

Juan L G Guirao

List of Publications by Year in descending order

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192
papers

2,821
citations

159585

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44
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195
all docs

195
docs citations

195
times ranked

1283
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial multi-dividing ontology learning algorithm. Information Sciences, 2018, 467, 35-58.	6.9	179
2	Stochastic numerical technique for solving HIV infection model of CD4+ T cells. European Physical Journal Plus, 2020, 135, 1.	2.6	127
3	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
4	DESIGN OF A NONLINEAR SITR FRACTAL MODEL BASED ON THE DYNAMICS OF A NOVEL CORONAVIRUS (COVID-19). Fractals, 2020, 28, 2040026.	3.7	82
5	Design and Numerical Solutions of a Novel Third-Order Nonlinear Emden-Fowler Delay Differential Model. Mathematical Problems in Engineering, 2020, 2020, 1-9.	1.1	73
6	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
7	A Neuro-Swarming Intelligence-Based Computing for Second Order Singular Periodic Non-linear Boundary Value Problems. Frontiers in Physics, 2020, 8, .	2.1	72
8	New trends in nonlinear dynamics and chaoticity. Nonlinear Dynamics, 2016, 84, 1-2.	5.2	64
9	Integrated intelligent computing with neuro-swarming solver for multi-singular fourth-order nonlinear Emden-Fowler equation. Computational and Applied Mathematics, 2020, 39, 1.	2.2	64
10	Solving a novel designed second order nonlinear Lane-Emden delay differential model using the heuristic techniques. Applied Soft Computing Journal, 2021, 102, 107105.	7.2	62
11	Chaos on hyperspaces. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 1-8.	1.1	57
12	Integrated intelligent computing paradigm for nonlinear multi-singular third-order Emden-Fowler equation. Neural Computing and Applications, 2021, 33, 3417-3436.	5.6	53
13	Intelligence computing approach for solving second order system of Emden-Fowler model. Journal of Intelligent and Fuzzy Systems, 2020, 38, 7391-7406.	1.4	49
14	Numerical investigations of a new singular second-order nonlinear coupled functional Lane-Emden model. Open Physics, 2020, 18, 770-778.	1.7	49
15	Impact of Activation Energy and Temperature-Dependent Heat Source/Sink on Maxwell-Sutterby Fluid. Mathematical Problems in Engineering, 2020, 2020, 1-15.	1.1	46
16	Two Tight Independent Set Conditions for Fractional $(g, \hat{A}f, \hat{A}m)$ -Deleted Graphs Systems. Qualitative Theory of Dynamical Systems, 2018, 17, 231-243.	1.7	42
17	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
18	On the perturbed restricted three-body problem. Applied Mathematics and Nonlinear Sciences, 2016, 1, 123-144.	1.6	41

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19	The effect of zonal harmonic coefficients in the framework of the restricted three-body problem. <i>Advances in Space Research</i> , 2015, 55, 1660-1672.	2.6	40
20	Periodic Orbits of the Planar Anisotropic Kepler Problem. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017, 27, 1750039.	1.7	40
21	Periodic solution of the nonlinear Sitnikov restricted three-body problem. <i>New Astronomy</i> , 2020, 75, 101319.	1.8	39
22	On a New Model Based on Third-Order Nonlinear Multisingular Functional Differential Equations. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-9.	1.1	39
23	Periodic orbits around the collinear libration points. <i>Journal of Nonlinear Science and Applications</i> , 2016, 09, 1716-1727.	1.0	39
24	Dynamics of a dumbbell satellite under the zonal harmonic effect of an oblate body. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015, 20, 1057-1069.	3.3	35
25	Solving a class of biological HIV infection model of latently infected cells using heuristic approach. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021, 14, 3611.	1.1	35
26	On the libration collinear points in the restricted three-body problem. <i>Open Physics</i> , 2017, 15, 58-67.	1.7	34
27	A First Order Automated Lie Transform. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015, 25, 1540026.	1.7	33
28	Regarding New Wave Patterns of the Newly Extended Nonlinear (2+1)-Dimensional Boussinesq Equation with Fourth Order. <i>Mathematics</i> , 2020, 8, 341.	2.2	33
29	Numerical integration of the restricted three-body problem with Lie series. <i>Astrophysics and Space Science</i> , 2014, 354, 369-378.	1.4	32
30	Complex Patterns to the (3+1)-Dimensional B-type Kadomtsev-Petviashvili-Boussinesq Equation. <i>Symmetry</i> , 2020, 12, 17.	2.2	32
31	A Planar Five-body Problem in a Framework of Heterogeneous and Mass Variation Effects. <i>Astronomical Journal</i> , 2020, 160, 216.	4.7	32
32	DESIGN OF NEURO-SWARMING HEURISTIC SOLVER FOR MULTI-PANTOGRAPH SINGULAR DELAY DIFFERENTIAL EQUATION. <i>Fractals</i> , 2021, 29, 2140022.	3.7	30
33	Numerical Solutions Caused by DGJIM and ADM Methods for Multi-Term Fractional BVP Involving the Generalized \hat{I} -RL-Operators. <i>Symmetry</i> , 2021, 13, 532.	2.2	28
34	Some New Fractional Estimates of Inequalities for LR-p-Convex Interval-Valued Functions by Means of Pseudo Order Relation. <i>Axioms</i> , 2021, 10, 175.	1.9	27
35	Existence of the solution and stability for a class of variable fractional order differential systems. <i>Chaos, Solitons and Fractals</i> , 2019, 128, 269-274.	5.1	24
36	Topological Indices of the Line Graph of Subdivision Graph of Complete Bipartite Graphs. <i>Applied Mathematics and Information Sciences</i> , 2017, 11, 1631-1636.	0.5	23

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37	A Toughness Condition for Fractional (k, m) -deleted Graphs Revisited. Acta Mathematica Sinica, English Series, 2019, 35, 1227-1237.	0.6	22
38	Adomian Decomposition and Fractional Power Series Solution of a Class of Nonlinear Fractional Differential Equations. Mathematics, 2021, 9, 1070.	2.2	22
39	Chaos of a coupled lattice system related with the Belusov-Zhabotinskii reaction. Journal of Mathematical Chemistry, 2010, 48, 159-164.	1.5	20
40	Solution of novel multi-fractional multi-singular Lane-Emden model using the designed FMNEICS. Neural Computing and Applications, 0, , 1.	5.6	20
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	Relations between distributional, Li-Yorke and ∞ chaos. Chaos, Solitons and Fractals, 2006, 28, 788-792.	5.1	17
43	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
44	Design of neuro-swarming computational solver for the fractional Bagley-Torvik mathematical model. European Physical Journal Plus, 2022, 137, 245.	2.6	17
45	Modeling the dynamics of concurrent computing systems. Computers and Mathematics With Applications, 2011, 61, 1402-1406.	2.7	16
46	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
47	Construction of an Approximate Analytical Solution for Multi-Dimensional Fractional Zakharov-Kuznetsov Equation via Aboodh Adomian Decomposition Method. Symmetry, 2021, 13, 1542.	2.2	16
48	Positive entropy of a coupled lattice system related with Belusov-Zhabotinskii reaction. Journal of Mathematical Chemistry, 2010, 48, 66-71.	1.5	15
49	Periods of continuous maps on some compact spaces. Journal of Difference Equations and Applications, 2017, 23, 1-7.	1.1	15
50	Design of a Novel Second-Order Prediction Differential Model Solved by Using Adams and Explicit Runge-Kutta Numerical Methods. Mathematical Problems in Engineering, 2020, 2020, 1-7.	1.1	15
51	On Valency-Based Molecular Topological Descriptors of Subdivision Vertex-Edge Join of Three Graphs. Symmetry, 2020, 12, 1026.	2.2	15
52	Periodic orbits for the perturbed planar circular restricted 3-body problem. Discrete and Continuous Dynamical Systems - Series B, 2019, 24, 1007-1020.	0.9	15
53	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
54	Complex mixed dark-bright wave patterns to the modified \hat{I}_{\pm} and modified Vakhnenko-Parkes equations. AEJ - Alexandria Engineering Journal, 2020, 59, 2149-2160.	6.4	14

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55	Dynamics of a Lotka–Volterra map. <i>Fundamenta Mathematicae</i> , 2006, 191, 265-279.	0.5	14
56	Dynamics of a gyrostat on cylindrical and inclined Eulerian equilibria in the three-body problem. <i>Acta Astronautica</i> , 2010, 66, 595-604.	3.2	13
57	Finite time stability and sliding mode control for uncertain variable fractional order nonlinear systems. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	13
58	New Chebyshev type inequalities via a general family of fractional integral operators with a modified Mittag-Leffler kernel. <i>AIMS Mathematics</i> , 2021, 6, 11167-11186.	1.6	13
59	Multiple Criteria Decision Making Based on Probabilistic Interval-Valued Hesitant Fuzzy Sets by Using LP Methodology. <i>Discrete Dynamics in Nature and Society</i> , 2019, 2019, 1-12.	0.9	12
60	THE EXISTENCE OF THE EXTREMAL SOLUTION FOR THE BOUNDARY VALUE PROBLEMS OF VARIABLE FRACTIONAL ORDER DIFFERENTIAL EQUATION WITH CAUSAL OPERATOR. <i>Fractals</i> , 2020, 28, 2040025.	3.7	12
61	Some Higher-Degree Lacunary Fractional Splines in the Approximation of Fractional Differential Equations. <i>Symmetry</i> , 2021, 13, 422.	2.2	12
62	Minimal Lefschetz sets of periods for Morse–Smale diffeomorphisms on then-dimensional torus. <i>Journal of Difference Equations and Applications</i> , 2010, 16, 689-703.	1.1	11
63	Lagrangian relative equilibria for a gyrostat in the three-body problem: bifurcations and stability. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 195203.	2.1	11
64	On the dynamics of the rigid body with a fixed point: periodic orbits and integrability. <i>Nonlinear Dynamics</i> , 2013, 74, 327-333.	5.2	11
65	Periodic orbits of Hamiltonian systems: Applications to perturbed Kepler problems. <i>Chaos, Solitons and Fractals</i> , 2013, 57, 105-111.	5.1	11
66	New families of periodic orbits for a galactic potential. <i>Chaos, Solitons and Fractals</i> , 2016, 82, 97-102.	5.1	11
67	The Extension Degree Conditions for Fractional Factor. <i>Acta Mathematica Sinica, English Series</i> , 2020, 36, 305-317.	0.6	11
68	Numerical computing approach for solving Hunter-Saxton equation arising in liquid crystal model through sinc collocation method. <i>Heliyon</i> , 2021, 7, e07600.	3.2	11
69	Integral Inequalities for Generalized Harmonically Convex Functions in Fuzzy-Interval-Valued Settings. <i>Symmetry</i> , 2021, 13, 2352.	2.2	11
70	On the Lefschetz periodic point free continuous self-maps on connected compact manifolds. <i>Topology and Its Applications</i> , 2011, 158, 2165-2169.	0.4	10
71	The global sliding mode tracking control for a class of variable order fractional differential systems. <i>Chaos, Solitons and Fractals</i> , 2022, 154, 111674.	5.1	10
72	Li and Yorke chaos with respect to the cardinality of the scrambled sets. <i>Chaos, Solitons and Fractals</i> , 2005, 24, 1203-1206.	5.1	9

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73	Comparative Analysis of Hybrid Fuzzy MCGDM Methodologies for Optimal Robot Selection Process. <i>Symmetry</i> , 2021, 13, 839.	2.2	9
74	Analysis of nominal halo orbits in the Sun-Earth system. <i>Archive of Applied Mechanics</i> , 2021, 91, 4751-4763.	2.2	9
75	A note on the Definition of α -limit Set. <i>Applied Mathematics and Information Sciences</i> , 2013, 7, 1929-1932.	0.5	9
76	Fuzzy Mixed Variational-like and Integral Inequalities for Strongly Preinvex Fuzzy Mappings. <i>Symmetry</i> , 2021, 13, 1816.	2.2	9
77	Different Stochastic Resonances Induced by Multiplicative Polynomial Trichotomous Noise in a Fractional Order Oscillator with Time Delay and Fractional Gaussian Noise. <i>Fractal and Fractional</i> , 2022, 6, 191.	3.3	9
78	Hausdorff compactness on a space of α -limit sets. <i>Topology and Its Applications</i> , 2005, 153, 833-843.	0.4	8
79	Equilibria, stability and Hamiltonian Hopf bifurcation of a gyrostat in an incompressible ideal fluid. <i>Physica D: Nonlinear Phenomena</i> , 2012, 241, 1648-1654.	2.8	8
80	On Sufficient Conditions of Stability of the Permanent Rotations of a Heavy Triaxial Gyrostat. <i>Qualitative Theory of Dynamical Systems</i> , 2015, 14, 265-280.	1.7	8
81	Edge Irregular Reflexive Labeling for Disjoint Union of Generalized Petersen Graph. <i>Mathematics</i> , 2018, 6, 304.	2.2	8
82	The boundary control strategy for a fractional wave equation with external disturbances. <i>Chaos, Solitons and Fractals</i> , 2019, 121, 92-97.	5.1	8
83	Periodic Solutions of Nonlinear Relative Motion Satellites. <i>Symmetry</i> , 2021, 13, 595.	2.2	8
84	Domination of Fuzzy Incidence Graphs with the Algorithm and Application for the Selection of a Medical Lab. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-11.	1.1	8
85	Numerical solutions of Schrödinger wave equation and Transport equation through Sinc collocation method. <i>Nonlinear Dynamics</i> , 2021, 105, 691-705.	5.2	8
86	Domination in Join of Fuzzy Incidence Graphs Using Strong Pairs with Application in Trading System of Different Countries. <i>Symmetry</i> , 2021, 13, 1279.	2.2	8
87	Neuro-Swarm heuristic using interior-point algorithm to solve a third kind of multi-singular nonlinear system. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 5285-5308.	1.9	8
88	Fuzzy-interval inequalities for generalized preinvex fuzzy interval valued functions. <i>Mathematical Biosciences and Engineering</i> , 2021, 19, 812-835.	1.9	8
89	On the Periodic Solutions for the Perturbed Spatial Quantized Hill Problem. <i>Mathematics</i> , 2022, 10, 614.	2.2	8
90	On skew-product maps with the base having a closed set of periodic points. <i>International Journal of Computer Mathematics</i> , 2008, 85, 441-445.	1.8	7

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91	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
92	Generalized van der Waals Hamiltonian: Periodic orbits and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:msup} \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{nonintegrability} .$	2.1	7
93	Dynamics of pseudo-radioactive chemical products via sampling theory. Journal of Mathematical Chemistry, 2012, 50, 374-378.	1.5	7
94	Periodic solutions induced by an upright position of small oscillations of a sleeping symmetrical gyrostat. Nonlinear Dynamics, 2013, 73, 417-425.	5.2	7
95	Calculating Hausdorff Dimension in Higher Dimensional Spaces. Symmetry, 2019, 11, 564.	2.2	7
96	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
97	On \bar{I} -limit Sets of Triangular Maps on the Unit Cube. Journal of Difference Equations and Applications, 2003, 9, 289-304.	1.1	6
98	Detecting simple dynamics in Cournot-like models. Journal of Computational and Applied Mathematics, 2009, 233, 1091-1095.	2.0	6
99	Extensions of Cournot duopoly: An applied mathematical view. Applied Mathematics Letters, 2010, 23, 836-838.	2.7	6
100	ON INVARIANT $\hat{\mu}$ -SCRAMBLED SETS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 2925-2935.	1.7	6
101	Periodics orbits and C^1 -integrability in the planar Stark-Zeeman problem. Journal of Mathematical Physics, 2012, 53, 082701.	1.1	6
102	On the dynamics of an inflation IS- ϵ LM model. Economic Modelling, 2012, 29, 2090-2094.	3.8	6
103	Periodic Structure of Transversal Maps on $\mathbb{C} \times \mathbb{P}^n$, $\mathbb{H} \times \mathbb{P}^n$ and $\mathbb{S}^p \times \mathbb{S}^q$. Qualitative Theory of Dynamical Systems, 2013, 12, 417-425.	1.7	6
104	On the periodic solutions of a rigid dumbbell satellite in a circular orbit. Astrophysics and Space Science, 2013, 346, 437-442.	1.4	6
105	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
106	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
107	Instability modulation properties of the $(2 + 1)$ -dimensional Kundu-Mukherjee-Naskar model in travelling wave solutions. Modern Physics Letters B, 2021, 35, 2150217.	1.9	6
108	A Fractional Approach to a Computational Eco-Epidemiological Model with Holling Type-II Functional Response. Symmetry, 2021, 13, 1159.	2.2	6

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109	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
110	Periods of Morse's Smale diffeomorphisms of S^2 . Colloquium Mathematicum, 2008, 110, 477-483.	0.3	6
111	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
112	Parameters and fractional factors in different settings. Journal of Inequalities and Applications, 2019, 2019, .	1.1	5
113	Regarding New Traveling Wave Solutions for the Mathematical Model Arising in Telecommunications. Advances in Mathematical Physics, 2021, 2021, 1-11.	0.8	5
114	Relativistic Cosmology with an Introduction to Inflation. Universe, 2021, 7, 276.	2.5	5
115	Weak and strong forms of $\hat{\pm}$ -irresolute maps. Chaos, Solitons and Fractals, 2005, 24, 223-228.	5.1	5
116	Low-carbon strategies in dual-channel supply chain under risk aversion. Mathematical Biosciences and Engineering, 2022, 19, 4765-4793.	1.9	5
117	A characterization of zero topological entropy for a class of triangular mappings. Journal of Mathematical Analysis and Applications, 2003, 287, 516-521.	1.0	4
118	Generating the syntactic and semantics graphs for a Markovian process algebra. Journal of Computational and Applied Mathematics, 2007, 204, 38-47.	2.0	4
119	Nonlinear stability of the equilibria in a double-bar rotating system. Journal of Computational and Applied Mathematics, 2011, 235, 1819-1825.	2.0	4
120	Decomposition of pseudo-radioactive chemical products with a mathematical approach. Journal of Mathematical Chemistry, 2014, 52, 1059-1065.	1.5	4
121	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
122	The spatial Hill lunar problem: periodic solutions emerging from equilibria. Dynamical Systems, 2017, 32, 340-353.	0.4	4
123	Stochastic Euler-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
124	On the Symmetry of the Bone Structure Density over the Nasopalatine Foramen via Accurate Fractal Dimension Analysis. Symmetry, 2019, 11, 202.	2.2	4
125	Shannon-Whittaker-Kotel'nikov's theorem generalized revisited. Journal of Mathematical Chemistry, 2020, 58, 893-905.	1.5	4
126	The dynamics of the relativistic Kepler problem. Results in Physics, 2020, 19, 103406.	4.1	4

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127	Nordhaus's Gaddum type inequalities for some distance-based indices of bipartite molecular graphs. <i>Journal of Mathematical Chemistry</i> , 2020, 58, 1345-1352.	1.5	4
128	A Note on the Periodic Solutions for a Class of Third Order Differential Equations. <i>Symmetry</i> , 2021, 13, 31.	2.2	4
129	Computing Edge Version of Resolvability and Double Resolvability of a Graph. <i>Journal of Chemistry</i> , 2022, 2022, 1-11.	1.9	4
130	Moment Lyapunov exponent and stochastic stability of a vibro-impact system driven by Gaussian white noise. <i>International Journal of Non-Linear Mechanics</i> , 2022, 142, 103968.	2.6	4
131	Analysis of stochastic resonance in coupled oscillator with fractional damping disturbed by polynomial dichotomous noise. <i>Nonlinear Dynamics</i> , 2022, 110, 1233-1251.	5.2	4
132	An Asymptotic Sampling Recomposition Theorem for Gaussian Signals. <i>Mediterranean Journal of Mathematics</i> , 2011, 8, 349-367.	0.8	3
133	A note on the equilibria of an economic model with local competition à la Cournot. <i>Journal of Computational and Applied Mathematics</i> , 2012, 236, 3052-3057.	2.0	3
134	Advances in computational and mathematical chemistry. <i>Journal of Mathematical Chemistry</i> , 2012, 50, 311-312.	1.5	3
135	Fractal Dimension for IFS-Attractors Revisited. <i>Qualitative Theory of Dynamical Systems</i> , 2018, 17, 709-722.	1.7	3
136	A Study on Fuzzy Order Bounded Linear Operators in Fuzzy Riesz Spaces. <i>Mathematics</i> , 2021, 9, 1512.	2.2	3
137	On the dynamics of a 4d local Cournot model. <i>Applied Mathematics and Information Sciences</i> , 2013, 7, 857-865.	0.5	3
138	Dynamics of a tethered satellite with variable mass. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2015, 8, 1035-1045.	1.1	3
139	Deeper properties of the nonlinear Phi-four and Gross-Pitaevskii equations arising mathematical physics. <i>Modern Physics Letters B</i> , 2022, 36, .	1.9	3
140	Qualitative analysis of the phase flow of a Manev system in a rotating reference frame. <i>International Journal of Computer Mathematics</i> , 2009, 86, 1817-1830.	1.8	2
141	Sufficient conditions for a nondegenerate Hopf bifurcation in a generalized Lagrange's Poisson problem. <i>Journal of Mathematical Physics</i> , 2011, 52, 032701.	1.1	2
142	On the set of periods for the Morse's Smale diffeomorphisms on the disc with N holes. <i>Journal of Difference Equations and Applications</i> , 2013, 19, 1161-1173.	1.1	2
143	A note on the periodic orbits of a self excited rigid body. <i>Mechanics Research Communications</i> , 2014, 56, 50-52.	1.8	2
144	Periodic orbits of a perturbed 3-dimensional isotropic oscillator with axial symmetry. <i>Nonlinear Dynamics</i> , 2016, 83, 839-848.	5.2	2

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145	On topological properties of block shift and hierarchical hypercube networks. Open Physics, 2018, 16, 810-819.	1.7	2
146	On the Periodic Structure of the Anisotropic Manev Problem. Qualitative Theory of Dynamical Systems, 2019, 18, 987-999.	1.7	2
147	Generalized Concentration-Compactness Principles for Variable Exponent Lebesgue Spaces with Asymptotic Analysis of Low Energy Extremals. Mathematics, 2020, 8, 1849.	2.2	2
148	On the Periodic Structure of the Rabinovitch-Fabrikant System. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	2
149	\mathcal{C}^1 SELF-MAPS ON \mathbb{S}^n , $\mathbb{S}^n \times \mathbb{S}^m$, $\mathbb{C}P^n$ AND $\mathbb{H}P^n$ WITH ALL THEIR PERIODIC ORBITS HYPERBOLIC. Taiwanese Journal of Mathematics, 2012, 16, .	0.4	2
150	On local fractional Volterra integral equations in fractal heat transfer. Thermal Science, 2016, 20, 795-800.	1.1	2
151	Some Inequalities of Extended Hypergeometric Functions. Mathematics, 2021, 9, 2702.	2.2	2
152	Design of Mayer Wavelet Neural Networks for Solving Functional Nonlinear Singular Differential Equation. Mathematical Problems in Engineering, 2022, 2022, 1-11.	1.1	2
153	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
154	A Discrete Dynamics Approach to a Tumor System. Mathematics, 2022, 10, 1774.	2.2	2
155	Universality with respect to ω -limit sets. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 1485-1495.	1.1	1
156	Stability of the Rydberg atom in the crossed magnetic and electric fields. International Journal of Quantum Chemistry, 2011, 111, 970-977.	2.0	1
157	A dynamical model of parallel computation on bi-infinite time-scale. Journal of Computational and Applied Mathematics, 2011, 235, 1826-1832.	2.0	1
158	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
159	An intelligent approach for curve filling. Journal of Intelligent and Fuzzy Systems, 2018, 35, 3931-3936.	1.4	1
160	More than seventy years from a milestone in fractal geometry: Moran's theorem. Chaos, 2019, 29, 013106.	2.5	1
161	Zero-Hopf Bifurcation in a Generalized Genesio Differential Equation. Mathematics, 2021, 9, 354.	2.2	1
162	On the perturbations of maps obeying Shannon's "Whittaker-Kotelnikov" theorem generalization. Advances in Difference Equations, 2021, 2021, .	3.5	1

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163	A Combinatorial Approach to the Computation of the Fractional Edge Dimension of Graphs. Mathematics, 2021, 9, 2364.	2.2	1
164	Transitivity of a Lotka-Volterra map. Discrete and Continuous Dynamical Systems - Series B, 2008, 9, 75-82.	0.9	1
165	Petri Nets and Discrete Events Systems. , 2013, , 231-240.		1
166	Solving fractal steady heat-transfer problems with the local fractional Sumudu transform. Thermal Science, 2015, 19, 637-641.	1.1	1
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