Mihaly Pituk

List of Publications by Year
in descending order

49	510	687363 13	713466 21
papers	citations	h-index	g-index

50	50	50	150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	More on PoincarÃ©â€™s and Perronâ€™s Theorems for Difference Equationsâˆ—. Journal of Difference Equations and Applications, 2002, 8, 201-216.	1.1	95
2	More on Linear Differential Systems with Small Delays. Journal of Differential Equations, 2001, 170, 381-407.	2.2	46
3	Asymptotic behavior and oscillation of functional differential equations. Journal of Mathematical Analysis and Applications, 2006, 322, 1140-1158.	1.0	29
4	A Perron type theorem for functional differential equations. Journal of Mathematical Analysis and Applications, 2006, 316, 24-41.	1.0	27
5	Semistability of complex balanced kinetic systems with arbitrary time delays. Systems and Control Letters, 2018, 114, 38-43.	2.3	24
6	Convergence in Asymptotically Autonomous Functional Differential Equations. Journal of Mathematical Analysis and Applications, 1999, 237, 376-392.	1.0	18
7	Asymptotic Behavior of a PoincarÃ© Recurrence System. Journal of Approximation Theory, 1997, 91, 226-243.	0.8	17
8	Asymptotic Behavior of a Nonhomogeneous Linear Recurrence System. Journal of Mathematical Analysis and Applications, 2002, 267, 626-642.	1.0	17
9	Oscillation of a linear delay differential equation with slowly varying coefficient. Applied Mathematics Letters, 2017, 73, 29-36.	2.7	17
10	Convergence to equilibria in scalar nonquasimonotone functional differential equations. Journal of Differential Equations, 2003, 193, 95-130.	2.2	15
11	Boundedness and Stability for Higher Order Difference Equations*. Journal of Difference Equations and Applications, 2004, 10, 343-356.	1.1	15
12	A sharp oscillation criterion for a linear delay differential equation. Applied Mathematics Letters, 2019, 93, 58-65.	2.7	14
13	Asymptotic Behavior of a PoincarÃ© Difference Equation. Journal of Difference Equations and Applications, 1997, 3, 33-53.	1.1	13
14	The converse of the theorem on stability by the first approximation for difference equations. Nonlinear Analysis: Theory, Methods & Applications, 2001, 47, 4635-4640.	1.1	13
15	Modelling and stability analysis of complex balanced kinetic systems with distributed time delays. Journal of Process Control, 2019, 84, 13-23.	3.3	12
16	The Hartmanâ€“Wintner Theorem for Functional Differential Equations. Journal of Differential Equations, 1999, 155, 1-16.	2.2	11
17	Nonoscillatory solutions of a second-order difference equation of PoincarÃ© type. Applied Mathematics Letters, 2009, 22, 679-683.	2.7	11
18	Asymptotic estimates and exponential stability for higher-order monotone difference equations. Advances in Difference Equations, 2005, 2005, 947201.	3.5	10

#	Article	IF	Citations
19	Exponential stability in a scalar functional differential equation. Journal of Inequalities and Applications, 2006, 2006, 1-10.	1.1	10
20	Asymptotic Expansions for Higher-Order Scalar Difference Equations. Advances in Difference Equations, 2007, 2007, 1-13.	3.5	9
21	Approximation of a Linear Autonomous Differential Equation with Small Delay. Symmetry, 2019, 11, 1299.	2.2	9
22	Asymptotic behavior of a linear difference equation with continuous time. Periodica Mathematica Hungarica, 2008, 56, 97-104.	0.9	8
23	Shadowing for nonautonomous difference equations with infinite delay. Applied Mathematics Letters, 2021, 120, 107284.	2.7	8
24	Asymptotic formulas for a scalar linear delay differential equation. Electronic Journal of Qualitative Theory of Differential Equations, 2016, , 1-14.	0.5	8
25	A variant of the Kreinâ€“Rutman theorem for PoincarÃ© difference equations. Journal of Difference Equations and Applications, 2012, 18, 1751-1762.	1.1	6
26	Large time behavior of a linear delay differential equation with asymptotically small coefficient. Boundary Value Problems, 2014, 2014, .	0.7	5
27	Asymptotic behavior of solutions of a differential equation with asymptotically constant delay. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 1111-1118.	1.1	4
28	Ergodicity in nonautonomous linear ordinary differential equations. Journal of Mathematical Analysis and Applications, 2019, 479, 1441-1455.	1.0	4
29	Asymptotically ordinary linear Volterra difference equations with infinite delay. Applied Mathematics and Computation, 2020, 386, 125499.	2.2	4
30	Linearized stability in the context of an example by Rodrigues and SolÃ-Morales. Journal of Differential Equations, 2020, 269, 9838-9845.	2.2	4
31	CesÃro summability in a linear autonomous difference equation. Proceedings of the American Mathematical Society, 2005, 133, 3333-3339.	0.8	3
32	Linearized oscillation in a nonautonomous scalar delay differential equation. Applied Mathematics Letters, 2006, 19, 320-325.	2.7	3
33	Nonnegative iterations with asymptotically constant coefficients. Linear Algebra and Its Applications, 2009, 431, 1815-1824.	0.9	3
34	A link between the Perronâ€“Frobenius theorem and Perronâ€™s theorem for difference equations. Linear Algebra and Its Applications, 2011, 434, 490-500.	0.9	3
35	The first positive root of the fundamental solution is an optimal oscillation bound for linear delay differential equations. Journal of Mathematical Analysis and Applications, 2022, 507, 125789.	1.0	3
36	A note on the oscillation of linear time-invariant systems. Applied Mathematics Letters, 2012, 25, 876-879.	2.7	2

#	Article	IF	Citations
37	Convergence in nonautonomous linear differential equations with Kirchhoff coefficients. Systems and Control Letters, 2021, 149, 104884.	2.3	2
38	Special solutions of neutral functional differential equations. Journal of Inequalities and Applications, 2001, 2001, 457180.	1.1	2
39	Explicit values of the oscillation bounds for linear delay differential equations with monotone argument. Communications in Contemporary Mathematics, 0, , .	1.2	2
40	The local spectral radius of a nonnegative orbit of compact linear operators. Mathematica Slovaca, 2016, 66, 707-714.	0.6	1
41	Ergodicity beyond asymptotically autonomous linear difference equations. Applied Mathematics Letters, 2018, 86, 149-156.	2.7	1
42	Existence of Nonnegative Solutions of Linear Autonomous Functional Differential Equations. Mathematics, 2020, 8, 1098.	2.2	1
43	A Perron type theorem for positive solutions of functional differential equations. Electronic Journal of Qualitative Theory of Differential Equations, 2018, , 1-11.	0.5	1
44	Short Notes: A Note on the Growth Rates of Nonoscillatory Solutions of Nonlinear Difference Equations. Journal of Difference Equations and Applications, 2004, 10, 1033-1036.	1.1	0
45	A limit boundary value problem for a nonlinear difference equation. Computers and Mathematics With Applications, 2012, 64, 2364-2369.	2.7	0
46	Large time behavior of a linear difference equation with rationally non-related delays. Journal of Mathematical Analysis and Applications, 2013, 400, 239-246.	1.0	0
47	Weighted limits for PoincarÃ© difference equations. Applied Mathematics Letters, 2015, 49, 51-57.	2.7	0
48	A Note on Ergodicity for Nonautonomous Linear Difference Equations. Springer Proceedings in Mathematics and Statistics, 2020, , 37-44.	0.2	0
49	In Memoriam IstvÃ¡n GyÅ‘ri. Mathematica Pannonica, 2022, , 1-2.	0.0	0