Akbar Zada

List of Publications by Year
in descending order

115 papers	1,890 citations	201674 27 h-index	315739 38 g-index
117 all docs	117 docs citations	117 times ranked	438 citing authors

#	Article	IF	Citations
1	On Ulamâ€™s Stability for a Coupled Systems of Nonlinear Implicit Fractional Differential Equations. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 2681-2699.	0.9	83
2	Hyersâ€“Ulam stability of non-autonomous systems in terms of boundedness of Cauchy problems. Applied Mathematics and Computation, 2015, 271, 512-518.	2.2	72
3	Hyersâ€“Ulam stability of nonlinear differential equations with fractional integrable impulses. Mathematical Methods in the Applied Sciences, 2017, 40, 5502-5514.	2.3	69
4	Ulamâ€™s type stability of higher order nonlinear delay differential equations via integral inequality of GrÃ¶nwall-Bellman-Bihariâ€™s type. Applied Mathematics and Computation, 2019, 350, 60-65.	2.2	57
5	Stability Analysis of Multi-point Boundary Value Problem for Sequential Fractional Differential Equations with Non-instantaneous Impulses. International Journal of Nonlinear Sciences and Numerical Simulation, 2018, 19, 763-774.	1.0	53
6	Hyersâ€“Ulam stability of a coupled system of fractional differential equations of Hilferâ€“Hadamard type. Demonstratio Mathematica, 2019, 52, 283-295.	1.5	50
7	Stability analysis of a coupled system of nonlinear implicit fractional antiâ€periodic boundary value problem. Mathematical Methods in the Applied Sciences, 2019, 42, 6706-6732.	2.3	48
8	Ulam-type stability for a class of implicit fractional differential equations with non-instantaneous integral impulses and boundary condition. Advances in Difference Equations, 2017, 2017, .	3.5	45
9	Stability Analysis of the First Order Non-linear Impulsive Time Varying Delay Dynamic System on Time Scales. Qualitative Theory of Dynamical Systems, 2019, 18, 825-840.	1.7	45
10	Stability analysis of nonlinear fractional differential equations with Caputo and Riemann-Liouville derivatives. European Physical Journal Plus, 2018, 133, 1.	2.6	44
11	Ulamâ€™s-Type Stability of First-Order Impulsive Differential Equations with Variable Delay in Quasiâ€“Banach Spaces. International Journal of Nonlinear Sciences and Numerical Simulation, 2018, 19, 553-560.	1.0	43
12	Ulamâ€“Hyers stability of impulsive integrodifferential equations with Riemannâ€“Liouville boundary conditions. Advances in Difference Equations, 2020, 2020, .	3.5	43
13	Stability analysis of nonlinear implicit fractional Langevin equation with noninstantaneous impulses. Advances in Difference Equations, 2019, 2019, .	3.5	42
14	Synchronization of bidirectional N-coupled fractional-order chaotic systems with ring connection based on antisymmetric structure. Advances in Difference Equations, 2019, 2019, .	3.5	42
15	Ulam stability to a toppled systems of nonlinear implicit fractional order boundary value problem. Boundary Value Problems, 2018, 2018, .	0.7	41
16	Stability of higher-order nonlinear impulsive differential equations. Journal of Nonlinear Science and Applications, 2016, 09, 4713-4721.	1.0	41
17	Connections between Hyers-Ulam stability and uniform exponential stability of discrete evolution families of bounded linear operators over Banach spaces. Advances in Difference Equations, 2016, 2016, .	3.5	40
18	Hyers–Ulam stability of nth order linear differential equations. Journal of Nonlinear Science and Applications, 2016, 09, 2070-2075.	1.0	39

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19	Existence and stability of impulsive coupled system of fractional integrodifferential equations. Demonstratio Mathematica, 2019, 52, 296-335.	1.5	37
20	Stability analysis of higher order nonlinear differential equations in Î²â€“normed spaces. Mathematical Methods in the Applied Sciences, 2019, 42, 1151-1166.	2.3	36
21	On the Existence and Stability of a Neutral Stochastic Fractional Differential System. Fractal and Fractional, 2022, 6, 203.	3.3	33
22	Nonlinear impulsive Langevin equation with mixed derivatives. Mathematical Methods in the Applied Sciences, 2020, 43, 427-442.	2.3	32
23	Existence, uniqueness and stability of solution to mixed integral dynamic systems with instantaneous and noninstantaneous impulses on time scales. Applied Mathematics and Computation, 2019, 359, 202-213.	2.2	29
24	Stability analysis of a nonlinear coupled implicit switched singular fractional differential system with p-Laplacian. Advances in Difference Equations, 2019, 2019, .	3.5	29
25	Connections between Hyers-Ulam stability and uniform exponential stability of 2-periodic linear nonautonomous systems. Advances in Difference Equations, 2017, 2017, .	3.5	28
26	Analysis of Nonlinear Coupled Systems of Impulsive Fractional Differential Equations with Hadamard Derivatives. Mathematical Problems in Engineering, 2019, 2019, 1-20.	1.1	28
27	On the Hyers-Ulam Stability of First-Order Impulsive Delay Differential Equations. Journal of Function Spaces, 2016, 2016, 1-6.	0.9	27
28	Analysis of coupled systems of implicit impulsive fractional differential equations involving Hadamard derivatives. Advances in Difference Equations, 2019, 2019, .	3.5	27
29	Hyers-Ulam Stability of First-Order Non-Linear Delay Differential Equations with Fractional Integrable Impulses. Hacettepe Journal of Mathematics and Statistics, 2017, 47, .	0.3	27
30	Investigation of Ulam Stability Results of a Coupled System of Nonlinear Implicit Fractional Differential Equations. Mathematics, 2019, 7, 341.	2.2	23
31	Hyersâ€“Ulam stability of impulsive integral equations. Bolletino Dell Unione Matematica Italiana, 2019, 12, 453-467.	1.0	21
32	Analysis of qâ€fractional implicit boundary value problems having Stieltjes integral conditions. Mathematical Methods in the Applied Sciences, 2021, 44, 4381-4413.	2.3	21
33	A fractional differential equation with multi-point strip boundary condition involving the Caputo fractional derivative and its Hyersâ€“Ulam stability. Boundary Value Problems, 2021, 2021, .	0.7	20
34	Existence, Uniqueness and Stability of Implicit Switched Coupled Fractional Differential Equations of Ï^$oldsymbol{psi}$-Hilfer Type. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, 21, 327-337.	1.0	19
35	Analysis of Implicit Type Nonlinear Dynamical Problem of Impulsive Fractional Differential Equations. Complexity, 2018, 2018, 1-15.	1.6	18
36	Î²â€“Hyersâ€“Ulamâ€“Rassias Stability of Semilinear Nonautonomous Impulsive System. Symmetry, 2019, 11, 2312.2		18

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37	Hyers-Ulam-Rassias stability of non-linear delay differential equations. Journal of Nonlinear Science and Applications, 2017, 10, 504-510.	1.0	18
38	Existence and Stability Analysis of Three Point Boundary Value Problem. International Journal of Applied and Computational Mathematics, 2017, 3, 651-664.	1.6	17
39	Linear impulsive dynamic systems on time scales. Electronic Journal of Qualitative Theory of Differential Equations, 2010, , 1-30.	0.5	17
40	Stability Results for a Coupled System of Impulsive Fractional Differential Equations. Mathematics, 2019, 7, 927.	2.2	16
41	Existence, uniqueness and stability analysis of a coupled fractional-order differential systems involving Hadamard derivatives and associated with multi-point boundary conditions. Advances in Difference Equations, 2021, 2021, .	3.5	16
42	Stability Analysis of nth Order Nonlinear Impulsive Differential Equations in Quasiâ€“Banach Space. Numerical Functional Analysis and Optimization, 2020, 41, 294-321.	1.4	15
43	Stability of Integral Caputo-Type Boundary Value Problem with Noninstantaneous Impulses. International Journal of Applied and Computational Mathematics, 2019, 5, 1.	1.6	14
44	On implicit impulsive Langevin equation involving mixed order derivatives. Advances in Difference Equations, 2019, 2019, .	3.5	13
45	MATHEMATICAL ANALYSIS OF COUPLED SYSTEMS WITH FRACTIONAL ORDER BOUNDARY CONDITIONS. Fractals, 2020, 28, 2040012.	3.7	13
46	Analysis of Coupled System of Implicit Fractional Differential Equations Involving Katugampolaâ€“Caputo Fractional Derivative. Complexity, 2020, 2020, 1-11.	1.6	13
47	Stability analysis of firstâ€order impulsive nonautonomous system on timescales. Mathematical Methods in the Applied Sciences, 2020, 43, 5097-5113.	2.3	13
48	Existence and stability analysis of nonlinear sequential coupled system of Caputo fractional differential equations with integral boundary conditions. Annales Universitatis Paedagogicae Cracoviensis: Studia Mathematica, 2018, 17, 103-125.	0.5	13
49	On l-Volterra quadratic stochastic operators. Doklady Mathematics, 2009, 79, 32-34.	0.6	12
50	Existence and Stability of Implicit Fractional Differential Equations with Stieltjes Boundary Conditions Involving Hadamard Derivatives. Complexity, 2021, 2021, 1-36.	1.6	12
51	Wellâ€posedness and Hyersâ€Ulam results for a class of impulsive fractional evolution equations. Mathematical Methods in the Applied Sciences, 2021, 44, 749-771.	2.3	11
52	On coupled impulsive fractional integro-differential equations with Riemann-Liouville derivatives. AIMS Mathematics, 2021, 6, 1561-1595.	1.6	11
53	Hyers-Ulam stability of nonlinear impulsive Volterra integro-delay dynamic system on time scales. Journal of Nonlinear Science and Applications, 2017, 10, 5701-5711.	1.0	11
54	Hyersâ€“Ulam Stability for a Coupled System of Fractional Differential Equation With p-Laplacian Operator Having Integral Boundary Conditions. Qualitative Theory of Dynamical Systems, 2022, 21, .	1.7	11

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55	Existence theory and stability analysis of switched coupled system of nonlinear implicit impulsive Langevin equations with mixed derivatives. Mathematical Methods in the Applied Sciences, 2021, 44, 8963-8985.	2.3	10
56	Analysis of a New Class of Impulsive Implicit Sequential Fractional Differential Equations. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, 21, 571-587.	1.0	10
57	Ulam stability results for the solutions of nonlinear implicit fractional order differential equations. Hacettepe Journal of Mathematics and Statistics, 2018, , .	0.3	10
58	Implementation of q-calculus on q-integro-differential equation involving anti-periodic boundary conditions with three criteria. Chaos, Solitons and Fractals, 2022, 154, 111625.	5.1	10
59	On a Riemannâ€“Liouville Type Implicit Coupled System via Generalized Boundary Conditions. Mathematics, 2021, 9, 1205.	2.2	9
60	Existence Theory and Ulamâ€™s Stabilities of Fractional Langevin Equation. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	9
61	On the existence and stability of two positive solutions of a hybrid differential system of arbitrary fractional order via Averyâ€“Andersonâ€“Henderson criterion on cones. Advances in Difference Equations, 2021, 2021, .	3.5	9
62	Finite time stability for nonsingular impulsive first order delay differential systems. Applied Mathematics and Computation, 2022, 421, 126943.	2.2	9
63	Uniform exponential stability of periodic discrete switched linear system. Journal of the Franklin Institute, 2017, 354, 6247-6257.	3.4	8
64	Controllability of Impulsive Nonâ€“Linear Delay Dynamic Systems on Time Scale. IEEE Access, 2020, 8, 93830-93839.	4.2	8
65	Existence, uniqueness and Ulam's stabilities for a class of implicit impulsive Langevin equation with Hilfer fractional derivatives. AIMS Mathematics, 2021, 6, 4915-4929.	1.6	8
66	Stability Analysis of Causal Integral Evolution Impulsive Systems on Time Scales. Acta Mathematica Scientia, 2021, 41, 781-800.	1.0	8
67	Controllability and stability analysis of an oscillating system with two delays. Mathematical Methods in the Applied Sciences, 2021, 44, 14733-14765.	2.3	8
68	Existence and uniqueness of solutions for coupled systems of Liouville-Caputo type fractional integrodifferential equations with ErdÃ©lyi-Kober integral conditions. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, .	1.0	8
69	On the Bieleckiâ€“Ulamâ€™s Type Stability Results of First Order Non-linear Impulsive Delay Dynamic Systems on Time Scales. Qualitative Theory of Dynamical Systems, 2020, 19, 1.	1.7	7
70	Analysis of (Î±, Î²)-order coupled implicit Caputo fractional differential equations using topological degree method. International Journal of Nonlinear Sciences and Numerical Simulation, 2021, 22, 897-915.	1.0	7
71	An analysis on the controllability and stability to some fractional delay dynamical systems on time scales with impulsive effects. Advances in Difference Equations, 2021, 2021, .	3.5	7
72	Existence of nonoscillatory solutions to nonlinear third-order neutral dynamic equations on time scales. Journal of Nonlinear Science and Applications, 2017, 10, 4352-4363.	1.0	6

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73	Further results on Ulam stability for a system of first-order nonsingular delay differential equations. Demonstratio Mathematica, 2020, 53, 225-235.	1.5	6
74	Analysis of Q-Fractional Implicit Differential Equation with Nonlocal Riemannâ€“Liouville and ErdÃ©lyi-Kober Q-Fractional Integral Conditions. Qualitative Theory of Dynamical Systems, 2022, 21, .	1.7	6
75	On a class of separable quadratic stochastic operators. Lobachevskii Journal of Mathematics, 2011, 32, 385-394.	0.9	5
76	On Uniform Exponential Stability and Exact Admissibility of Discrete Semigroups. International Journal of Differential Equations, 2013, 2013, 1-4.	0.8	5
77	On the Exponential Stability of Discrete Semigroups. Qualitative Theory of Dynamical Systems, 2015, 14, 149-155.	1.7	5
78	Ulamâ€™s stability of multi-point implicit boundary value problems with non-instantaneous impulses. Bolletino Dell Unione Matematica Italiana, 2020, 13, 305-328.	1.0	5
79	Hyersâ€“Ulamâ€“Mittag-Leffler Stability for a System of Fractional Neutral Differential Equations. Discrete Dynamics in Nature and Society, 2020, 2020, 1-10.	0.9	5
80	Novel existence techniques on the generalized Ï†-Caputo fractional inclusion boundary problem. Advances in Difference Equations, 2021, 2021, .	3.5	5
81	On nonâ€instantaneous impulsive fractional differential equations and their equivalent integral equations. Mathematical Methods in the Applied Sciences, 2021, 44, 13979-13988.	2.3	5
82	Stability analysis of implicit fractional differential equation with antiâ€“periodic integral boundary value problem. Annales Universitatis Paedagogicae Cracoviensis: Studia Mathematica, 2020, 19, 5-25.	0.5	5
83	On a Coupled Impulsive Fractional Integrodifferential System with Hadamard Derivatives. Qualitative Theory of Dynamical Systems, 2022, 21, 1.	1.7	5
84	Existence and uniqueness of positive solutions for fractional relaxation equation in terms of Ï^-Caputo fractional derivative. International Journal of Nonlinear Sciences and Numerical Simulation, 2023, 24, 633-643.	1.0	5
85	Asymptotic Behavior of Linear and Almost Periodic Discrete Evolution Systems on Banach Space $$mathcal {AAP}_0^r(mathbb {Z}_+,mathcal {W})$$ AAP 0 r (Z + , W). Qualitative Theory of Dynamical Systems, 2016, 15, 597-605.	1.7	4
86	Ulamâ€“Hyers Stability of Caputo-Type Fractional Stochastic Differential Equations with Time Delays. Mathematical Problems in Engineering, 2021, 2021, 1-24.	1.1	4
87	Analysis of a coupled system of fractional differential equations with non-separated boundary conditions. Advances in Difference Equations, 2020, 2020, .	3.5	4
88	Uniform Exponential Stability of Discrete Evolution Families on Space of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mml:math>-Periodic Sequences. Abstract and Applied Analysis, 2014, 2014, 1-4.	0.7	3
89	On almost periodicity of solutions of second-order differential equations involving reflection of the argument. Advances in Difference Equations, 2019, 2019, .	3.5	3
90	On uniform exponential stability of linear switching system. Mathematical Methods in the Applied Sciences, 2019, 42, 717-722.	2.3	3

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91	Bieleckiâ€“Ulamâ€“Hyers stability of nonâ€“linear Volterra impulsive integroâ€“delay dynamic systems on time scales. The Punjab University Journal of Mathematics, 2021, , 339-349.	0.3	3
92	Switched coupled system of nonlinear impulsive Langevin equations involving Hilfer fractional-order derivatives. International Journal of Nonlinear Sciences and Numerical Simulation, 2023, 24, 2405-2423.	1.0	3
93	Integral Type Contraction and Coupled Coincidence Fixed Point Theorems for Two Pairs in G-metric Spaces. Hacettepe Journal of Mathematics and Statistics, 2016, 5, .	0.3	3
94	Qualitative analysis of nonlinear impulse langevin equation with helfer fractional order derivatives. AIMS Mathematics, 2022, 7, 6204-6217.	1.6	3
95	Qualitative analysis of coupled system of sequential fractional integrodifferential equations. AIMS Mathematics, 2022, 7, 8012-8034.	1.6	3
96	Analysis of Stochastic Weighted Impulsive Neutral <math xmlns="http://www.w3.org/1998/Math/MathML" id="M1"> <mi>Ï^</mi> </math>-Hilfer Integro-Fractional Differential System with Delay. Mathematical Problems in Engineering, 2022, 2022, 1-23.	1.1	3
97	Controllability of coupled fractional integrodifferential equations. International Journal of Nonlinear Sciences and Numerical Simulation, 2023, 24, 2113-2144.	1.0	3
98	Criteria for the exponential stability of linear evolution difference equations. IMA Journal of Mathematical Control and Information, 2016, , dnw017.	1.7	2
99	STABILITY ANALYSIS OF A NONLOCAL FRACTIONAL IMPULSIVE COUPLED EVOLUTION DIFFERENTIAL EQUATION. Journal of Applied Analysis and Computation, 2021, 11, 138-160.	0.5	2
100	Switched coupled system of nonlinear impulsive Langevin equations with mixed derivatives. AIMS Mathematics, 2021, 6, 13092-13118.	1.6	2
101	A fixed point approach to the stability of a nonlinear volterra integrodifferential equation with delay. Hacettepe Journal of Mathematics and Statistics, 2017, 5, .	0.3	2
102	Boundedness and exponential stability for periodic time dependent systems. Electronic Journal of Qualitative Theory of Differential Equations, 2009, , 1-9.	0.5	2
103	Uniform Exponential Stability of Discrete Semigroup and Space of Asymptotically Almost Periodic Sequences. Zeitschrift Fur Analysis Und Ihre Anwendung, 2015, 34, 477-484.	0.6	1
104	Oscillation Criteria for Nonlinear Third-Order Neutral Dynamic Equations with Damping on Time Scales. Journal of Function Spaces, 2017, 2017, 1-8.	0.9	1
105	Fixed Point and Endpoint Theories for Two Hybrid Fractional Differential Inclusions with Operators Depending on an Increasing Function. Journal of Function Spaces, 2021, 2021, 1-13.	0.9	1
106	Kallman-Rota type inequality for discrete evolution families of bounded linear operators. Fractional Differential Calculus, 2017, , 311-324.	0.5	1
107	Connections between the stability of a Poincare map and boundedness of certain associate sequences. Electronic Journal of Qualitative Theory of Differential Equations, 2011, , 1-12.	0.5	1
108	Exponential dichotomy of linear autonomous systems over time scales. Differential Equations and Applications, 2016, , 123-134.	0.4	1

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109	Existence results for the Hadamard fractional diÏ*f*erential equations and inclusions. Journal of Physics: Conference Series, 2021, 1850, 012122.	0.4	0
110	Asymptotic behavior of discrete semigroups of bounded linear operators over Banach spaces. Journal of Mathematics and Computer Science, 2017, 17, 301-307.	1.0	0
111	CONTROLLABILITY AND HYERS-ULAM STABILITY OF IMPULSIVE SECOND ORDER ABSTRACT DAMPED DIFFERENTIAL SYSTEMS. Journal of Applied Analysis and Computation, 2020, .	0.5	0
112	Stability of nonautonomous impulsive evolution system on time scale. Differential Equations and Applications, 2021, , 355-371.	0.4	0
113	On strong singular fractional version of the Sturmâ€“Liouville equation. Boundary Value Problems, 2021, 2021, .	0.7	0
114	EXISTENCE AND STABILITY ANALYSIS OF SEQUENTIAL COUPLED SYSTEM OF HADAMARD-TYPE FRACTIONAL DIFFERENTIAL EQUATIONS. Kragujevac Journal of Mathematics, 2022, 46, 85-104.	0.6	0
115	Analysis of Solutions of the Integro-Differential Equations with Generalized Liouvilleâ€“Caputo Fractional Derivative by $$ho $$-Laplace Transform. International Journal of Applied and Computational Mathematics, 2022, 8, 1.	1.6	0