Mustafa R S Kulenovic

List of Publications by Year
in descending order

97 papers	2,101 citations	304368 22 h-index	315357 38 g-index
99 all docs	99 docs citations	99 times ranked	425 citing authors

#	Article	IF	Citations
1	Environmental periodicity and time delays in a â€œfood-limitedâ€•population model. Journal of Mathematical Analysis and Applications, 1990, 147, 545-555.	0.5	105
2	A coupled system of rational difference equations. Computers and Mathematics With Applications, 2002, 43, 849-867.	1.4	92
3	Global asymptotic behavior of a two-dimensional difference equation modelling competition. Nonlinear Analysis: Theory, Methods & Applications, 2003, 52, 1765-1776.	0.6	87
4	Global attractivity in population dynamics. Computers and Mathematics With Applications, 1989, 18, 925-928.	1.4	75
5	Linearized oscillations in population dynamics. Bulletin of Mathematical Biology, 1987, 49, 615-627.	0.9	74
6	A rational difference equation. Computers and Mathematics With Applications, 2001, 41, 671-678.	1.4	69
7	Rational systems in the planeEdited by Gerry LadasIn this section, we present some open problems and conjectures about some interesting types of difference equations. Please submit your problems and conjectures with all relevant information to G. Ladas: gladas@math.uri.edu. Journal of Difference Equations and Applications, 2009, 15, 303-323.	0.7	65
8	Global attractivity in nicholson's blowflies. Applicable Analysis, 1992, 43, 109-124.	0.6	62
9	INVARIANT MANIFOLDS FOR COMPETITIVE DISCRETE SYSTEMS IN THE PLANE. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 2471-2486.	0.7	52
10	Oscillations and global attractivity in models of hematopoiesis. Journal of Dynamics and Differential Equations, 1990, 2, 117-132.	1.0	51
11	On the Recursive Sequence yn+1=(p+ynâˆ'1)/(qyn+ynâˆ'1). Journal of Mathematical Analysis and Applications, 2000, 251, 571-586.	0.5	51
12	On the Trichotomy Character of x n +1 =(Î±+Î² x n +Î³ x n âˆ'1)/(A + x n). Journal of Difference Equations and Applications, 2002, 8, 75-92.	0.7	50
13	Existence of Nonoscillatory Solution of Second Order Linear Neutral Delay Equation. Journal of Mathematical Analysis and Applications, 1998, 228, 436-448.	0.5	45
14	Necessary and sufficient condition for oscillations of neutral differential equations. Journal of the Australian Mathematical Society Series B Applied Mathematics, 1987, 28, 362-375.	0.3	44
15	On the recursive sequence. Journal of Difference Equations and Applications, 2000, 6, 563-576.	0.7	42
16	Global bifurcation for discrete competitive systems in the plane. Discrete and Continuous Dynamical Systems - Series B, 2009, 12, 133-149.	0.5	42
17	Competitive-exclusion versus competitive-coexistence for systems in the plane. Discrete and Continuous Dynamical Systems - Series B, 2006, 6, 1141-1156.	0.5	41
18	The dynamics of Ï‡n+1=Î±+Î²Ï‡nA+BÏ‡n+Cxn-1 facts and conjectures. Computers and Mathematics With Applications, 2003, 45, 1087-1099.	1.4	33

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19	Sufficient conditions for oscillation and nonoscillation of neutral equations. Journal of Differential Equations, 1987, 68, 373-382.	1.1	30
20	On the Dynamics of with a Period-two Coefficient. Journal of Difference Equations and Applications, 2004, 10, 905-914.	0.7	28
21	On a system of rational difference equations. Journal of Difference Equations and Applications, 2005, 11, 565-580.	0.7	25
22	On oscillation of nonlinear delay differential equations. Quarterly of Applied Mathematics, 1987, 45, 155-164.	0.5	25
23	Asymptotic behavior of a competitive system of linear fractional difference equations. Advances in Difference Equations, 2006, 2006, 1-14.	3.5	23
24	Asymptotic behavior of a system of linear fractional difference equations. Journal of Inequalities and Applications, 2005, 2005, 741584.	0.5	21
25	Attractivity and global stability for linearizable difference equations. Computers and Mathematics With Applications, 2009, 57, 1592-1607.	1.4	21
26	Oscillations and global attractivity in respiratory dynamics. Dynamical Systems, 1989, 4, 131-139.	0.7	20
27	A global attractivity result for maps with invariant boxes. Discrete and Continuous Dynamical Systems - Series B, 2006, 6, 97-110.	0.5	20
28	Compensatory versus Overcompensatory Dynamics in Density-dependent Leslie Models. Journal of Difference Equations and Applications, 2004, 10, 1251-1265.	0.7	18
29	Open problems and conjectures. Journal of Difference Equations and Applications, 2000, 6, 641-646.	0.7	16
30	Global behavior of a two-dimensional competitive system of difference equations with stocking. Mathematical and Computer Modelling, 2012, 55, 1998-2011.	2.0	16
31	First order functional differential inequalities with oscillating coefficients. Nonlinear Analysis: Theory, Methods & Applications, 1984, 8, 1043-1054.	0.6	15
32	Stability of solutions of linear delay differential equations. Proceedings of the American Mathematical Society, 1987, 100, 433-441.	0.4	15
33	On the asymptotic behavior of second order differential inequalities with alternating coefficients. Mathematische Nachrichten, 1980, 98, 317-327.	0.4	14
34	On the Recursive Sequence. Journal of Difference Equations and Applications, 2003, 9, 701-720.	0.7	14
35	Open Problems and Conjectures: Edited by Gerry Ladas. Journal of Difference Equations and Applications, 2003, 9, 1053-1056.	0.7	13
36	Global behavior of a three-dimensional linear fractional system of difference equations. Journal of Mathematical Analysis and Applications, 2005, 310, 673-689.	0.5	13

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37	Global Behavior of Four Competitive Rational Systems of Difference Equations in the Plane. Discrete Dynamics in Nature and Society, 2009, 2009, 1-34.	0.5	13
38	Multiple Attractors for a Competitive System of Rational Difference Equations in the Plane. Abstract and Applied Analysis, 2011, 2011, 1-35.	0.3	13
39	Some comparison and oscillation results for first-order differential equations and inequalities with a deviating argument. Journal of Mathematical Analysis and Applications, 1988, 131, 67-84.	0.5	12
40	Stability analysis of Pielou's equation with period-two coefficient. Journal of Difference Equations and Applications, 2007, 13, 383-406.	0.7	12
41	Global Dynamics of a Competitive System of Rational Difference Equations in the Plane. Advances in Difference Equations, 2009, 2009, 1-30.	3.5	12
42	Global attractivity of the equilibrium of â€ƒforÂq‹p. Journal of Difference Equations and Applications, 2006, 12, 101-108.	0.7	11
43	Two species competitive model with the Allee effect. Advances in Difference Equations, 2014, 2014, .	3.5	11
44	Global dynamics and bifurcation of a perturbed Sigmoid Bevertonâ€"Holt difference equation. Mathematical Methods in the Applied Sciences, 2016, 39, 2696-2715.	1.2	11
45	Stability of the Gumowskiâ€"Mira equation with period-two coefficient. Journal of Mathematical Analysis and Applications, 2005, 307, 292-304.	0.5	10
46	Dynamics of certain anti-competitive systems of rational difference equations in the plane. Journal of Difference Equations and Applications, 2011, 17, 1599-1615.	0.7	10
47	Basins of attraction of equilibrium points of second order difference equations. Applied Mathematics Letters, 2012, 25, 2110-2115.	1.5	10
48	Global Period-Doubling Bifurcation of Quadratic Fractional Second Order Difference Equation. Discrete Dynamics in Nature and Society, 2014, 2014, 1-13.	0.5	9
49	Global Dynamics and Bifurcations of Certain Second Order Rational Difference Equation with Quadratic Terms. Qualitative Theory of Dynamical Systems, 2016, 15, 283-307.	0.8	9
50	Nonoscillatory solutions for system of neutral delay equation. Nonlinear Analysis: Theory, Methods & Applications, 2003, 54, 63-81.	0.6	8
51	Dynamics of the Recursive Sequence. Journal of Difference Equations and Applications, 2004, 10, 915-928.	0.7	8
52	STABILITY OF THE kTH ORDER LYNESS' EQUATION WITH A PERIOD-k COEFFICIENT. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 143-152.	0.7	8
53	Oscillations of a system of delay logistic equations. Journal of Mathematical Analysis and Applications, 1990, 146, 192-202.	0.5	7
54	Global dynamics of certain competitive system in the plane. Journal of Difference Equations and Applications, 2012, 18, 1951-1966.	0.7	7

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55	Global Dynamics of Certain Homogeneous Second-Order Quadratic Fractional Difference Equation. Scientific World Journal, The, 2013, 2013, 1-10.	0.8	7
56	Global dynamics of quadratic second order difference equation in the first quadrant. Applied Mathematics and Computation, 2014, 227, 50-65.	1.4	7
57	Local dynamics and global attractivity of a certain second-order quadratic fractional difference equation. Advances in Difference Equations, 2014, 2014, .	3.5	7
58	Global Asymptotic Stability for Discrete Single Species Population Models. Discrete Dynamics in Nature and Society, 2017, 2017, 1-15.	0.5	7
59	Naimark-Sacker bifurcation of second order rational difference equation with quadratic terms. Journal of Nonlinear Science and Applications, 2017, 10, 3477-3489.	0.4	7
60	Necessary and Sufficient Conditions for the Oscillation of a Second Order Linear Differential Equation. Mathematische Nachrichten, 2000, 213, 105-115.	0.4	6
61	Dynamics of a two-dimensional competitive system of rational difference equations with quadratic terms. Advances in Difference Equations, 2014, 2014, .	3.5	6
62	Basins of Attraction for Two-Species Competitive Model with Quadratic Terms and the Singular Allee Effect. Discrete Dynamics in Nature and Society, 2015, 2015, 1-16.	0.5	6
63	Progress Report on Rational Difference Equations. Journal of Difference Equations and Applications, 2004, 10, 1313-1327.	0.7	5
64	Birkhoff Normal Forms and KAM Theory for Gumowski-Mira Equation. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	5
65	Basins of attraction of equilibrium and boundary points of second-order difference equations. Journal of Difference Equations and Applications, 2014, 20, 947-959.	0.7	5
66	Global asymptotic stability for quadratic fractional difference equation. Advances in Difference Equations, 2015, 2015, .	3.5	5
67	Invariant curves for planar competitive and cooperative maps. Journal of Difference Equations and Applications, 2018, 24, 898-915.	0.7	5
68	Asymptotic behavior of a discrete-time density-dependent SI epidemic model with constant recruitment. Journal of Applied Mathematics and Computing, 2021, 67, 733-753.	1.2	5
69	On the nonexistence of L^2-solutions of nth order differential equations. Proceedings of the Edinburgh Mathematical Society, 1981, 24, 131-136.	0.2	4
70	Stability of the asymptotic behavior of solutions of nonlinear differential inequalities relative to a lag in the argument. Ukrainian Mathematical Journal, 1984, 36, 352-358.	0.1	4
71	A Myskis-Type Comparison Result for Neutral Equations. Mathematische Nachrichten, 1990, 146, 195-206.	0.4	4
72	Global dynamics of an anti-competitive system of rational difference equations in the plane. Journal of Difference Equations and Applications, 2013, 19, 1849-1871.	0.7	4

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73	Basins of attraction of period-two solutions of monotone difference equations. Advances in Difference Equations, 2016, 2016, .	3.5	4
74	Global Asymptotic Stability and Naimark-Sacker Bifurcation of Certain Mix Monotone Difference Equation. Discrete Dynamics in Nature and Society, 2018, 2018, 1-22.	0.5	4
75	The asymptotic behavior of nonoscillatory solutions of some nonlinear differential equations. Nonlinear Analysis: Theory, Methods & Applications, 2000, 42, 821-833.	0.6	3
76	Local Dynamics and Global Stability of Certain Second-Order Rational Difference Equation with Quadratic Terms. Discrete Dynamics in Nature and Society, 2016, 2016, 1-14.	0.5	3
77	Birkhoff Normal Forms, KAM Theory and Time Reversal Symmetry for Certain Rational Map. Mathematics, 2016, 4, 20.	1.1	3
78	Global dynamic scenarios for competitive maps in the plane. Advances in Difference Equations, 2018, 2018, .	3.5	3
79	Global Dynamics of Leslie-Gower Competitive Systems in the Plane. Mathematics, 2019, 7, 76.	1.1	3
80	Global Dynamics of Delayed Sigmoid Beverton–Holt Equation. Discrete Dynamics in Nature and Society, 2020, 2020, 1-15.	0.5	3
81	Comparison results for oscillations of delay equations. Annali Di Matematica Pura Ed Applicata, 1990, 156, 1-14.	0.5	2
82	Global Dynamics of Three Anticompetitive Systems of Difference Equations in the Plane. Discrete Dynamics in Nature and Society, 2013, 2013, 1-11.	0.5	2
83	Global Dynamics of a Cooperative Discrete System in the Plane. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1830022.	0.7	2
84	Oscillatory and Asymptotic Properties of First Order Differential Equations and Inequalities with a Deviating Argument. Mathematische Nachrichten, 1985, 123, 7-21.	0.4	1
85	On the stability of solutions of certain systems of differential equations with piecewise constant argument. Czechoslovak Mathematical Journal, 2002, 52, 449-461.	0.3	1
86	A note on unbounded solutions of a class of second order rational difference equations. Journal of Difference Equations and Applications, 2006, 12, 777-781.	0.7	1
87	Global Asymptotic Stability for Linear Fractional Difference Equation. Journal of Difference Equations, 2014, 2014, 1-11.	0.1	1
88	Global dynamics of cubic second order difference equation in the first quadrant. Advances in Difference Equations, 2015, 2015, .	3.5	1
89	CONVERGENCE TO A PERIOD-TWO SOLUTION FOR A CLASS OF SECOND ORDER RATIONAL DIFFERENCE EQUATIONS. , 2007, , .		1
90	Maintenance of oscillatory and asymptotic behaviour of solutions of differential inequalities under the effect of advanced and mixed argument. Acta Mathematica Hungarica, 1984, 44, 21-33.	0.3	0

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91	The amplitudes of nonlinear oscillations. Applied Mathematics Letters, 2005, 18, 505-511.	1.5	0
92	Deterministic Discrete Dynamical Systems: Advances in Regular and Chaotic Behavior with Applications. Discrete Dynamics in Nature and Society, 2013, 2013, 1-2.	0.5	0
93	Existence of a Period-Two Solution in Linearizable Difference Equations. Discrete Dynamics in Nature and Society, 2013, 2013, 1-9.	0.5	0
94	Bifurcation and Global Dynamics of a Leslie-Gower Type Competitive System of Rational Difference Equations with Quadratic Terms. Abstract and Applied Analysis, 2017, 2017, 1-19.	0.3	0
95	Global Behavior of Certain Nonautonomous Linearizable Three Term Difference Equations. Mathematics, 2018, 6, 79.	1.1	0
96	Properties of basins of attraction for planar discrete cooperative maps. Discrete and Continuous Dynamical Systems - Series B, 2021, 26, 2721.	0.5	0
97	The Neimark–Sacker Bifurcation and Global Stability of Perturbation of Sigmoid Beverton–Holt Difference Equation. Discrete Dynamics in Nature and Society, 2021, 2021, 1-14.	0.5	0