

Osama Moaaz

List of Publications by Citations

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Version: 2024-04-17

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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.

66
papers

657
citations

17
h-index

23
g-index

70
ext. papers

783
ext. citations

2.3
avg, IF

5.5
L-index

#	Paper	IF	Citations
66	Oscillation criteria for even-order neutral differential equations with distributed deviating arguments. <i>Advances in Difference Equations</i> , 2019 , 2019,	3.6	51
65	Oscillation of higher-order differential equations with distributed delay. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	46
64	On the asymptotic behavior of fourth-order functional differential equations. <i>Advances in Difference Equations</i> , 2017 , 2017,	3.6	45
63	A New Approach in the Study of Oscillation Criteria of Even-Order Neutral Differential Equations. <i>Mathematics</i> , 2020 , 8, 197	2.3	34
62	Asymptotic and Oscillatory Behavior of Solutions of a Class of Higher Order Differential Equation. <i>Symmetry</i> , 2019 , 11, 1434	2.7	32
61	Oscillation Results for Higher Order Differential Equations. <i>Axioms</i> , 2020 , 9, 14	1.6	28
60	New criteria for oscillation of nonlinear neutral differential equations. <i>Advances in Difference Equations</i> , 2019 , 2019,	3.6	28
59	On the Oscillatory Behavior of a Class of Fourth-Order Nonlinear Differential Equation. <i>Symmetry</i> , 2020 , 12, 524	2.7	25
58	More Effective Criteria for Oscillation of Second-Order Differential Equations with Neutral Arguments. <i>Mathematics</i> , 2020 , 8, 986	2.3	24
57	New Results for Oscillatory Behavior of Fourth-Order Differential Equations. <i>Symmetry</i> , 2020 , 12, 136	2.7	23
56	Oscillation Theorems for Nonlinear Differential Equations of Fourth-Order. <i>Mathematics</i> , 2020 , 8, 520	2.3	23
55	Oscillation behavior of second order nonlinear neutral differential equations with deviating arguments. <i>Opuscula Mathematica</i> , 2012 , 32, 719	2.6	23
54	New Aspects for Non-Existence of Kneser Solutions of Neutral Differential Equations with Odd-Order. <i>Mathematics</i> , 2020 , 8, 494	2.3	22
53	Oscillation Criteria of Higher-order Neutral Differential Equations with Several Deviating Arguments. <i>Mathematics</i> , 2020 , 8, 412	2.3	22
52	New Comparison Theorems for the Nth Order Neutral Differential Equations with Delay Inequalities. <i>Mathematics</i> , 2020 , 8, 454	2.3	21
51	Some Qualitative Behavior of Solutions of General Class of Difference Equations. <i>Mathematics</i> , 2019 , 7, 585	2.3	20
50	Oscillatory Behavior of Fourth-Order Differential Equations with Neutral Delay. <i>Symmetry</i> , 2020 , 12, 371	2.7	20

49	Comment on New method to obtain periodic solutions of period two and three of a rational difference equation [Nonlinear Dyn 79:241-250]. <i>Nonlinear Dynamics</i> , 2017 , 88, 1043-1049	5	13
48	Asymptotic Behavior of Solutions of the Third Order Nonlinear Mixed Type Neutral Differential Equations. <i>Mathematics</i> , 2020 , 8, 485	2.3	10
47	Some New Oscillation Results for Fourth-Order Neutral Differential Equations with Delay Argument. <i>Symmetry</i> , 2020 , 12, 1248	2.7	9
46	Second-Order Impulsive Delay Differential Systems: Necessary and Sufficient Conditions for Oscillatory or Asymptotic Behavior. <i>Symmetry</i> , 2021 , 13, 722	2.7	9
45	New Results for Kneser Solutions of Third-Order Nonlinear Neutral Differential Equations. <i>Mathematics</i> , 2020 , 8, 686	2.3	8
44	New Oscillation Theorems for Second-Order Differential Equations with Canonical and Non-Canonical Operator via Riccati Transformation. <i>Mathematics</i> , 2021 , 9, 1111	2.3	8
43	New exact solutions to the dual-core optical fibers. <i>Indian Journal of Physics</i> , 2020 , 94, 705-711	1.4	8
42	Establishing New Criteria for Oscillation of Odd-Order Nonlinear Differential Equations. <i>Mathematics</i> , 2020 , 8, 937	2.3	7
41	More Effective Results for Testing Oscillation of Non-Canonical Neutral Delay Differential Equations. <i>Mathematics</i> , 2021 , 9, 1114	2.3	7
40	Oscillation Theory for Non-Linear Neutral Delay Differential Equations of Third Order. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4855	2.6	6
39	Oscillatory Properties of Odd-Order Delay Differential Equations with Distribution Deviating Arguments. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5952	2.6	6
38	Behavior of Non-Oscillatory Solutions of Fourth-Order Neutral Differential Equations. <i>Symmetry</i> , 2020 , 12, 477	2.7	5
37	Improved Oscillation Criteria for 2nd-Order Neutral Differential Equations with Distributed Deviating Arguments. <i>Mathematics</i> , 2020 , 8, 849	2.3	5
36	Oscillatory Properties of Solutions of Even-Order Differential Equations. <i>Symmetry</i> , 2020 , 12, 212	2.7	5
35	On the difference equation $x_{n+1} = a x_n$. <i>Advances in Difference Equations</i> , 2018 , 2018,	3.6	5
34	Sufficient Conditions for Oscillation of Fourth-Order Neutral Differential Equations with Distributed Deviating Arguments. <i>Axioms</i> , 2020 , 9, 39	1.6	4
33	Oscillatory behavior of solutions of odd-order nonlinear delay differential equations. <i>Advances in Difference Equations</i> , 2020 , 2020,	3.6	4
32	Criteria for the Nonexistence of Kneser Solutions of DDEs and Their Applications in Oscillation Theory. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 425	2.6	4

31	New Comparison Theorems for the Even-Order Neutral Delay Differential Equation. <i>Symmetry</i> , 2020 , 12, 764	2.7	3
30	Dynamics of General Class of Difference Equations and Population Model with Two Age Classes. <i>Mathematics</i> , 2020 , 8, 516	2.3	3
29	Global Analysis and the Periodic Character of a Class of Difference Equations. <i>Axioms</i> , 2019 , 8, 131	1.6	3
28	Second-Order Neutral Differential Equations: Improved Criteria for Testing the Oscillation. <i>Journal of Mathematics</i> , 2021 , 2021, 1-7	1.2	3
27	Dynamics of difference equation $x_{n+1} = f(x_n)$ <i>Advances in Difference Equations</i> , 2018 , 2018,	3.6	3
26	New Improved Results for Oscillation of Fourth-Order Neutral Differential Equations. <i>Mathematics</i> , 2021 , 9, 2388	2.3	3
25	Neutral Differential Equations of Fourth-Order: New Asymptotic Properties of Solutions. <i>Axioms</i> , 2022 , 11, 52	1.6	2
24	New Sufficient Conditions for Oscillation of Second-Order Neutral Delay Differential Equations. <i>Axioms</i> , 2021 , 10, 281	1.6	2
23	Oscillation Criteria for a Class of Third-Order Damped Neutral Differential Equations. <i>Symmetry</i> , 2020 , 12, 1988	2.7	2
22	Third-Order Neutral Delay Differential Equations: New Iterative Criteria for Oscillation. <i>Journal of Function Spaces</i> , 2020 , 2020, 1-8	0.8	2
21	An Oscillation Test for Solutions of Second-Order Neutral Differential Equations of Mixed Type. <i>Mathematics</i> , 2021 , 9, 1634	2.3	2
20	New Asymptotic Properties of Positive Solutions of Delay Differential Equations and Their Application. <i>Mathematics</i> , 2021 , 9, 1971	2.3	2
19	Geometry of Solutions of the Quasi-Vortex Filament Equation in Euclidean 3-Space E^3 . <i>Mathematics</i> , 2022 , 10, 891	2.3	2
18	Neutral Differential Equations of Second-Order: Iterative Monotonic Properties. <i>Mathematics</i> , 2022 , 10, 1356	2.3	2
17	New Monotonic Properties of the Class of Positive Solutions of Even-Order Neutral Differential Equations. <i>Mathematics</i> , 2022 , 10, 1470	2.3	2
16	New Monotonic Properties of Positive Solutions of Higher-Order Delay Differential Equations and Their Applications. <i>Mathematics</i> , 2022 , 10, 1786	2.3	2
15	Asymptotic Behavior of Solutions of Even-Order Differential Equations with Several Delays. <i>Fractal and Fractional</i> , 2022 , 6, 87	3	1
14	On the Periodicity of General Class of Difference Equations. <i>Axioms</i> , 2020 , 9, 75	1.6	1

13	Asymptotic Properties of Neutral Differential Equations with Variable Coefficients. <i>Axioms</i> , 2020 , 9, 96	1.6	1
12	On the Oscillatory Properties of Solutions of Second-Order Damped Delay Differential Equations. <i>Mathematics</i> , 2021 , 9, 1060	2.3	1
11	Noncanonical Neutral DDEs of Second-Order: New Sufficient Conditions for Oscillation. <i>Mathematics</i> , 2021 , 9, 2026	2.3	1
10	Asymptotic and Oscillatory Properties of Noncanonical Delay Differential Equations. <i>Fractal and Fractional</i> , 2021 , 5, 259	3	1
9	Oscillatory Behavior of Third-Order Quasi-Linear Neutral Differential Equations. <i>Axioms</i> , 2021 , 10, 346	1.6	0
8	New Results for Oscillation of Solutions of Odd-Order Neutral Differential Equations. <i>Symmetry</i> , 2021 , 13, 1095	2.7	0
7	Criteria for the Oscillation of Solutions to Linear Second-Order Delay Differential Equation with a Damping Term. <i>Axioms</i> , 2021 , 10, 246	1.6	0
6	The Behavior and Structures of Solution of Fifth-Order Rational Recursive Sequence. <i>Symmetry</i> , 2022 , 14, 641	2.7	0
5	New Comparison Results for Oscillation of Even-Order Delay Differential Equations. <i>Symmetry</i> , 2022 , 14, 946	2.7	0
4	New Conditions for Testing the Oscillation of Fourth-Order Differential Equations with Several Delays. <i>Symmetry</i> , 2022 , 14, 1068	2.7	0
3	Finite-Time Stability Analysis of Fractional Delay Systems. <i>Mathematics</i> , 2022 , 10, 1883	2.3	0
2	Even-Order Neutral Delay Differential Equations with Noncanonical Operator: New Oscillation Criteria. <i>Fractal and Fractional</i> , 2022 , 6, 313	3	0
1	Second-Order Non-Canonical Neutral Differential Equations with Mixed Type: Oscillatory Behavior. <i>Symmetry</i> , 2021 , 13, 318	2.7	