierarchical hypercube networks. Open Physics, 2018, 16, 810-819.	1.7	2
104	An intelligent approach for curve filling. Journal of Intelligent and Fuzzy Systems, 2018, 35, 3931-3936.	1.4	1
105	Partial multi-dividing ontology learning algorithm. Information Sciences, 2018, 467, 35-58.	6.9	179
106	Generalizing Taylor Expansion Series Through Succeeding Initial Value Problems. Qualitative Theory of Dynamical Systems, 2017, 16, 71-100.	1.7	0
107	Applying the Network Simulation Method for testing chaos in a resistively and capacitively shunted Josephson junction model. Results in Physics, 2017, 7, 813-822.	4.1	4
108	Periodic Orbits of the Planar Anisotropic Kepler Problem. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750039.	1.7	40

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109	On the libration collinear points in the restricted three â€“ body problem. Open Physics, 2017, 15, 58-67.	1.7	34
110	Periods of continuous mapson closed surfaces. Rocky Mountain Journal of Mathematics, 2017, 47, .	0.4	0
111	Periods of continuous maps on some compact spaces. Journal of Difference Equations and Applications, 2017, 23, 1-7.	1.1	15
112	The spatial Hill lunar problem: periodic solutions emerging from equilibria. Dynamical Systems, 2017, 32, 340-353.	0.4	4
113	Similarity dimension for IFS-attractors. Journal of Intelligent and Fuzzy Systems, 2017, 33, 2631-2635.	1.4	0
114	Topological Indices of the Line Graph of Subdivision Graph of Complete Bipartite Graphs. Applied Mathematics and Information Sciences, 2017, 11, 1631-1636.	0.5	23
115	Periodic orbits of a perturbed 3-dimensional isotropic oscillator with axial symmetry. Nonlinear Dynamics, 2016, 83, 839-848.	5.2	2
116	New families of periodic orbits for a galactic potential. Chaos, Solitons and Fractals, 2016, 82, 97-102.	5.1	11
117	New trends in nonlinear dynamics and chaoticity. Nonlinear Dynamics, 2016, 84, 1-2.	5.2	64
118	On the perturbed restricted three-body problem. Applied Mathematics and Nonlinear Sciences, 2016, 1, 123-144.	1.6	41
119	Periodic orbits around the collinear libration points. Journal of Nonlinear Science and Applications, 2016, 09, 1716-1727.	1.0	39
120	On local fractional Volterra integral equations in fractal heat transfer. Thermal Science, 2016, 20, 795-800.	1.1	2
121	Periods of Homeomorphisms on Closed Surfaces. Springer Proceedings in Mathematics and Statistics, 2016, , 171-178.	0.2	1
122	Editorial â€" Nonlinear Dynamics and Complexity. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1502002.	1.7	0
123	On Diffeomorphisms of Compact 2-Manifolds with All Nonwandering Points Being Periodic. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1540020.	1.7	1
124	A First Order Automated Lie Transform. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1540026.	1.7	33
125	The effect of zonal harmonic coefficients in the framework of the restricted three-body problem. Advances in Space Research, 2015, 55, 1660-1672.	2.6	40
126	On Sufficient Conditions of Stability of the Permanent Rotations of a Heavy Triaxial Gyrostat. Qualitative Theory of Dynamical Systems, 2015, 14, 265-280.	1.7	8

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127	Dynamics of a dumbbell satellite under the zonal harmonic effect of an oblate body. Communications in Nonlinear Science and Numerical Simulation, 2015, 20, 1057-1069.	3.3	35
128	Dynamics of a tethered satellite with variable mass. Discrete and Continuous Dynamical Systems - Series S, 2015, 8, 1035-1045.	1.1	3
129	Stability of equilibria points for a dumbbell satellite when the central body is oblate spheroid. Discrete and Continuous Dynamical Systems - Series S, 2015, 8, 1047-1054.	1.1	6
130	Solving fractal steady heat-transfer problems with the local fractional Sumudu transform. Thermal Science, 2015, 19, 637-641.	1.1	1
131	New trends on nonlinear dynamics and its applications. Discrete and Continuous Dynamical Systems - Series S, 2015, 8, i-ii.	1.1	0
132	A note on the periodic orbits of a self excited rigid body. Mechanics Research Communications, 2014, 56, 50-52.	1.8	2
133	Decomposition of pseudo-radioactive chemical products with a mathematical approach. Journal of Mathematical Chemistry, 2014, 52, 1059-1065.	1.5	4
134	Numerical integration of the restricted three-body problem with Lie series. Astrophysics and Space Science, 2014, 354, 369-378.	1.4	32
135	On the dynamics of the rigid body with a fixed point: periodic orbits and integrability. Nonlinear Dynamics, 2013, 74, 327-333.	5.2	11
136	Periodic solutions induced by an upright position of small oscillations of a sleeping symmetrical gyrostat. Nonlinear Dynamics, 2013, 73, 417-425.	5.2	7
137	Periodic Structure of Transversal Maps on $$mathbb{C }$$ P ^{n} , $$mathbb{H }$$ P ^{n} and $$mathbb{S }^{p}imes mathbb{S }^{q}$$. Qualitative Theory of Dynamical Systems, 2013, 12, 417-425.	1.7	6
138	On the periodic solutions of a rigid dumbbell satellite in a circular orbit. Astrophysics and Space Science, 2013, 346, 437-442.	1.4	6
139	Periodic orbits of Hamiltonian systems: Applications to perturbed Kepler problems. Chaos, Solitons and Fractals, 2013, 57, 105-111.	5.1	11
140	On the set of periods for the Morseâ€“Smale diffeomorphisms on the disc withNholes. Journal of Difference Equations and Applications, 2013, 19, 1161-1173.	1.1	2
141	On the dynamics of a 4d local Cournot model. Applied Mathematics and Information Sciences, 2013, 7, 857-865.	0.5	3
142	A note on the Definition of aâ€“limit Set. Applied Mathematics and Information Sciences, 2013, 7, 1929-1932.	0.5	9
143	Petri Nets and Discrete Events Systems. , 2013, , 231-240.		1
144	Towards the Evolutionary Process Algebra. Journal of Advanced Mathematics and Applications, 2013, 2, 48-58.	0.5	0

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145	Special issue dedicated to Francisco Balibrea on the occasion of his 60th birthday. Journal of Difference Equations and Applications, 2012, 18, 531-533.	1.1	0
146	Periodics orbits and C1-integrability in the planar Starkâ€“Zeeman problem. Journal of Mathematical Physics, 2012, 53, 082701.	1.1	6
147	Generalized van der Waals Hamiltonian: Periodic orbits and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>C</mml:mi><mml:mn>1</mml:mn></mml:msup></mml:math>nonintegrability. Physical Review E, 2012, 85, 036603.	2.1	7
148	On the dynamics of an inflation ISâ€ŁM model. Economic Modelling, 2012, 29, 2090-2094.	3.8	6
149	Equilibria, stability and Hamiltonian Hopf bifurcation of a gyrostat in an incompressible ideal fluid. Physica D: Nonlinear Phenomena, 2012, 241, 1648-1654.	2.8	8
150	A note on the equilibria of an economic model with local competition â€œÃ la Cournotâ€• Journal of Computational and Applied Mathematics, 2012, 236, 3052-3057.	2.0	3
151	C1 non-integrability of a hydrogen atom in a circularly polarized microwave field. Open Physics, 2012, 10, .	1.7	0
152	Dynamics of pseudo-radioactive chemical products via sampling theory. Journal of Mathematical Chemistry, 2012, 50, 374-378.	1.5	7
153	Advances in computational and mathematical chemistry. Journal of Mathematical Chemistry, 2012, 50, 311-312.	1.5	3
154	$mathcal{C}^{1}$ SELF-MAPS ON $mathbb{S}^{n}$, $mathbb{S}^{n}imes mathbb{S}^{m}$, $mathbb{C}$P^{n} AND $mathbb{H}$P^{n} WITH ALL THEIR PERIODIC ORBITS HYPERBOLIC. Taiwanese Journal of Mathematics, 2012, 16, .	0.4	2
155	On the Lefschetz periodic point free continuous self-maps on connected compact manifolds. Topology and Its Applications, 2011, 158, 2165-2169.	0.4	10
156	An Asymptotic Sampling Recomposition Theorem for Gaussian Signals. Mediterranean Journal of Mathematics, 2011, 8, 349-367.	0.8	3
157	Stability of the Rydberg atom in the crossed magnetic and electric fields. International Journal of Quantum Chemistry, 2011, 111, 970-977.	2.0	1
158	A dynamical model of parallel computation on bi-infinite time-scale. Journal of Computational and Applied Mathematics, 2011, 235, 1826-1832.	2.0	1
159	Nonlinear stability of the equilibria in a double-bar rotating system. Journal of Computational and Applied Mathematics, 2011, 235, 1819-1825.	2.0	4
160	Modeling the dynamics of concurrent computing systems. Computers and Mathematics With Applications, 2011, 61, 1402-1406.	2.7	16
161	Sufficient conditions for a nondegenerate Hopf bifurcation in a generalized Lagrangeâ€“Poisson problem. Journal of Mathematical Physics, 2011, 52, 032701.	1.1	2
162	Petri Nets and Discrete Events Systems. International Journal of Software Science and Computational Intelligence, 2011, 3, 13-22.	3.0	0

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163	Dynamics of a gyrostat on cylindrical and inclined Eulerian equilibria in the three-body problem. Acta Astronautica, 2010, 66, 595-604.	3.2	13
164	Nonwandering set of points of skew-product maps with base having closed set of periodic points. Journal of Mathematical Analysis and Applications, 2010, 362, 350-354.	1.0	7
165	Positive entropy of a coupled lattice system related with Belusov-Zhabotinskii reaction. Journal of Mathematical Chemistry, 2010, 48, 66-71.	1.5	15
166	Chaos of a coupled lattice system related with the Belusovâ€“Zhabotinskii reaction. Journal of Mathematical Chemistry, 2010, 48, 159-164.	1.5	20
167	Extensions of Cournot duopoly: An applied mathematical view. Applied Mathematics Letters, 2010, 23, 836-838.	2.7	6
168	DISTURBING SMOOTH TRANSITIVE INTERVAL MAPS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 2949-2953.	1.7	0
169	ON INVARIANT Îµ-SCRAMBLED SETS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 2925-2935.	1.7	6
170	Minimal Lefschetz sets of periods for Morseâ€“Smale diffeomorphisms on then-dimensional torus. Journal of Difference Equations and Applications, 2010, 16, 689-703.	1.1	11
171	Lagrangian relative equilibria for a gyrostat in the three-body problem: bifurcations and stability. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 195203.	2.1	11
172	A note on a problem on Ï‰-limit sets ofNâ€“dimensional skew-product maps. International Journal of Computer Mathematics, 2010, 87, 1228-1232.	1.8	0
173	Qualitative analysis of the phase flow of a Manev system in a rotating reference frame. International Journal of Computer Mathematics, 2009, 86, 1817-1830.	1.8	2
174	On solenoidal distribution of infinite Ï‰-limit sets. International Journal of Computer Mathematics, 2009, 86, 201-208.	1.8	0
175	Chaos on hyperspaces. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 1-8.	1.1	57
176	Universality with respect to -limit sets. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 1485-1495.	1.1	1
177	Detecting simple dynamics in Cournot-like models. Journal of Computational and Applied Mathematics, 2009, 233, 1091-1095.	2.0	6
178	Towards the Evolutionary Process Algebra. , 2009, , .		0
179	On skew-product maps with the base having a closed set of periodic points. International Journal of Computer Mathematics, 2008, 85, 441-445.	1.8	7
180	Transitivity of a Lotka-Volterra map. Discrete and Continuous Dynamical Systems - Series B, 2008, 9, 75-82.	0.9	1

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