

Omar Bazighifan

List of Publications by Citations

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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.

120
papers

1,128
citations

20
h-index

26
g-index

134
ext. papers

1,484
ext. citations

2.4
avg, IF

6.36
L-index

#	Paper	IF	Citations
120	Oscillation of higher-order differential equations with distributed delay. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	46
119	On the asymptotic behavior of fourth-order functional differential equations. <i>Advances in Difference Equations</i> , 2017 , 2017,	3.6	45
118	Nonlinear Neutral Delay Differential Equations of Fourth-Order: Oscillation of Solutions. <i>Entropy</i> , 2021 , 23,	2.8	44
117	A New Approach in the Study of Oscillation Criteria of Even-Order Neutral Differential Equations. <i>Mathematics</i> , 2020 , 8, 197	2.3	34
116	Asymptotic and Oscillatory Behavior of Solutions of a Class of Higher Order Differential Equation. <i>Symmetry</i> , 2019 , 11, 1434	2.7	32
115	Some New Oscillation Criteria for Second Order Neutral Differential Equations with Delayed Arguments. <i>Mathematics</i> , 2019 , 7, 619	2.3	30
114	New Oscillation Criteria for Advanced Differential Equations of Fourth Order. <i>Mathematics</i> , 2020 , 8, 7282.3	2.3	29
113	Oscillation Results for Higher Order Differential Equations. <i>Axioms</i> , 2020 , 9, 14	1.6	28
112	On the asymptotic and oscillatory behavior of the solutions of a class of higher-order differential equations with middle term. <i>Applied Mathematics Letters</i> , 2020 , 107, 106431	3.5	28
111	Asymptotic Properties of Solutions of Fourth-Order Delay Differential Equations. <i>Symmetry</i> , 2019 , 11, 628	2.7	25
110	A Philos-Type Oscillation Criteria for Fourth-Order Neutral Differential Equations. <i>Symmetry</i> , 2020 , 12, 379	2.7	25
109	On the Oscillatory Behavior of a Class of Fourth-Order Nonlinear Differential Equation. <i>Symmetry</i> , 2020 , 12, 524	2.7	25
108	Oscillation of Fourth-Order Functional Differential Equations with Distributed Delay. <i>Axioms</i> , 2019 , 8, 61	1.6	24
107	An Improved Criterion for the Oscillation of Fourth-Order Differential Equations. <i>Mathematics</i> , 2020 , 8, 610	2.3	24
106	Qualitative Properties of Solutions of Second-Order Neutral Differential Equations. <i>Symmetry</i> , 2020 , 12, 1520	2.7	24
105	New Results for Oscillatory Behavior of Fourth-Order Differential Equations. <i>Symmetry</i> , 2020 , 12, 136	2.7	23
104	Oscillation Theorems for Nonlinear Differential Equations of Fourth-Order. <i>Mathematics</i> , 2020 , 8, 520	2.3	23

103	Oscillation Criteria of Higher-order Neutral Differential Equations with Several Deviating Arguments. <i>Mathematics</i> , 2020 , 8, 412	2.3	22
102	Improved Conditions for Oscillation of Functional Nonlinear Differential Equations. <i>Mathematics</i> , 2020 , 8, 552	2.3	22
101	Qualitative Behavior of Solutions of Second Order Differential Equations. <i>Symmetry</i> , 2019 , 11, 777	2.7	21
100	Riccati Technique and Asymptotic Behavior of Fourth-Order Advanced Differential Equations. <i>Mathematics</i> , 2020 , 8, 590	2.3	20
99	Some Qualitative Behavior of Solutions of General Class of Difference Equations. <i>Mathematics</i> , 2019 , 7, 585	2.3	20
98	Oscillatory Behavior of Fourth-Order Differential Equations with Neutral Delay. <i>Symmetry</i> , 2020 , 12, 371	2.7	20
97	An Approach for Studying Asymptotic Properties of Solutions of Neutral Differential Equations. <i>Symmetry</i> , 2020 , 12, 555	2.7	19
96	Explicit criteria for the oscillation of second-order differential equations with several sub-linear neutral coefficients. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	19
95	Improved Approach for Studying Oscillatory Properties of Fourth-Order Advanced Differential Equations with p-Laplacian Like Operator. <i>Mathematics</i> , 2020 , 8, 656	2.3	18
94	On the oscillation of certain fourth-order differential equations with p-Laplacian like operator. <i>Applied Mathematics and Computation</i> , 2020 , 386, 125475	2.7	18
93	Some New Extensions on Fractional Differential and Integral Properties for Mittag-Leffler Confluent Hypergeometric Function. <i>Fractal and Fractional</i> , 2021 , 5, 143	3	16
92	Kamenev and Philos-types oscillation criteria for fourth-order neutral differential equations. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	14
91	Neutral Delay Differential Equations: Oscillation Conditions for the Solutions. <i>Symmetry</i> , 2021 , 13, 101	2.7	14
90	An oscillation criterion in 4^{th} -order neutral differential equations with a continuously distributed delay. <i>Advances in Difference Equations</i> , 2019 , 2019,	3.6	13
89	Oscillation Theorems for Advanced Differential Equations with p-Laplacian Like Operators. <i>Mathematics</i> , 2020 , 8, 821	2.3	13
88	Oscillation of solutions to fourth-order delay differential equations with middle term. <i>Open Journal of Mathematical Sciences</i> , 2019 , 191-197	1.7	12
87	Oscillation criteria for a class of even-order neutral delay differential equations. <i>Journal of Applied Mathematics and Computing</i> , 2020 , 63, 607-617	1.8	11
86	Second-Order Differential Equation with Multiple Delays: Oscillation Theorems and Applications. <i>Complexity</i> , 2020 , 2020, 1-6	1.6	11

85	Differential equations of even-order with p-Laplacian like operators: qualitative properties of the solutions. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	11
84	On the Asymptotic Behavior of Advanced Differential Equations with a Non-Canonical Operator. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3130	2.6	10
83	Asymptotic Behavior of Solutions of the Third Order Nonlinear Mixed Type Neutral Differential Equations. <i>Mathematics</i> , 2020 , 8, 485	2.3	10
82	On the qualitative behavior of the solutions to second-order neutral delay differential equations. <i>Journal of Inequalities and Applications</i> , 2020 , 2020,	2.1	10
81	Some Important Criteria for Oscillation of Non-Linear Differential Equations with Middle Term. <i>Mathematics</i> , 2021 , 9, 346	2.3	10
80	New Theorems for Oscillations to Differential Equations with Mixed Delays. <i>Symmetry</i> , 2021 , 13, 367	2.7	10
79	Some New Oscillation Results for Fourth-Order Neutral Differential Equations with Delay Argument. <i>Symmetry</i> , 2020 , 12, 1248	2.7	9
78	New Modifications of Integral Inequalities via η -Convexity Pertaining to Fractional Calculus and Their Applications. <i>Mathematics</i> , 2021 , 9, 1753	2.3	9
77	New Results for Kneser Solutions of Third-Order Nonlinear Neutral Differential Equations. <i>Mathematics</i> , 2020 , 8, 686	2.3	8
76	A Variety of Dynamic Steffensen-Type Inequalities on a General Time Scale. <i>Symmetry</i> , 2021 , 13, 1738	2.7	8
75	Analytical Study of Two Nonlinear Coupled Hybrid Systems Involving Generalized Hilfer Fractional Operators. <i>Fractal and Fractional</i> , 2021 , 5, 178	3	7
74	On Some New Weighted Steffensen-Type Inequalities on Time Scales. <i>Mathematics</i> , 2021 , 9, 2670	2.3	7
73	Oscillatory applications of some fourth-order differential equations. <i>Mathematical Methods in the Applied Sciences</i> , 2020 , 43, 10276-10286	2.3	7
72	Oscillation of Emden-Bowler-Type Neutral Delay Differential Equations. <i>Axioms</i> , 2020 , 9, 136	1.6	7
71	Second-Order Differential Equation: Oscillation Theorems and Applications. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-6	1.1	7
70	Philos-Type Oscillation Results for Third-Order Differential Equation with Mixed Neutral Terms. <i>Mathematics</i> , 2021 , 9, 1021	2.3	7
69	An Oscillation Criterion of Nonlinear Differential Equations with Advanced Term. <i>Symmetry</i> , 2021 , 13, 843	2.7	7
68	New Conditions for the Oscillation of Second-Order Differential Equations with Sublinear Neutral Terms. <i>Mathematics</i> , 2021 , 9, 1159	2.3	6

67	Symmetric and Non-Oscillatory Characteristics of the Neutral Differential Equations Solutions Related to p-Laplacian Operators. <i>Symmetry</i> , 2022 , 14, 566	2.7	6
66	The Influence of Noise on the Exact Solutions of the Stochastic Fractional-Space Chiral Nonlinear Schrödinger Equation. <i>Fractal and Fractional</i> , 2021 , 5, 262	3	6
65	Behavior of Non-Oscillatory Solutions of Fourth-Order Neutral Differential Equations. <i>Symmetry</i> , 2020 , 12, 477	2.7	5
64	Improved Oscillation Criteria for 2nd-Order Neutral Differential Equations with Distributed Deviating Arguments. <i>Mathematics</i> , 2020 , 8, 849	2.3	5
63	Oscillatory Properties of Solutions of Even-Order Differential Equations. <i>Symmetry</i> , 2020 , 12, 212	2.7	5
62	Qualitative Analysis of Langevin Integro-Fractional Differential Equation under MittagLeffler Functions Power Law. <i>Fractal and Fractional</i> , 2021 , 5, 266	3	5
61	Oscillatory and asymptotic behavior of advanced differential equations. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	5
60	Non-Linear Neutral Differential Equations with Damping: Oscillation of Solutions. <i>Symmetry</i> , 2021 , 13, 285	2.7	5
59	Nonlinear Differential Equations with Distributed Delay: Some New Oscillatory Solutions. <i>Mathematics</i> , 2022 , 10, 995	2.3	5
58	Novel Oscillation Theorems and Symmetric Properties of Nonlinear Delay Differential Equations of Fourth-Order with a Middle Term. <i>Symmetry</i> , 2022 , 14, 585	2.7	5
57	Extended Approach to the Asymptotic Behavior and Symmetric Solutions of Advanced Differential Equations. <i>Symmetry</i> , 2022 , 14, 686	2.7	5
56	Sufficient Conditions for Oscillation of Fourth-Order Neutral Differential Equations with Distributed Deviating Arguments. <i>Axioms</i> , 2020 , 9, 39	1.6	4
55	Oscillatory properties of even-order ordinary differential equations with variable coefficients. <i>Miskolc Mathematical Notes</i> , 2020 , 21, 641	2.1	4
54	New Criteria for Oscillation of Half-Linear Differential Equations with p-Laplacian-like Operators. <i>Mathematics</i> , 2021 , 9, 2584	2.3	4
53	Oscillation Conditions for Certain Fourth-Order Non-Linear Neutral Differential Equation. <i>Symmetry</i> , 2020 , 12, 1096	2.7	4
52	Second-order impulsive differential systems with mixed and several delays. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	4
51	Influence of Fin Length on Magneto-Combined Convection Heat Transfer Performance in a Lid-Driven Wavy Cavity. <i>Fractal and Fractional</i> , 2021 , 5, 107	3	4
50	New Comparison Theorems for the Even-Order Neutral Delay Differential Equation. <i>Symmetry</i> , 2020 , 12, 764	2.7	3

49	Dynamics of General Class of Difference Equations and Population Model with Two Age Classes. <i>Mathematics</i> , 2020 , 8, 516	2.3	3
48	A Qualitative Study on Second-Order Nonlinear Fractional Differential Evolution Equations with Generalized ABC Operator. <i>Symmetry</i> , 2022 , 14, 207	2.7	3
47	An Analytical Technique Implemented in the Fractional Clannish Random Walker's Parabolic Equation with Nonlinear Physical Phenomena. <i>Mathematics</i> , 2021 , 9, 801	2.3	3
46	Important Criteria for Asymptotic Properties of Nonlinear Differential Equations. <i>Mathematics</i> , 2021 , 9, 1659	2.3	3
45	On the Qualitative Behavior of Third-Order Differential Equations with a Neutral Term. <i>Symmetry</i> , 2021 , 13, 1287	2.7	3
44	Significant Involvement of Double Diffusion Theories on Viscoelastic Fluid Comprising Variable Thermophysical Properties. <i>Micromachines</i> , 2021 , 12,	3.3	3
43	Some New Reverse Hilbert's Inequalities on Time Scales. <i>Symmetry</i> , 2021 , 13, 2431	2.7	3
42	Kamenev-Type Asymptotic Criterion of Fourth-Order Delay Differential Equation. <i>Fractal and Fractional</i> , 2020 , 4, 7	3	2
41	New Oscillation Results of Even-Order Emden-Bowler Neutral Differential Equations. <i>Symmetry</i> , 2021 , 13, 2177	2.7	2
40	Some Oscillation Results for Even-Order Differential Equations with Neutral Term. <i>Fractal and Fractional</i> , 2021 , 5, 246	3	2
39	Existence of the Class of Nonlinear Hybrid Fractional Langevin Quantum Differential Equation with Dirichlet Boundary Conditions. <i>Fractal and Fractional</i> , 2021 , 5, 156	3	2
38	On the Oscillation of Solutions of Differential Equations with Neutral Term. <i>Mathematics</i> , 2021 , 9, 2709	2.3	2
37	Delay Differential Equations of Fourth-Order: Oscillation and Asymptotic Properties of Solutions. <i>Symmetry</i> , 2021 , 13, 2015	2.7	2
36	Asymptotic Behavior of Solutions of Even-Order Advanced Differential Equations. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-7	1.1	2
35	Multiple Techniques for Studying Asymptotic Properties of a Class of Differential Equations with Variable Coefficients. <i>Symmetry</i> , 2020 , 12, 1112	2.7	2
34	Symmetry and Its Importance in the Oscillation of Solutions of Differential Equations. <i>Symmetry</i> , 2021 , 13, 650	2.7	2
33	Emden-Bowler-type neutral differential equations: oscillatory properties of solutions. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	2
32	More Effective Conditions for Oscillatory Properties of Differential Equations. <i>Symmetry</i> , 2021 , 13, 278	2.7	2

31	New Oscillation Criteria for Neutral Delay Differential Equations of Fourth-Order. <i>Symmetry</i> , 2021 , 13, 1277	2.7	2
30	Oscillation and Asymptotic Properties of Differential Equations of Third-Order. <i>Axioms</i> , 2021 , 10, 192	1.6	2
29	Symmetry and Its Role in Oscillation of Solutions of Third-Order Differential Equations. <i>Symmetry</i> , 2021 , 13, 1485	2.7	2
28	Nonlinear Stability and Linear Instability of Double-Diffusive Convection in a Rotating with LTNE Effects and Symmetric Properties: Brinkmann-Forchheimer Model. <i>Symmetry</i> , 2022 , 14, 565	2.7	2
27	A Study of Continuous Dependence and Symmetric Properties of Double Diffusive Convection: Forchheimer Model. <i>Symmetry</i> , 2022 , 14, 682	2.7	2
26	On Graph-Transversal Designs and Graph-Authentication Codes Based on Mutually Orthogonal Graph Squares. <i>Journal of Mathematics</i> , 2022 , 2022, 1-10	1.2	2
25	New Results of the Time-Space Fractional Derivatives of Korteweg-De Vries Equations via Novel Analytic Method. <i>Symmetry</i> , 2021 , 13, 2296	2.7	1
24	Explicit criteria for the qualitative properties of differential equations with p-Laplacian-like operator. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	1
23	Nonlinear differential equations of fourth-order: Qualitative properties of the solutions. <i>AIMS Mathematics</i> , 2020 , 5, 6436-6447	2.2	1
22	Oscillation Criteria of Solutions of Fourth-Order Neutral Differential Equations. <i>Fractal and Fractional</i> , 2021 , 5, 155	3	1
21	Some New Oscillation Results for Fourth-Order Neutral Differential Equations with a Canonical Operator. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-7	1.1	1
20	Asymptotic Properties of Neutral Differential Equations with Variable Coefficients. <i>Axioms</i> , 2020 , 9, 96	1.6	1
19	Oscillatory Solutions to Neutral Delay Differential Equations. <i>Mathematics</i> , 2021 , 9, 714	2.3	1
18	A philos-type criterion to determine the oscillatory character of a class of neutral delay differential equations. <i>Mathematical Methods in the Applied Sciences</i> , 2021 , 44, 9966-9975	2.3	1
17	Oscillation Results for Nonlinear Higher-Order Differential Equations with Delay Term. <i>Symmetry</i> , 2021 , 13, 446	2.7	1
16	Half-linear differential equations of fourth order: oscillation criteria of solutions 2022 , 2022,		1
15	Finite-Time Stability Analysis of Linear Differential Systems with Pure Delay. <i>Mathematics</i> , 2022 , 10, 1359.	3	1
14	A Novel Approach for Cyclic Decompositions of Balanced Complete Bipartite Graphs into Infinite Graph Classes. <i>Journal of Function Spaces</i> , 2022 , 2022, 1-12	0.8	1

13	On infinite circulant-balanced complete multipartite graphs decompositions based on generalized algorithmic approaches. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 11267-11275	6.1	1
12	Euler's Numerical Method on Fractional DSEK Model under ABC Derivative. <i>Complexity</i> , 2022 , 2022, 1-12	1.6	1
11	Qualitative Behavior of Unbounded Solutions of Neutral Differential Equations of Third-Order. <i>Fractal and Fractional</i> , 2021 , 5, 95	3	0
10	Some New Generalizations of Reverse Hilbert-Type Inequalities on Time Scales. <i>Symmetry</i> , 2022 , 14, 750	2.7	0
9	A New Alternative Regularization Method for Solving Generalized Equilibrium Problems. <i>Mathematics</i> , 2022 , 10, 1350	2.3	0
8	On Fuzzy F^* -Simply Connected Spaces in Fuzzy . <i>Journal of Function Spaces</i> , 2022 , 2022, 1-6	0.8	0
7	Investigating a Generalized Fractional Quadratic Integral Equation. <i>Fractal and Fractional</i> , 2022 , 6, 251	3	0
6	Some new dynamic Steffensen-type inequalities on a general time scale measure space. <i>AIMS Mathematics</i> , 2022 , 7, 4326-4337	2.2	
5	On the oscillation of nonlinear delay differential equations and their applications. <i>Open Physics</i> , 2021 , 19, 788-796	1.3	
4	Oscillation Results of Emden-Bowler-Type Differential Equations. <i>Symmetry</i> , 2021 , 13, 410	2.7	
3	Oscillation theorems of solution of second-order neutral differential equations. <i>AIMS Mathematics</i> , 2021 , 6, 12771-12779	2.2	
2	Important Study on the δ Dynamic Hardy-Hilbert-Type Inequalities on Time Scales with Applications. <i>Symmetry</i> , 2022 , 14, 428	2.7	
1	Statistical Analysis of the People Fully Vaccinated against COVID-19 in Two Different Regions.. <i>Applied Bionics and Biomechanics</i> , 2022 , 2022, 7104960	1.6	