Abdul Khan

List of Publications by Year
in descending order

57 papers	**354** citations	932766 **10** h-index	996533 **15** g-index
57 all docs	**57** docs citations	**57** times ranked	**99** citing authors

#	Article	IF	Citations
1	Bifurcations of a two-dimensional discrete time plant-herbivore system. Communications in Nonlinear Science and Numerical Simulation, 2016, 39, 185-198.	1.7	38
2	Neimark-Sacker bifurcation of a two-dimensional discrete-time predator-prey model. SpringerPlus, 2016, 5, 126.	1.2	33
3	Global dynamics and bifurcation analysis of a host–parasitoid model with strong Allee effect. Journal of Biological Dynamics, 2017, 11, 121-146.	0.8	28
4	Asymptotic behavior of a Nicholson-Bailey model. Advances in Difference Equations, 2014, 2014, .	3.5	18
5	Neimark–Sacker bifurcation and hybrid control in a discrete–time Lotka–Volterra model. Mathematical Methods in the Applied Sciences, 2020, 43, 5887-5904.	1.2	14
6	Global dynamics of two systems of exponential difference equations by Lyapunov function. Advances in Difference Equations, 2014, 2014, .	3.5	13
7	Discrete-Time Predator-Prey Model with Bifurcations and Chaos. Mathematical Problems in Engineering, 2020, 2020, 1-14.	0.6	13
8	Behavior of an Exponential System of Difference Equations. Discrete Dynamics in Nature and Society, 2014, 2014, 1-9.	0.5	12
9	Global dynamics of some systems of higher-order rational difference equations. Advances in Difference Equations, 2013, 2013, .	3.5	11
10	Global dynamics of a competitive system of rational difference equations. Mathematical Methods in the Applied Sciences, 2015, 38, 4786-4796.	1.2	11
11	Discrete-time predator-prey model with flip bifurcation and chaos control. Mathematical Biosciences and Engineering, 2020, 17, 5944-5960.	1.0	11
12	Dynamics of a modified Nicholson-Bailey host-parasitoid model. Advances in Difference Equations, 2015, 2015, .	3.5	10
13	Qualitative behavior of two systems of higher–order difference equations. Mathematical Methods in the Applied Sciences, 2016, 39, 3058-3074.	1.2	10
14	Stability and Neimark–Sacker bifurcation of a ratio–dependence predator–prey model. Mathematical Methods in the Applied Sciences, 2017, 40, 4109-4117.	1.2	10
15	Bifurcations of a two-dimensional discrete-time predator–prey model. Advances in Difference Equations, 2019, 2019, .	3.5	8
16	On Stability Analysis of Higher-Order Rational Difference Equation. Discrete Dynamics in Nature and Society, 2020, 2020, 1-10.	0.5	8
17	Analytic Solutions and Stability of Sixth Order Difference Equations. Mathematical Problems in Engineering, 2020, 2020, 1-12.	0.6	7
18	Dynamics and Solutions' Expressions of a Higher-Order Nonlinear Fractional Recursive Sequence. Mathematical Problems in Engineering, 2021, 2021, 1-12.	0.6	7

#	ARTICLE	IF	CITATIONS
19	Global Dynamics, Boundedness, and Semicycle Analysis of a Difference Equation. Discrete Dynamics in Nature and Society, 2021, 2021, 1-10.	0.5	6
20	Bifurcation analysis of a discrete Phytoplankton-Zooplankton model with linear predational response function and toxic substance distribution. International Journal of Biomathematics, 0, , .	1.5	6
21	Stability analysis of a discrete biological model. International Journal of Biomathematics, 2016, 09, 1650021.	1.5	5
22	Bifurcations and chaos control in a discrete-time biological model. International Journal of Biomathematics, 2020, 13, 2050022.	1.5	5
23	Global dynamics, forbidden set, and transcritical bifurcation of a one‐dimensional discrete‐time laser model. Mathematical Methods in the Applied Sciences, 2020, 43, 4409.	1.2	5
24	Discrete-time COVID-19 epidemic model with bifurcation and control. Mathematical Biosciences and Engineering, 2021, 19, 1944-1969.	1.0	5
25	Global Dynamics and Bifurcations Analysis of a Two-Dimensional Discrete-Time Lotka-Volterra Model. Complexity, 2018, 2018, 1-18.	0.9	4
26	Global Dynamics of Higher-Order Exponential Systems of Difference Equations. Discrete Dynamics in Nature and Society, 2019, 2019, 1-19.	0.5	4
27	Global Dynamics of a 3 Ã— 6 System of Difference Equations. Discrete Dynamics in Nature and Society, 2019, 2019, 1-14.	0.5	4
28	Displaying the Structure of the Solutions for Some Fifth-Order Systems of Recursive Equations. Mathematical Problems in Engineering, 2021, 2021, 1-14.	0.6	4
29	Forms of Solutions for Some Two-Dimensional Systems of Rational Partial Recursion Equations. Mathematical Problems in Engineering, 2021, 2021, 1-10.	0.6	4
30	Qualitative Behavior of a Nonlinear Generalized Recursive Sequence with Delay. Mathematical Problems in Engineering, 2021, 2021, 1-8.	0.6	4
31	Discrete-time phytoplankton–zooplankton model with bifurcations and chaos. Advances in Difference Equations, 2021, 2021, .	3.5	4
32	Supercritical Neimark‐Sacker bifurcation of a discrete‐time Nicholson‐Bailey model. Mathematical Methods in the Applied Sciences, 2018, 41, 4841-4852.	1.2	3
33	Global Dynamics of Some 3 Ã— 6 Systems of Exponential Difference Equations. Discrete Dynamics in Nature and Society, 2018, 2018, 1-35.	0.5	3
34	Stability and Bifurcations Analysis of Discrete Dynamical Systems. Discrete Dynamics in Nature and Society, 2019, 2019, 1-2.	0.5	3
35	Dynamical properties of some rational systems of difference equations. Mathematical Methods in the Applied Sciences, 2021, 44, 3485-3508.	1.2	3
36	On the Solutions of Three-Dimensional Rational Difference Equation Systems. Journal of Mathematics, 2021, 2021, 1-15.	0.5	3

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37	Subcritical Neimark–Sacker bifurcation and hybrid control in a discrete-time Phytoplankton–Zooplankton model. International Journal of Biomathematics, 2022, 15, .	1.5	3
38	Neimark–Sacker Bifurcation of a Two-Dimensional Discrete-Time Chemical Model. Mathematical Problems in Engineering, 2020, 2020, 1-10.	0.6	2
39	Supercritical Neimark–Sacker Bifurcation and Hybrid Control in a Discrete-Time Glycolytic Oscillator Model. Mathematical Problems in Engineering, 2020, 2020, 1-15.	0.6	2
40	Bifurcations and hybrid control in a 3×3 discrete-time predator-prey model. Mathematical Biosciences and Engineering, 2020, 17, 6963-6992.	1.0	2
41	Closed-Form Solution of a Rational Difference Equation. Mathematical Problems in Engineering, 2021, 2021, 1-12.	0.6	2
42	Global dynamical properties of two discrete-time exponential systems. Journal of Taibah University for Science, 2019, 13, 790-804.	1.1	1
43	Global Dynamics of Some Exponential Type Systems. Discrete Dynamics in Nature and Society, 2020, 2020, 1-24.	0.5	1
44	Global Dynamical Properties of Rational Higher-Order System of Difference Equations. Discrete Dynamics in Nature and Society, 2020, 2020, 1-15.	0.5	1
45	Bifurcation Analysis of a Discrete-Time Two-Species Model. Discrete Dynamics in Nature and Society, 2020, 2020, 1-12.	0.5	1
46	Global Dynamics of Sixth-Order Fuzzy Difference Equation. Mathematical Problems in Engineering, 2021, 2021, 1-16.	0.6	1
47	Qualitative Behavior of Solutions of Tenth-Order Recursive Sequence Equation. Mathematical Problems in Engineering, 2022, 2022, 1-10.	0.6	1
48	Invariant Solutions for Nonhomogeneous Discrete Diffusion Equation. Discrete Dynamics in Nature and Society, 2013, 2013, 1-7.	0.5	0
49	Global dynamics of a 3 × 6 exponential system of difference equations. Mathematical Methods in the Applied Sciences, 2019, 42, 7243-7258.	1.2	0
50	Global dynamics of an exponential system by a discrete-time Lyapunov function. Journal of Taibah University for Science, 2020, 14, 513-523.	1.1	0
51	Bifurcation Analysis of a Discrete Food Chain Model with Harvesting. Mathematical Problems in Engineering, 2021, 2021, 1-31.	0.6	0
52	Global Dynamics, Bifurcation Analysis, and Chaos in a Discrete Kolmogorov Model with Piecewise-Constant Argument. Mathematical Problems in Engineering, 2021, 2021, 1-14.	0.6	0
53	Bifurcation analysis and chaos of a discrete-time Kolmogorov model. Journal of Taibah University for Science, 2021, 15, 1054-1067.	1.1	0
54	Dynamic Characteristics of Four Systems of Difference Equations with Higher Order. Advances in Mathematical Physics, 2021, 2021, 1-21.	0.4	0

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55	Stability and Bifurcation Analysis of Discrete Dynamical Systems 2020. Discrete Dynamics in Nature and Society, 2021, 2021, 1-2.	0.5	0
56	Behaviors of the Solutions via Their Closed-Form Formulas for Two Rational Third-Order Difference Equations. Discrete Dynamics in Nature and Society, 2021, 2021, 1-10.	0.5	0
57	Exact Solutions of Three-Dimensional Max-Type System of Difference Equations. Mathematical Problems in Engineering, 2022, 2022, 1-10.	0.6	0