

# Pshtiwan Mohammed

## 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.

90  
papers

1,066  
citations

18  
h-index

26  
g-index

100  
ext. papers

1,412  
ext. citations

2.4  
avg, IF

6.42  
L-index

#	Paper	IF	Citations
90	Some new Jensen, Schur and Hermite-Hadamard inequalities for log convex fuzzy interval-valued functions. <i>AIMS Mathematics</i> , <b>2022</b> , 7, 4338-4358	2.2	7
89	Some Integral Inequalities in $\eta$ -Fractional Calculus and Their Applications. <i>Mathematics</i> , <b>2022</b> , 10, 344	2.3	0
88	On Convexity, Monotonicity and Positivity Analysis for Discrete Fractional Operators Defined Using Exponential Kernels. <i>Fractal and Fractional</i> , <b>2022</b> , 6, 55	3	11
87	Hermite-Hadamard Type Inequalities for Interval-Valued Preinvex Functions via Fractional Integral Operators. <i>International Journal of Computational Intelligence Systems</i> , <b>2022</b> , 15, 1	3.4	6
86	Some new versions of integral inequalities for log-preinvex fuzzy-interval-valued functions through fuzzy order relation. <i>AEJ - Alexandria Engineering Journal</i> , <b>2022</b> , 61, 7089-7101	6.1	5
85	Fuzzy-interval inequalities for generalized preinvex fuzzy interval valued functions.. <i>Mathematical Biosciences and Engineering</i> , <b>2022</b> , 19, 812-835	2.1	6
84	Analysing discrete fractional operators with exponential kernel for positivity in lower boundedness. <i>AIMS Mathematics</i> , <b>2022</b> , 7, 10387-10399	2.2	0
83	New classifications of monotonicity investigation for discrete operators with Mittag-Leffler kernel.. <i>Mathematical Biosciences and Engineering</i> , <b>2022</b> , 19, 4062-4074	2.1	5
82	Positivity and monotonicity results for discrete fractional operators involving the exponential kernel.. <i>Mathematical Biosciences and Engineering</i> , <b>2022</b> , 19, 5120-5133	2.1	0
81	Reverse Minkowski Inequalities Pertaining to New Weighted Generalized Fractional Integral Operators. <i>Fractal and Fractional</i> , <b>2022</b> , 6, 131	3	3
80	Some New Estimates on Coordinates of Left and Right Convex Interval-Valued Functions Based on Pseudo Order Relation. <i>Symmetry</i> , <b>2022</b> , 14, 473	2.7	0
79	New Fractional Integral Inequalities for Convex Functions Pertaining to Caputo-Abrazio Operator. <i>Fractal and Fractional</i> , <b>2022</b> , 6, 171	3	7
78	New Riemann-Liouville Fractional-Order Inclusions for Convex Functions via Interval-Valued Settings Associated with Pseudo-Order Relations. <i>Fractal and Fractional</i> , <b>2022</b> , 6, 212	3	2
77	New Generalized Class of Convex Functions and Some Related Integral Inequalities. <i>Symmetry</i> , <b>2022</b> , 14, 722	2.7	0
76	Solutions of General Fractional-Order Differential Equations by Using the Spectral Tau Method. <i>Fractal and Fractional</i> , <b>2022</b> , 6, 7	3	1
75	Hadamard-Mercer, Dragomir-Agarwal-Mercer, and Pachpatte-Mercer Type Fractional Inclusions for Convex Functions with an Exponential Kernel and Their Applications. <i>Symmetry</i> , <b>2022</b> , 14, 836	2.7	3
74	Riemann-Liouville Fractional Integral Inequalities for Generalized Harmonically Convex Fuzzy-Interval-Valued Functions. <i>International Journal of Computational Intelligence Systems</i> , <b>2022</b> , 15, 1	3.4	

73	Analytical results for positivity of discrete fractional operators with approximation of the domain of solutions. <i>Mathematical Biosciences and Engineering</i> , <b>2022</b> , 19, 7272-7283	2.1	
72	Analytical and Numerical Monotonicity Analyses for Discrete Delta Fractional Operators. <i>Mathematics</i> , <b>2022</b> , 10, 1753	2.3	0
71	Non-Conformable Fractional Laplace Transform. <i>Kragujevac Journal of Mathematics</i> , <b>2022</b> , 46, 341-354	0.7	13
70	Some Integral Inequalities for Generalized Convex Fuzzy-Interval-Valued Functions via Fuzzy Riemann Integrals. <i>International Journal of Computational Intelligence Systems</i> , <b>2021</b> , 14,	3.4	9
69	Integral Inequalities for Generalized Harmonically Convex Functions in Fuzzy-Interval-Valued Settings. <i>Symmetry</i> , <b>2021</b> , 13, 2352	2.7	9
68	Fuzzy Mixed Variational-like and Integral Inequalities for Strongly Preinvex Fuzzy Mappings. <i>Symmetry</i> , <b>2021</b> , 13, 1816	2.7	7
67	Certain Inequalities Pertaining to Some New Generalized Fractional Integral Operators. <i>Fractal and Fractional</i> , <b>2021</b> , 5, 160	3	11
66	Fuzzy-interval inequalities for generalized convex fuzzy-interval-valued functions via fuzzy Riemann integrals. <i>AIMS Mathematics</i> , <b>2021</b> , 7, 1507-1535	2.2	7
65	Some Higher-Degree Lacunary Fractional Splines in the Approximation of Fractional Differential Equations. <i>Symmetry</i> , <b>2021</b> , 13, 422	2.7	6
64	Solving the Modified Regularized Long Wave Equations via Higher Degree B-Spline Algorithm. <i>Journal of Function Spaces</i> , <b>2021</b> , 2021, 1-10	0.8	1
63	Midpoint Inequalities in Fractional Calculus Defined Using Positive Weighted Symmetry Function Kernels. <i>Symmetry</i> , <b>2021</b> , 13, 550	2.7	23
62	Difference monotonicity analysis on discrete fractional operators with discrete generalized Mittag-Leffler kernels. <i>Advances in Difference Equations</i> , <b>2021</b> , 2021,	3.6	9
61	New HermiteHadamard Inequalities in Fuzzy-Interval Fractional Calculus and Related Inequalities. <i>Symmetry</i> , <b>2021</b> , 13, 673	2.7	34
60	Adomian Decomposition and Fractional Power Series Solution of a Class of Nonlinear Fractional Differential Equations. <i>Mathematics</i> , <b>2021</b> , 9, 1070	2.3	9
59	Some HermiteHadamard and Opial dynamic inequalities on time scales. <i>Journal of Inequalities and Applications</i> , <b>2021</b> , 2021,	2.1	2
58	HermiteHadamard integral inequalities on coordinated convex functions in quantum calculus. <i>Advances in Difference Equations</i> , <b>2021</b> , 2021,	3.6	9
57	Fractional Weighted Ostrowski-Type Inequalities and Their Applications. <i>Symmetry</i> , <b>2021</b> , 13, 968	2.7	4
56	On Iterative Methods for Solving Nonlinear Equations in Quantum Calculus. <i>Fractal and Fractional</i> , <b>2021</b> , 5, 60	3	6

55	On Riemann-Liouville and Caputo Fractional Forward Difference Monotonicity Analysis. <i>Mathematics</i> , <b>2021</b> , 9, 1303	2.3	15
54	Fractional Integral Inequalities for Exponentially Nonconvex Functions and Their Applications. <i>Fractal and Fractional</i> , <b>2021</b> , 5, 80	3	5
53	Some New Fractional Estimates of Inequalities for LR-p-Convex Interval-Valued Functions by Means of Pseudo Order Relation. <i>Axioms</i> , <b>2021</b> , 10, 175	1.6	20
52	Hermite-Hadamard inequalities for Riemann-Liouville fractional integrals of a convex function with respect to a monotone function. <i>Mathematical Methods in the Applied Sciences</i> , <b>2021</b> , 44, 2314-2324	2.3	35
51	Hermite-Hadamard inequalities in fractional calculus defined using Mittag-Leffler kernels. <i>Mathematical Methods in the Applied Sciences</i> , <b>2021</b> , 44, 8414-8431	2.3	47
50	On inequalities of Hermite-Hadamard-Mercer type involving Riemann-Liouville fractional integrals. <i>AIMS Mathematics</i> , <b>2021</b> , 6, 712-725	2.2	6
49	New generalized Riemann-Liouville fractional integral inequalities for convex functions. <i>Journal of Mathematical Inequalities</i> , <b>2021</b> , 511-519	2.6	7
48	Link theorem and distributions of solutions to uncertain Liouville-Caputo difference equations. <i>Discrete and Continuous Dynamical Systems - Series S</i> , <b>2021</b> ,	2.8	3
47	General Raina fractional integral inequalities on coordinates of convex functions. <i>Advances in Difference Equations</i> , <b>2021</b> , 2021,	3.6	10
46	Fuzzy integral inequalities on coordinates of convex fuzzy interval-valued functions. <i>Mathematical Biosciences and Engineering</i> , <b>2021</b> , 18, 6552-6580	2.1	21
45	Harmonically Convex Fuzzy-Interval-Valued Functions and Fuzzy-Interval Riemann-Liouville Fractional Integral Inequalities. <i>International Journal of Computational Intelligence Systems</i> , <b>2021</b> , 14, 1809	3.4	24
44	New fuzzy-interval inequalities in fuzzy-interval fractional calculus by means of fuzzy order relation. <i>AIMS Mathematics</i> , <b>2021</b> , 6, 10964-10988	2.2	20
43	New discrete inequalities of Hermite-Hadamard type for convex functions. <i>Advances in Difference Equations</i> , <b>2021</b> , 2021,	3.6	17
42	Numerical computations and theoretical investigations of a dynamical system with fractional order derivative. <i>AEJ - Alexandria Engineering Journal</i> , <b>2021</b> , 61, 1982-1982	6.1	1
41	On Discrete Delta Caputo-Fabrizio Fractional Operators and Monotonicity Analysis. <i>Fractal and Fractional</i> , <b>2021</b> , 5, 116	3	11
40	Discrete Prabhakar fractional difference and sum operators. <i>Chaos, Solitons and Fractals</i> , <b>2021</b> , 150, 111182	3.2	1
39	Existence and uniqueness of a class of uncertain Liouville-Caputo fractional difference equations. <i>Journal of King Saud University - Science</i> , <b>2021</b> , 33, 101497	3.6	7
38	New Chebyshev type inequalities via a general family of fractional integral operators with a modified Mittag-Leffler kernel. <i>AIMS Mathematics</i> , <b>2021</b> , 6, 11167-11186	2.2	9

37	On modified convex interval valued functions and related inclusions via the interval valued generalized fractional integrals in extended interval space. <i>AIMS Mathematics</i> , <b>2021</b> , 6, 4638-4663	2.2	2
36	Discrete generalized fractional operators defined using h-discrete Mittag-Leffler kernels and applications to AB fractional difference systems. <i>Mathematical Methods in the Applied Sciences</i> , <b>2020</b> ,	2.3	11
35	A New Version of the Hermite-Hadamard Inequality for Riemann-Liouville Fractional Integrals. <i>Symmetry</i> , <b>2020</b> , 12, 610	2.7	42
34	Inequalities of trapezoidal type involving generalized fractional integrals. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 2975-2984	6.1	17
33	On generalized fractional integral inequalities for twice differentiable convex functions. <i>Journal of Computational and Applied Mathematics</i> , <b>2020</b> , 372, 112740	2.4	40
32	On the Generalized Hermite-Hadamard Inequalities via the Tempered Fractional Integrals. <i>Symmetry</i> , <b>2020</b> , 12, 595	2.7	45
31	Inequalities for Estimations of Integrals Related to Higher-Order Strongly n -Polynomial Preinvex Functions. <i>Journal of Mathematics</i> , <b>2020</b> , 2020, 1-12	1.2	1
30	Opial integral inequalities for generalized fractional operators with nonsingular kernel. <i>Journal of Inequalities and Applications</i> , <b>2020</b> , 2020,	2.1	13
29	New fractional inequalities of Hermite-Hadamard type involving the incomplete gamma functions. <i>Journal of Inequalities and Applications</i> , <b>2020</b> , 2020,	2.1	13
28	Integral inequalities for a fractional operator of a function with respect to another function with nonsingular kernel. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	27
27	Some modifications in conformable fractional integral inequalities. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	13
26	Modification of certain fractional integral inequalities for convex functions. <i>Advances in Difference Equations</i> , <b>2020</b> , 2020,	3.6	34
25	Generalized fractional integral inequalities of Hermite-Hadamard-type for a convex function. <i>Open Mathematics</i> , <b>2020</b> , 18, 794-806	0.8	33
24	Some Generalizations of Opial Type Inequalities,. <i>Applied Mathematics and Information Sciences</i> , <b>2020</b> , 14, 809-816	2.4	5
23	A Correlation Between Solutions of Uncertain Fractional Forward Difference Equations and Their Paths. <i>Frontiers in Physics</i> , <b>2020</b> , 8,	3.9	10
22	Integral inequalities of Hermite-Hadamard type for quasi-convex functions with applications. <i>AIMS Mathematics</i> , <b>2020</b> , 5, 7316-7331	2.2	7
21	Solution of Singular Integral Equations via Riemann-Liouville Fractional Integrals. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-8	1.1	9
20	Existence and Uniqueness of Uncertain Fractional Backward Difference Equations of Riemann-Liouville Type. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-8	1.1	14

19	New Simpson Type Integral Inequalities for $s$ -Convex Functions and Their Applications. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-12	1.1	5
18	Simpson's Integral Inequalities for Twice Differentiable Convex Functions. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-15	1.1	15
17	Fractional Hermite-Hadamard-Fejér Inequalities for a Convex Function with Respect to an Increasing Function Involving a Positive Weighted Symmetric Function. <i>Symmetry</i> , <b>2020</b> , 12, 1503	2.7	16
16	New Modified Conformable Fractional Integral Inequalities of Hermite-Hadamard Type with Applications. <i>Journal of Function Spaces</i> , <b>2020</b> , 2020, 1-14	0.8	14
15	Fractional Hermite-Hadamard Integral Inequalities for a New Class of Convex Functions. <i>Symmetry</i> , <b>2020</b> , 12, 1485	2.7	22
14	Some weighted Simpson type inequalities for differentiable $s$ -convex functions and their applications <b>2020</b> , 1, 75-94		12
13	On a new type of fractional difference operators on $h$ -step isolated time scales <b>2020</b> , 1, 46-74		8
12	Generalized fractional integral inequalities of Hermite-Hadamard type for $\{(\alpha, m)\}$ -convex functions. <i>Journal of Inequalities and Applications</i> , <b>2019</b> , 2019,	2.1	26
11	New integral inequalities for preinvex functions via generalized beta function. <i>Journal of Interdisciplinary Mathematics</i> , <b>2019</b> , 22, 539-549	1.2	15
10	New Conformable Fractional Integral Inequalities of Hermite-Hadamard Type for Convex Functions. <i>Symmetry</i> , <b>2019</b> , 11, 263	2.7	16
9	A Generalized Uncertain Fractional Forward Difference Equations of Riemann-Liouville Type. <i>Journal of Mathematics Research</i> , <b>2019</b> , 11, 43	2.1	11
8	Some new Hermite-Hadamard type inequalities for $MT$ -convex functions on differentiable coordinates. <i>Journal of King Saud University - Science</i> , <b>2018</b> , 30, 258-262	3.6	28
7	On New Trapezoid Type Inequalities for $h$ -convex Functions via Generalized Fractional Integral. <i>Turkish Journal of Analysis and Number Theory</i> , <b>2018</b> , 6, 125-128	1	15
6	Hermite-Hadamard type inequalities for $\eta$ -convex function involving fractional integrals. <i>Journal of Inequalities and Applications</i> , <b>2018</b> , 2018, 359	2.1	29
5	Computational Non-Polynomial Spline Function for Solving Fractional Bagely-Torvik Equatio. <i>Mathematical Sciences Letters</i> , <b>2017</b> , 6, 83-87	4	3
4	Computational Method for Fractional Differential Equations Using Nonpolynomial Fractional Spline. <i>Mathematical Sciences Letters</i> , <b>2016</b> , 5, 131-136	4	5
3	Twelfth degree spline with application to quadrature. <i>SpringerPlus</i> , <b>2016</b> , 5, 2096		0
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 Hermite-Hadamard-type Inequalities for Conformable Integrals1-12

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