

Y S Hamed

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

707
citations

14
h-index

21
g-index

109
ext. papers

983
ext. citations

2.7
avg, IF

5.33
L-index

#	Paper	IF	Citations
100	Some new Jensen, Schur and Hermite-Hadamard inequalities for log convex fuzzy interval-valued functions. <i>AIMS Mathematics</i> , 2022 , 7, 4338-4358	2.2	7
99	Some Integral Inequalities in η -Fractional Calculus and Their Applications. <i>Mathematics</i> , 2022 , 10, 344	2.3	0
98	Some new (p, q) -Dragomir-Āgarwal and Iyengar type integral inequalities and their applications. <i>AIMS Mathematics</i> , 2022 , 7, 5728-5751	2.2	0
97	On Convexity, Monotonicity and Positivity Analysis for Discrete Fractional Operators Defined Using Exponential Kernels. <i>Fractal and Fractional</i> , 2022 , 6, 55	3	11
96	Some new versions of integral inequalities for log-preinvex fuzzy-interval-valued functions through fuzzy order relation. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 7089-7101	6.1	5
95	A novel application on mutually orthogonal graph squares and graph-orthogonal arrays. <i>AIMS Mathematics</i> , 2022 , 7, 7349-7373	2.2	5
94	On the decomposition of circulant graphs using algorithmic approaches. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 8263-8263	6.1	4
93	Partially balanced network designs and graph codes generation. <i>AIMS Mathematics</i> , 2022 , 7, 2393-2412	2.2	2
92	Analysing discrete fractional operators with exponential kernel for positivity in lower boundedness. <i>AIMS Mathematics</i> , 2022 , 7, 10387-10399	2.2	0
91	New classifications of monotonicity investigation for discrete operators with Mittag-Leffler kernel.. <i>Mathematical Biosciences and Engineering</i> , 2022 , 19, 4062-4074	2.1	5
90	Positivity and monotonicity results for discrete fractional operators involving the exponential kernel.. <i>Mathematical Biosciences and Engineering</i> , 2022 , 19, 5120-5133	2.1	0
89	On some generalized Raina-type fractional-order integral operators and related Chebyshev inequalities. <i>AIMS Mathematics</i> , 2022 , 7, 10256-10275	2.2	
88	Reverse Minkowski Inequalities Pertaining to New Weighted Generalized Fractional Integral Operators. <i>Fractal and Fractional</i> , 2022 , 6, 131	3	3
87	Some New Estimates on Coordinates of Left and Right Convex Interval-Valued Functions Based on Pseudo Order Relation. <i>Symmetry</i> , 2022 , 14, 473	2.7	0
86	Some new wave profiles and conservation laws in a Pre-compressed one-dimensional granular crystal by Lie group analysis. <i>European Physical Journal Plus</i> , 2022 , 137, 1	3.1	0
85	1/3 Order Subharmonic Resonance Control of a Mass-Damper-Spring Model via Cubic-Position Negative-Velocity Feedback. <i>Symmetry</i> , 2022 , 14, 685	2.7	1
84	Einstein Aggregation Operators for Pythagorean Fuzzy Soft Sets with Their Application in Multiattribute Group Decision-Making. <i>Journal of Function Spaces</i> , 2022 , 2022, 1-21	0.8	6

83	New Fractional Integral Inequalities for Convex Functions Pertaining to Caputo-Babrizio Operator. <i>Fractal and Fractional</i> , 2022 , 6, 171	3	7
82	New Riemann-Liouville Fractional-Order Inclusions for Convex Functions via Interval-Valued Settings Associated with Pseudo-Order Relations. <i>Fractal and Fractional</i> , 2022 , 6, 212	3	2
81	New Generalized Class of Convex Functions and Some Related Integral Inequalities. <i>Symmetry</i> , 2022 , 14, 722	2.7	0
80	Solutions of General Fractional-Order Differential Equations by Using the Spectral Tau Method. <i>Fractal and Fractional</i> , 2022 , 6, 7	3	1
79	Third-Order Superharmonic Resonance Analysis and Control in a Nonlinear Dynamical System. <i>Mathematics</i> , 2022 , 10, 1282	2.3	
78	A Comparative Analysis of Fractional-Order Kaup-Biswas Equation within Different Operators. <i>Symmetry</i> , 2022 , 14, 986	2.7	13
77	Soret and Dufour effects on MHD squeezing flow of Jeffrey fluid in horizontal channel with thermal radiation.. <i>PLoS ONE</i> , 2022 , 17, e0266494	3.7	2
76	Analytical results for positivity of discrete fractional operators with approximation of the domain of solutions. <i>Mathematical Biosciences and Engineering</i> , 2022 , 19, 7272-7283	2.1	
75	Analytical and Numerical Monotonicity Analyses for Discrete Delta Fractional Operators. <i>Mathematics</i> , 2022 , 10, 1753	2.3	0
74	The Numerical Investigation of Fractional-Order Zakharov-Kuznetsov Equations. <i>Complexity</i> , 2021 , 2021, 1-13	1.6	3
73	Role of Newtonian heating on a Maxwell fluid via special functions: memory impact of local and nonlocal kernels. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	2
72	. <i>IEEE Access</i> , 2021 , 9, 153012-153026	3.5	2
71	Stability of intuitionistic fuzzy set-valued maps and solutions of integral inclusions. <i>AIMS Mathematics</i> , 2021 , 7, 315-333	2.2	4
70	Computational Analysis of Fluid Flow through a Sine-Curved Channel with High Reynolds Number. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-9	1.1	
69	Some Higher-Degree Lacunary Fractional Splines in the Approximation of Fractional Differential Equations. <i>Symmetry</i> , 2021 , 13, 422	2.7	6
68	Solving the Modified Regularized Long Wave Equations via Higher Degree B-Spline Algorithm. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-10	0.8	1
67	Midpoint Inequalities in Fractional Calculus Defined Using Positive Weighted Symmetry Function Kernels. <i>Symmetry</i> , 2021 , 13, 550	2.7	23
66	Bayesian and Frequentist Inferences on a Type I Half-Logistic Odd Weibull Generator with Applications in Engineering. <i>Entropy</i> , 2021 , 23,	2.8	3

65	New HermiteHadamard Inequalities in Fuzzy-Interval Fractional Calculus and Related Inequalities. <i>Symmetry</i> , 2021 , 13, 673	2.7	34
64	Some HermiteHadamard and Opial dynamic inequalities on time scales. <i>Journal of Inequalities and Applications</i> , 2021 , 2021,	2.1	2
63	HermiteHadamard integral inequalities on coordinated convex functions in quantum calculus. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	9
62	Fractional Weighted Ostrowski-Type Inequalities and Their Applications. <i>Symmetry</i> , 2021 , 13, 968	2.7	4
61	More efficient estimates via η -discrete fractional calculus theory and applications. <i>Chaos, Solitons and Fractals</i> , 2021 , 147, 110981	9.3	8
60	New numerical approach for time-fractional partial differential equations arising in physical system involving natural decomposition method. <i>Physica Scripta</i> , 2021 , 96, 105204	2.6	13
59	Optical Solutions of the DateJimboKashiwaraMiwa Equation via the Extended Direct Algebraic Method. <i>Journal of Mathematics</i> , 2021 , 2021, 1-18	1.2	0
58	Fractional Integral Inequalities for Exponentially Nonconvex Functions and Their Applications. <i>Fractal and Fractional</i> , 2021 , 5, 80	3	5
57	Nonlinear vibrations control of a contact-mode AFM model via a time-delayed positive position feedback. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 963-977	6.1	5
56	Tuned Positive Position Feedback Control of an Active Magnetic Bearings System With 16-Poles and Constant Stiffness. <i>IEEE Access</i> , 2021 , 9, 73857-73872	3.5	2
55	A complete classification of 5-regular circulant graphs that allow cyclic orthogonal double covers. <i>Journal of Algebraic Combinatorics</i> , 2021 , 53, 593-611	0.8	1
54	Influence of Time Delay on Controlling the Non-Linear Oscillations of a Rotating Blade. <i>Symmetry</i> , 2021 , 13, 85	2.7	2
53	Link theorem and distributions of solutions to uncertain Liouville-Caputo difference equations. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021 ,	2.8	3
52	Quantum estimates in two variable forms for Simpson-type inequalities considering generalized δ -convex functions with applications. <i>Open Physics</i> , 2021 , 19, 305-326	1.3	1
51	On the Nonlinear Vibrations and Stability Analysis of a Plate-Cavity System With a Nonlinear Restoring Force. <i>IEEE Access</i> , 2021 , 9, 20423-20439	3.5	2
50	Rotor Active Magnetic Bearings System Control via a Tuned Nonlinear Saturation Oscillator. <i>IEEE Access</i> , 2021 , 1-1	3.5	2
49	Efficient computations for weighted generalized proportional fractional operators with respect to a monotone function. <i>AIMS Mathematics</i> , 2021 , 6, 8001-8029	2.2	10
48	Diverse novel analytical and semi-analytical wave solutions of the generalized (2+1)-dimensional shallow water waves model. <i>AIP Advances</i> , 2021 , 11, 015223	1.5	31

47	Response Analysis and Controlling the Nonlinear Vibration of Van Der-Pol Duffing Oscillator Connected to the NIPPF Controller. <i>IEEE Access</i> , 2021 , 9, 91836-91849	3.5	
46	Study of (Ag and TiO ₂)/water nanoparticles shape effect on heat transfer and hybrid nanofluid flow toward stretching shrinking horizontal cylinder. <i>Results in Physics</i> , 2021 , 21, 103812	3.7	22
45	A New Family of Continuous Probability Distributions. <i>Entropy</i> , 2021 , 23,	2.8	10
44	Second-Order Non-Canonical Neutral Differential Equations with Mixed Type: Oscillatory Behavior. <i>Symmetry</i> , 2021 , 13, 318	2.7	
43	Numerical Investigation of Fractional-Order Swift-Hohenberg Equations via a Novel Transform. <i>Symmetry</i> , 2021 , 13, 1263	2.7	44
42	Dynamics, circuit implementation and control of new caputo fractional order chaotic 5-dimensions hyperjerk model. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 4177-4190	6.1	6
41	Jafari Transformation for Solving a System of Ordinary Differential Equations with Medical Application. <i>Fractal and Fractional</i> , 2021 , 5, 130	3	2
40	Existence and uniqueness of a class of uncertain Liouville-Caputo fractional difference equations. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101497	3.6	7
39	Exact solutions involving special functions for unsteady convective flow of magnetohydrodynamic second grade fluid with ramped conditions. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	13
38	Novel aspects of discrete dynamical type inequalities within fractional operators having generalized η -discrete Mittag-Leffler kernels and application. <i>Chaos, Solitons and Fractals</i> , 2021 , 151, 111204	9.3	9
37	On more general inequalities for weighted generalized proportional Hadamard fractional integral operator with applications. <i>AIMS Mathematics</i> , 2021 , 6, 9154-9176	2.2	3
36	On modified convex interval valued functions and related inclusions via the interval valued generalized fractional integrals in extended interval space. <i>AIMS Mathematics</i> , 2021 , 6, 4638-4663	2.2	2
35	A Comprehensive Mathematical Model for SARS-CoV-2 in Caputo Derivative. <i>Fractal and Fractional</i> , 2021 , 5, 271	3	6
34	Utilizing Macro Fiber Composite to Control Rotating Blade Vibrations. <i>Symmetry</i> , 2020 , 12, 1984	2.7	4
33	Computational simulation for the (1 + 1)-dimensional Ito equation arising quantum mechanics and nonlinear optics. <i>Results in Physics</i> , 2020 , 19, 103572	3.7	9
32	Vibration Performance, Stability and Energy Transfer of Wind Turbine Tower Via Pd Controller. <i>Computers, Materials and Continua</i> , 2020 , 64, 871-886	3.9	2
31	Nonlinear Structural Control Analysis of an Offshore Wind Turbine Tower System. <i>Processes</i> , 2020 , 8, 22	2.9	7
30	Nonlinear Vibrations Analysis and Dynamic Responses of a Vertical Conveyor System Controlled by a Proportional Derivative Controller. <i>IEEE Access</i> , 2020 , 8, 119082-119093	3.5	6

29	Analysis of Optical Solitons for Nonlinear Schrödinger Equation with Detuning Term by Iterative Transform Method. <i>Symmetry</i> , 2020 , 12, 1850	2.7	15
28	On rigorous computational and numerical solutions for the voltages of the electrified transmission range with the day yet distance. <i>Numerical Methods for Partial Differential Equations</i> , 2020 ,	2.5	2
27	Nonlinear modified positive position feedback control of cantilever beam system carrying an intermediate lumped mass. <i>AEJ - Alexandria Engineering Journal</i> , 2020 , 59, 3847-3862	6.1	8
26	A Proportional Derivative (PD) Controller for Suppression the Vibrations of a Contact-Mode AFM Model. <i>IEEE Access</i> , 2020 , 8, 214061-214070	3.5	3
25	Utilizing Nonlinear Active Vibration Control to Quench the Nonlinear Vibrations of Helicopter Blade Flapping System. <i>IEEE Access</i> , 2020 , 8, 203003-203016	3.5	1
24	Determination of Number of Infected Cells and Concentration of Viral Particles in Plasma during HIV-1 Infections Using Shehu Transformation. <i>Journal of Mathematics</i> , 2020 , 2020, 1-13	1.2	2
23	Performance investigation of organic Rankine-vapor compression refrigeration integrated system activated by renewable energy. <i>Mechanics and Industry</i> , 2019 , 20, 206	0.8	2
22	Active vibration suppression of a nonlinear electromechanical oscillator system with simultaneous resonance. <i>Journal of Vibroengineering</i> , 2018 , 20, 42-61	0.5	6
21	Nonlinear vibration behavior and resonance of a Cartesian manipulator system carrying an intermediate end effector. <i>Nonlinear Dynamics</i> , 2018 , 91, 1429-1442	5	12
20	Solving the convection-diffusion equation by means of the optimal q-homotopy analysis method (Oq-HAM). <i>Results in Physics</i> , 2016 , 6, 20-25	3.7	21
19	On controlling the vibrations and energy transfer in MEMS gyroscope system with simultaneous resonance. <i>Nonlinear Dynamics</i> , 2016 , 83, 1687-1704	5	23
18	Analytical Approximate Solution For Nonlinear Time-Space Fractional Fornberg-Whitham Equation By Fractional Complex Transform. <i>Communications in Numerical Analysis</i> , 2015 , 2015, 115-124	0	3
17	Nonlinear saturation controller for vibration supersession of a nonlinear composite beam. <i>Journal of Mechanical Science and Technology</i> , 2014 , 28, 2987-3002	1.6	15
16	Vibration suppression in ultrasonic machining described by non-linear differential equations via passive controller. <i>Applied Mathematics and Computation</i> , 2013 , 219, 4692-4701	2.7	3
15	Study of Stability and Vibration Reduction in Multi-Tool Ultrasonic Machining under Simultaneous Primary and Internal Resonance. <i>Applied Mathematics</i> , 2012 , 03, 1-11	0.4	2
14	Non-Linear Analysis of Vibrations of Non-Linear System Subjected to Multi-Excitation Forces via a Non-Linear Absorber. <i>Applied Mathematics</i> , 2012 , 03, 64-72	0.4	2
13	Stability and response of a nonlinear coupled pitch-roll ship model under parametric and harmonic excitations. <i>Nonlinear Dynamics</i> , 2011 , 64, 207-220	5	45
12	Nonlinear study of the dynamic behavior of a string-beam coupled system under combined excitations. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2011 , 27, 1034-1051	2	20

11	Vibration and stability of an aircraft tail under simultaneous primary-combined and internal resonance. <i>Theoretical and Applied Mechanics Letters</i> , 2011 , 1, 043001	1.8	
10	The Improved $(\frac{G}{G})$ -Expansion Method for Solving $((3+1))$ -Dimensional Potential- YTSF Equation. <i>Journal of Modern Methods in Numerical Mathematics</i> , 2011 , 2, 32	0	17
9	An Innovative Solutions for the Generalized FitzHugh-Nagumo Equation by Using the Generalized $(\frac{G}{G})$ -Expansion Method. <i>Applied Mathematics</i> , 2011 , 02, 470-474	0.4	5
8	Nonlinear analysis of an elastic cable under harmonic excitation. <i>Acta Mechanica</i> , 2010 , 214, 315-325	2.1	25
7	Vibration suppression in multi-tool ultrasonic machining to multi-external and parametric excitations. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2009 , 25, 403-415	2	13
6	Vibration suppression in ultrasonic machining described by non-linear differential equations. <i>Journal of Mechanical Science and Technology</i> , 2009 , 23, 2038-2050	1.6	14
5	Vibration reduction in ultrasonic machine to external and tuned excitation forces. <i>Applied Mathematical Modelling</i> , 2009 , 33, 2853-2863	4.5	14
4	Saturation, stability and resonance of non-linear systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005 , 356, 341-358	3.3	22
3	Hydrodynamics and sensitivity analysis of calendaring process of a viscoelastic material. <i>Archive of Applied Mechanics</i> , 1	2.2	
2	On positivity and monotonicity analysis for discrete fractional operators with discrete Mittag-Leffler kernel. <i>Mathematical Methods in the Applied Sciences</i> ,	2.3	4
1	Role of bioconvection, porous medium, and activation energy on the dynamic of Sisko nanofluid: the case of an enlarging cylinder. <i>Waves in Random and Complex Media</i> , 1-14	1.9	