Garyfalos Papaschinopoulos

List of Publications by Year
in descending order

50 papers	883 citations	623188 14 h-index	476904 29 g-index
51 all docs	51 docs citations	51 times ranked	151 citing authors

#	ARTICLE	IF	CITATIONS
1	On a System of Two Nonlinear Difference Equations. Journal of Mathematical Analysis and Applications, 1998, 219, 415-426.	0.5	125
2	Invariants and oscillation for systems of two nonlinear difference equations. Nonlinear Analysis: Theory, Methods & Applications, 2001, 46, 967-978.	0.6	96
3	On the dynamics of two exponential type systems of difference equations. Computers and Mathematics With Applications, 2012, 64, 2326-2334.	1.4	61
4	Study of the asymptotic behavior of the solutions of three systems of difference equations of exponential form. Applied Mathematics and Computation, 2012, 218, 5310-5318.	1.4	58
5	On a k-Order System of Lyness-Type Difference Equations. Advances in Difference Equations, 2007, 2007, 1-14.	3.5	51
6	Oscillation and asymptotic stability of two systems of difference equations of rational form. Journal of Difference Equations and Applications, 2001, 7, 601-617.	0.7	41
7	On the system of two difference equations of exponential form: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>x</mml:mi></mml:mrow><mml:mrow><mml:mi>n</mml:mi></mml:mrow></mml:msub><mml:mo>+</mml:mo> Mathematical and Computer Modelling, 2011, 54, 2969-2977.	2.0	38
8	On the nonautonomous difference equation <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>x</mml:mi></mml:mrow><mml:mrow><mml:mi>n</mml:mi></mml:mrow></mml:msub><mml: Applied Mathematics and Computation, 2011, 217, 5573-5580.	1.4	38
9	On a system of difference equations including negative exponential terms. Journal of Difference Equations and Applications, 2014, 20, 717-732.	0.7	27
10	On exponential trichotomy of linear difference equations. Applicable Analysis, 1991, 40, 89-109.	0.6	23
11	Asymptotic behavior of the positive solutions of an exponential type system of difference equations. Applied Mathematics and Computation, 2014, 245, 181-190.	1.4	23
12	Global Behavior of the Solutions of a Max-Equation and of a System of Two Max-Equations. Journal of Computational Analysis and Applications, 2003, 5, 237-254.	0.2	22
13	The periodic nature of the positive solutions of a nonlinear fuzzy max-difference equation. Information Sciences, 2006, 176, 3694-3710.	4.0	18
14	Trichotomy of a system of two difference equations. Journal of Mathematical Analysis and Applications, 2004, 289, 216-230.	0.5	16
15	On a system of difference equations with maximum. Applied Mathematics and Computation, 2013, 221, 684-690.	1.4	15
16	Persistence, Oscillatory Behavior, and Periodicity of the Solutions of a System of two Nonlinear Difference Equations. Journal of Difference Equations and Applications, 1998, 4, 315-323.	0.7	14
17	On the dynamics of the solutions of a biological model. Journal of Difference Equations and Applications, 2014, 20, 694-705.	0.7	14
18	On a Max Difference Equation. Journal of Mathematical Analysis and Applications, 2001, 258, 258-268.	0.5	13

#	Article	IF	Citations
19	On a modification of a discrete epidemic model. Computers and Mathematics With Applications, 2010, 59, 3559-3569.	1.4	13
20	Existence, uniqueness and attractivity of prime period two solution for a difference equation of exponential form. Applied Mathematics and Computation, 2012, 218, 11648-11653.	1.4	13
21	Existence stability and oscillation of the solutions of first order neutral delay differential equations with piecewise constant argument. Applicable Analysis, 1992, 44, 99-111.	0.6	11
22	Semistability of two systems of difference equations using centre manifold theory. Mathematical Methods in the Applied Sciences, 2016, 39, 5216-5222.	1.2	11
23	On the difference equation. Journal of Difference Equations and Applications, 2000, 6, 75-89.	0.7	10
24	On a difference equation with 3-periodic coefficient. Journal of Difference Equations and Applications, 2005, 11, 1281-1287.	0.7	10
25	Study of the stability of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml1" display="inline" overflow="scroll" altimg="si1.gif"><mml:mn>3</mml:mn><mml:mo>Ã—</mml:mo><mml:mn>3</mml:mn></mml:math> system of difference equations using Centre Manifold Theory. Applied Mathematics Letters, 2017, 64, 185-192.	1.5	10
26	Stability of the Non-Hyperbolic Zero Equilibrium of Two Close-to-Symmetric Systems of Difference Equations with Exponential Terms. Symmetry, 2018, 10, 188.	1.1	10
27	On a (k+1)-th order difference equation with a coefficient of periodk+1. Journal of Difference Equations and Applications, 2005, 11, 215-225.	0.7	9
28	Stability of two 3â€‰Ã—â€‰3 closeâ€toâ€cyclic systems of exponential difference equations. Mathematical Methods in the Applied Sciences, 2018, 41, 7936-7948.	1.2	9
29	On the Recursive Sequence xn+1=A+(xnâˆ’1p/xnq). Advances in Difference Equations, 2009, 2009, 1-11.	3.5	8
30	Profitability Edge by Dynamic Back Testing Optimal Period Selection for Technical Parameters Optimization, in Trading Systems with Forecasting. Computational Economics, 2018, 51, 761-807.	1.5	8
31	On the stability of some systems of exponential difference equations. Opuscula Mathematica, 2018, 38, 95.	0.3	7
32	Long-term behavior of positive solutions of an exponentially self-regulating system of difference equations. International Journal of Biomathematics, 2017, 10, 1750045.	1.5	6
33	Fuzzy Inference Systems: Selection of the most Appropriate Fuzzy Implication from Available Lake Water Quality Statistical Data. Environmental Processes, 2017, 4, 923-935.	1.7	6
34	On a system of m difference equations having exponential terms. Electronic Journal of Qualitative Theory of Differential Equations, 2015, , 1-13.	0.2	6
35	Some roughness results concerning reducibility for linear difference equations. International Journal of Mathematics and Mathematical Sciences, 1988, 11, 793-804.	0.3	5
36	On a class of third order neutral delay differential equations with piecewise constant argument. International Journal of Mathematics and Mathematical Sciences, 1994, 17, 113-117.	0.3	4

#	Article	IF	Citations
37	Research of fuzzy implications via fuzzy linear regression in a eutrophic waterbody. AIP Conference Proceedings, 2018, , .	0.3	4
38	Research of fuzzy implications via fuzzy linear regression in data analysis for a fuzzy model. Journal of Computational Methods in Sciences and Engineering, 2020, 20, 879-888.	0.1	4
39	Stability and flip bifurcation of a threeâ€dimensional exponential system of difference equations. Mathematical Methods in the Applied Sciences, 2021, 44, 4316-4329.	1.2	4
40	Boundedness, periodicity and stability of the difference equation X<SUB align=right>n+1 = A<SUB		