

Akbar Zada

List of Publications by Year in descending order

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115
papers

1,890
citations

201674

27
h-index

315739

38
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117
all docs

117
docs citations

117
times ranked

438
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Existence and uniqueness of positive solutions for fractional relaxation equation in terms of \tilde{I}^{α} -Caputo fractional derivative. International Journal of Nonlinear Sciences and Numerical Simulation, 2023, 24, 633-643.	1.0	5
3	Controllability of coupled fractional integrodifferential equations. International Journal of Nonlinear Sciences and Numerical Simulation, 2023, 24, 2113-2144.	1.0	3
4	On a Coupled Impulsive Fractional Integrodifferential System with Hadamard Derivatives. Qualitative Theory of Dynamical Systems, 2022, 21, 1.	1.7	5
5	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
6	Qualitative analysis of nonlinear impulse langevin equation with helper fractional order derivatives. AIMS Mathematics, 2022, 7, 6204-6217.	1.6	3
7	Finite time stability for nonsingular impulsive first order delay differential systems. Applied Mathematics and Computation, 2022, 421, 126943.	2.2	9
8	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
9	Qualitative analysis of coupled system of sequential fractional integrodifferential equations. AIMS Mathematics, 2022, 7, 8012-8034.	1.6	3
10	Analysis of Stochastic Weighted Impulsive Neutral \tilde{I}^{α} -Hilfer Integro-Fractional Differential System with Delay. Mathematical Problems in Engineering, 2022, 2022, 1-23.	1.1	3
11	On the Existence and Stability of a Neutral Stochastic Fractional Differential System. Fractal and Fractional, 2022, 6, 203.	3.3	33
12	Analysis of Solutions of the Integro-Differential Equations with Generalized Liouville's Caputo Fractional Derivative by Laplace Transform. International Journal of Applied and Computational Mathematics, 2022, 8, 1.	1.6	0
13	Hyers-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
14	Analysis of Q-Fractional Implicit Differential Equation with Nonlocal Riemann-Liouville and Erdélyi-Kober Q-Fractional Integral Conditions. Qualitative Theory of Dynamical Systems, 2022, 21, .	1.7	6
15	Well-posedness and Hyers-Ulam results for a class of impulsive fractional evolution equations. Mathematical Methods in the Applied Sciences, 2021, 44, 749-771.	2.3	11
16	Analysis of q -fractional implicit boundary value problems having Stieltjes integral conditions. Mathematical Methods in the Applied Sciences, 2021, 44, 4381-4413.	2.3	21
17	STABILITY ANALYSIS OF A NONLOCAL FRACTIONAL IMPULSIVE COUPLED EVOLUTION DIFFERENTIAL EQUATION. Journal of Applied Analysis and Computation, 2021, 11, 138-160.	0.5	2
18	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

#	ARTICLE	IF	CITATIONS
19	Novel existence techniques on the generalized $\hat{\mathcal{I}}$ -Caputo fractional inclusion boundary problem. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	5
20	Existence and Stability of Implicit Fractional Differential Equations with Stieltjes Boundary Conditions Involving Hadamard Derivatives. <i>Complexity</i> , 2021, 2021, 1-36.	1.6	12
21	Existence theory and stability analysis of switched coupled system of nonlinear implicit impulsive Langevin equations with mixed derivatives. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 8963-8985.	2.3	10
22	Ulam-Hyers Stability of Caputo-Type Fractional Stochastic Differential Equations with Time Delays. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-24.	1.1	4
23	Stability Analysis of Causal Integral Evolution Impulsive Systems on Time Scales. <i>Acta Mathematica Scientia</i> , 2021, 41, 781-800.	1.0	8
24	Bielecki-Ulam-Hyers stability of non-linear Volterra impulsive integro-delay dynamic systems on time scales. <i>The Punjab University Journal of Mathematics</i> , 2021, , 339-349.	0.3	3
25	Existence results for the Hadamard fractional differential equations and inclusions. <i>Journal of Physics: Conference Series</i> , 2021, 1850, 012122.	0.4	0
26	On a Riemann-Liouville Type Implicit Coupled System via Generalized Boundary Conditions. <i>Mathematics</i> , 2021, 9, 1205.	2.2	9
27	Existence, uniqueness and stability analysis of a coupled fractional-order differential systems involving Hadamard derivatives and associated with multi-point boundary conditions. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	16
28	Existence Theory and Ulam-Hyers Stabilities of Fractional Langevin Equation. <i>Qualitative Theory of Dynamical Systems</i> , 2021, 20, 1.	1.7	9
29	On non-instantaneous impulsive fractional differential equations and their equivalent integral equations. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 13979-13988.	2.3	5
30	A fractional differential equation with multi-point strip boundary condition involving the Caputo fractional derivative and its Hyers-Ulam stability. <i>Boundary Value Problems</i> , 2021, 2021, .	0.7	20
31	Controllability and stability analysis of an oscillating system with two delays. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 14733-14765.	2.3	8
32	On the existence and stability of two positive solutions of a hybrid differential system of arbitrary fractional order via Avery-Anderson-Henderson criterion on cones. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	9
33	Fixed Point and Endpoint Theories for Two Hybrid Fractional Differential Inclusions with Operators Depending on an Increasing Function. <i>Journal of Function Spaces</i> , 2021, 2021, 1-13.	0.9	1
34	On coupled impulsive fractional integro-differential equations with Riemann-Liouville derivatives. <i>AIMS Mathematics</i> , 2021, 6, 1561-1595.	1.6	11
35	Switched coupled system of nonlinear impulsive Langevin equations with mixed derivatives. <i>AIMS Mathematics</i> , 2021, 6, 13092-13118.	1.6	2
36	Analysis of $(\langle i \rangle^{\pm} \langle /i \rangle, \langle i \rangle^2 \langle /i \rangle)$ -order coupled implicit Caputo fractional differential equations using topological degree method. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2021, 22, 897-915.	1.0	7

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37	Stability of nonautonomous impulsive evolution system on time scale. Differential Equations and Applications, 2021, , 355-371.	0.4	0
38	On strong singular fractional version of the Sturmâ€“Liouville equation. Boundary Value Problems, 2021, 2021, .	0.7	0
39	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
40	Stability Analysis of n Order Nonlinear Impulsive Differential Equations in Quasiâ€“Banach Space. Numerical Functional Analysis and Optimization, 2020, 41, 294-321.	1.4	15
41	Nonlinear impulsive Langevin equation with mixed derivatives. Mathematical Methods in the Applied Sciences, 2020, 43, 427-442.	2.3	32
42	On the Bieleckiâ€“Ulamâ€“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
43	MATHEMATICAL ANALYSIS OF COUPLED SYSTEMS WITH FRACTIONAL ORDER BOUNDARY CONDITIONS. Fractals, 2020, 28, 2040012.	3.7	13
44	Controllability of Impulsive Nonâ€“Linear Delay Dynamic Systems on Time Scale. IEEE Access, 2020, 8, 93830-93839.	4.2	8
45	Ulamâ€“Type stability of multi-point implicit boundary value problems with non-instantaneous impulses. Bolletino Dell Unione Matematica Italiana, 2020, 13, 305-328.	1.0	5
46	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
47	Existence, Uniqueness and Stability of Implicit Switched Coupled Fractional Differential Equations of Ψ -Hilfer Type. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, 21, 327-337.	1.0	19
48	Analysis of Coupled System of Implicit Fractional Differential Equations Involving Katugampolaâ€“Caputo Fractional Derivative. Complexity, 2020, 2020, 1-11.	1.6	13
49	Stability analysis of firstâ€“order impulsive nonautonomous system on timescales. Mathematical Methods in the Applied Sciences, 2020, 43, 5097-5113.	2.3	13
50	Analysis of a coupled system of fractional differential equations with non-separated boundary conditions. Advances in Difference Equations, 2020, 2020, .	3.5	4
51	Ulamâ€“Hyers stability of impulsive integrodifferential equations with Riemannâ€“Liouville boundary conditions. Advances in Difference Equations, 2020, 2020, .	3.5	43
52	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
53	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
54	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

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55	CONTROLLABILITY AND HYERS-ULAM STABILITY OF IMPULSIVE SECOND ORDER ABSTRACT DAMPED DIFFERENTIAL SYSTEMS. <i>Journal of Applied Analysis and Computation</i> , 2020, .	0.5	0
56	Further results on Ulam stability for a system of first-order nonsingular delay differential equations. <i>Demonstratio Mathematica</i> , 2020, 53, 225-235.	1.5	6
57	Stability analysis of a coupled system of nonlinear implicit fractional anti-periodic boundary value problem. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 6706-6732.	2.3	48
58	On almost periodicity of solutions of second-order differential equations involving reflection of the argument. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	3
59	Stability analysis of nonlinear implicit fractional Langevin equation with noninstantaneous impulses. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	42
60	Analysis of coupled systems of implicit impulsive fractional differential equations involving Hadamard derivatives. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	27
61	Existence and stability of impulsive coupled system of fractional integrodifferential equations. <i>Demonstratio Mathematica</i> , 2019, 52, 296-335.	1.5	37
62	Ulam's type stability of higher order nonlinear delay differential equations via integral inequality of Grönwall-Bellman-Bihari's type. <i>Applied Mathematics and Computation</i> , 2019, 350, 60-65.	2.2	57
63	Analysis of Nonlinear Coupled Systems of Impulsive Fractional Differential Equations with Hadamard Derivatives. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-20.	1.1	28
64	Investigation of Ulam Stability Results of a Coupled System of Nonlinear Implicit Fractional Differential Equations. <i>Mathematics</i> , 2019, 7, 341.	2.2	23
65	Existence, uniqueness and stability of solution to mixed integral dynamic systems with instantaneous and noninstantaneous impulses on time scales. <i>Applied Mathematics and Computation</i> , 2019, 359, 202-213.	2.2	29
66	Stability of Integral Caputo-Type Boundary Value Problem with Noninstantaneous Impulses. <i>International Journal of Applied and Computational Mathematics</i> , 2019, 5, 1.	1.6	14
67	Hyers-Ulam-Rassias Stability of Semilinear Nonautonomous Impulsive System. <i>Symmetry</i> , 2019, 11, 2312.	2.2	18
68	On implicit impulsive Langevin equation involving mixed order derivatives. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	13
69	Stability Results for a Coupled System of Impulsive Fractional Differential Equations. <i>Mathematics</i> , 2019, 7, 927.	2.2	16
70	Hyers-Ulam stability of a coupled system of fractional differential equations of Hilfer-Hadamard type. <i>Demonstratio Mathematica</i> , 2019, 52, 283-295.	1.5	50
71	Stability Analysis of the First Order Non-linear Impulsive Time Varying Delay Dynamic System on Time Scales. <i>Qualitative Theory of Dynamical Systems</i> , 2019, 18, 825-840.	1.7	45
72	Hyers-Ulam stability of impulsive integral equations. <i>Bolletino Dell Unione Matematica Italiana</i> , 2019, 12, 453-467.	1.0	21

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73	On uniform exponential stability of linear switching system. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 717-722.	2.3	3
74	Stability analysis of higher order nonlinear differential equations in L^2 -normed spaces. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 1151-1166.	2.3	36
75	On Ulam's Stability for a Coupled Systems of Nonlinear Implicit Fractional Differential Equations. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2019, 42, 2681-2699.	0.9	83
76	Stability analysis of a nonlinear coupled implicit switched singular fractional differential system with p-Laplacian. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	29
77	Synchronization of bidirectional N-coupled fractional-order chaotic systems with ring connection based on antisymmetric structure. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	42
78	Ulam stability to a toppled systems of nonlinear implicit fractional order boundary value problem. <i>Boundary Value Problems</i> , 2018, 2018, .	0.7	41
79	Stability Analysis of Multi-point Boundary Value Problem for Sequential Fractional Differential Equations with Non-instantaneous Impulses. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2018, 19, 763-774.	1.0	53
80	Analysis of Implicit Type Nonlinear Dynamical Problem of Impulsive Fractional Differential Equations. <i>Complexity</i> , 2018, 2018, 1-15.	1.6	18
81	Stability analysis of nonlinear fractional differential equations with Caputo and Riemann-Liouville derivatives. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	44
82	Ulam's-Type Stability of First-Order Impulsive Differential Equations with Variable Delay in Quasi-Banach Spaces. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2018, 19, 553-560.	1.0	43
83	Ulam stability results for the solutions of nonlinear implicit fractional order differential equations. <i>Hacetatepe Journal of Mathematics and Statistics</i> , 2018, , .	0.3	10
84	Existence and stability analysis of nonlinear sequential coupled system of Caputo fractional differential equations with integral boundary conditions. <i>Annales Universitatis Paedagogicae Cracoviensis: Studia Mathematica</i> , 2018, 17, 103-125.	0.5	13
85	Hyers-Ulam stability of nonlinear differential equations with fractional integrable impulses. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 5502-5514.	2.3	69
86	Existence and Stability Analysis of Three Point Boundary Value Problem. <i>International Journal of Applied and Computational Mathematics</i> , 2017, 3, 651-664.	1.6	17
87	Uniform exponential stability of periodic discrete switched linear system. <i>Journal of the Franklin Institute</i> , 2017, 354, 6247-6257.	3.4	8
88	Oscillation Criteria for Nonlinear Third-Order Neutral Dynamic Equations with Damping on Time Scales. <i>Journal of Function Spaces</i> , 2017, 2017, 1-8.	0.9	1
89	Connections between Hyers-Ulam stability and uniform exponential stability of 2-periodic linear nonautonomous systems. <i>Advances in Difference Equations</i> , 2017, 2017, .	3.5	28
90	Ulam-type stability for a class of implicit fractional differential equations with non-instantaneous integral impulses and boundary condition. <i>Advances in Difference Equations</i> , 2017, 2017, .	3.5	45

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91	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
92	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
93	Hyers-Ulam-Rassias stability of non-linear delay differential equations. Journal of Nonlinear Science and Applications, 2017, 10, 504-510.	1.0	18
94	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
95	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
96	Kallman-Rota type inequality for discrete evolution families of bounded linear operators. Fractional Differential Calculus, 2017, , 311-324.	0.5	1
97	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
98	On the Hyers-Ulam Stability of First-Order Impulsive Delay Differential Equations. Journal of Function Spaces, 2016, 2016, 1-6.	0.9	27
99	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
100	Criteria for the exponential stability of linear evolution difference equations. IMA Journal of Mathematical Control and Information, 2016, , dnw017.	1.7	2
101	Asymptotic Behavior of Linear and Almost Periodic Discrete Evolution Systems on Banach Space \mathbb{R}^n . Qualitative Theory of Dynamical Systems, 2016, 15, 597-605.	1.7	4
102	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
103	Hyers-Ulam stability of nth order linear differential equations. Journal of Nonlinear Science and Applications, 2016, 09, 2070-2075.	1.0	39
104	Stability of higher-order nonlinear impulsive differential equations. Journal of Nonlinear Science and Applications, 2016, 09, 4713-4721.	1.0	41
105	Exponential dichotomy of linear autonomous systems over time scales. Differential Equations and Applications, 2016, , 123-134.	0.4	1
106	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
107	Hyers-Ulam stability of non-autonomous systems in terms of boundedness of Cauchy problems. Applied Mathematics and Computation, 2015, 271, 512-518.	2.2	72
108	On the Exponential Stability of Discrete Semigroups. Qualitative Theory of Dynamical Systems, 2015, 14, 149-155.	1.7	5

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109	Uniform Exponential Stability of Discrete Evolution Families on Space of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1">\langle \text{mml:mrow}>\langle \text{mml:mi}>p\langle \text{mml:mi}>\langle \text{mml:mrow}>\langle \text{mml:math}>$ -Periodic Sequences. Abstract and Applied Analysis, 2014, 2014, 1-4.	0.7	3
110	On Uniform Exponential Stability and Exact Admissibility of Discrete Semigroups. International Journal of Differential Equations, 2013, 2013, 1-4.	0.8	5
111	On a class of separable quadratic stochastic operators. Lobachevskii Journal of Mathematics, 2011, 32, 385-394.	0.9	5
112	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
113	Linear impulsive dynamic systems on time scales. Electronic Journal of Qualitative Theory of Differential Equations, 2010, , 1-30.	0.5	17
114	On I-Volterra quadratic stochastic operators. Doklady Mathematics, 2009, 79, 32-34.	0.6	12
115	Boundedness and exponential stability for periodic time dependent systems. Electronic Journal of Qualitative Theory of Differential Equations, 2009, , 1-9.	0.5	2