

M U Awan

List of Publications by Year in descending order

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113
papers

1,429
citations

361296

20
h-index

377752

34
g-index

113
all docs

113
docs citations

113
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	Some quantum estimates for Hermite-Hadamard inequalities. Applied Mathematics and Computation, 2015, 251, 675-679.	1.4	135
2	Some quantum integral inequalities via preinvex functions. Applied Mathematics and Computation, 2015, 269, 242-251.	1.4	105
3	Hermite-Hadamard Inequalities for Exponentially Convex Functions. Applied Mathematics and Information Sciences, 2018, 12, 405-409.	0.7	80
4	On hermite-hadamard inequalities for h-preinvex functions. Filomat, 2014, 28, 1463-1474.	0.2	73
5	Some New Refinements of Hermite-Hadamard-Type Inequalities Involving \tilde{I}_k -Riemann-Liouville Fractional Integrals and Applications. Mathematical Problems in Engineering, 2020, 2020, 1-10.	0.6	57
6	Quantum Ostrowski inequalities for q-differentiable convex functions. Journal of Mathematical Inequalities, 2016, , 1013-1018.	0.5	57
7	New Hermite-Hadamard type inequalities for n-polynomial harmonically convex functions. Journal of Inequalities and Applications, 2020, 2020, .	0.5	53
8	Some k -fractional extensions of the trapezium inequalities through generalized relative semi- (m, h) -preinvexity. Applicable Analysis, 2021, 100, 642-662.	0.6	51
9	Fractional Hermite-Hadamard Inequalities for some New Classes of Godunova-Levin Functions. Applied Mathematics and Information Sciences, 2014, 8, 2865-2872.	0.7	40
10	Bounds of the second degree cumulative frontier gaps of functions with generalized convexity. Carpathian Journal of Mathematics, 2015, 31, 173-180.	0.4	40
11	On strongly generalized convex functions. Filomat, 2017, 31, 5783-5790.	0.2	34
12	Some integral inequalities for harmonic h-convex functions involving hypergeometric functions. Applied Mathematics and Computation, 2015, 252, 257-262.	1.4	33
13	New post quantum analogues of Ostrowski-type inequalities using new definitions of left-right (p, q) -derivatives and definite integrals. Advances in Difference Equations, 2020, 2020, .	3.5	29
14	Some Hermite-Hadamard type inequalities for log-h-convex functions. Analysis (Germany), 2013, 33, .	0.2	28
15	Generalized Convexity and Integral Inequalities. Applied Mathematics and Information Sciences, 2015, 9, 233-243.	0.7	28
16	Integral inequalities for coordinated Harmonically convex functions. Complex Variables and Elliptic Equations, 2015, 60, 776-786.	0.4	27
17	2 -approximately reciprocal \tilde{I}_k -convex functions and associated integral inequalities. AIMS Mathematics, 2020, 5, 4662-4680.	0.7	27
18	Generalized fractional Hermite-Hadamard inequalities for twice differentiable s-convex functions. Filomat, 2015, 29, 807-815.	0.2	26

#	ARTICLE	IF	CITATIONS
19	On some inequalities for relative semi-convex functions. Journal of Inequalities and Applications, 2013, 2013, .	0.5	24
20	Local fractional Newton's inequalities involving generalized harmonic convex functions. Advances in Difference Equations, 2020, 2020, .	3.5	22
21	Quantum Integral Inequalities of Simpson-Type for Strongly Preinvex Functions. Mathematics, 2019, 7, 751.	1.1	20
22	Properties and Riemann-Liouville fractional Hermite-Hadamard inequalities for the generalized $(\hat{\eta}, m)$ (α, m) -preinvex functions. Journal of Inequalities and Applications, 2016, 2016, .	0.5	18
23	Geometrically Relative Convex Functions. Applied Mathematics and Information Sciences, 2014, 8, 607-616.	0.7	17
24	New Quantum Hermite-Hadamard Inequalities Utilizing Harmonic Convexity of the Functions. IEEE Access, 2019, 7, 20479-20483.	2.6	16
25	Some new classes of convex functions and inequalities. Miskolc Mathematical Notes, 2018, 19, 77.	0.3	16
26	Hermite-Hadamard inequalities for relative semi-convex functions and applications. Filomat, 2014, 28, 221-230.	0.2	15
27	Inequalities via harmonic convex functions: conformable fractional calculus approach. Journal of Mathematical Inequalities, 2018, , 143-153.	0.5	15
28	Fractional Hermite-Hadamard inequalities for differentiable s-Godunova-Levin functions. Filomat, 2016, 30, 3235-3241.	0.2	14
29	Estimates of upper bound for a kth order differentiable functions involving Riemann-Liouville integrals via higher order strongly h-preinvex functions. Journal of Inequalities and Applications, 2019, 2019, .	0.5	13
30	Simpson-Type Inequalities for Geometrically Relative Convex Functions. Ukrainian Mathematical Journal, 2018, 70, 1145-1154.	0.1	12
31	New refinements of fractional Hermite-Hadamard inequality. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 21-29.	0.6	11
32	Generalizations of Hermite-Hadamard like inequalities involving χ_{κ} -Hilfer fractional integrals. Advances in Difference Equations, 2020, 2020, .	3.5	11
33	Hermite-Hadamard type inequalities with applications. Miskolc Mathematical Notes, 2020, 21, 593.	0.3	11
34	Non-stringent tissue-source requirements for BMP ligand expression in regulation of body size in <i>Caenorhabditis elegans</i> . Genetical Research, 2011, 93, 427-432.	0.3	10
35	Fractional Hermite-Hadamard inequalities for convex functions and applications. Tbilisi Mathematical Journal, 2015, 8, .	0.3	10
36	Estimates of quantum bounds pertaining to new q-integral identity with applications. Advances in Difference Equations, 2020, 2020, .	3.5	10

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37	Some New (p_1, p_2, q_1, q_2) -Estimates of Ostrowski-type integral inequalities via n -polynomials s - t -type convexity. AIMS Mathematics, 2020, 5, 7122-7144.	0.7	10
38	On a new class of convex functions and integral inequalities. Journal of Inequalities and Applications, 2019, 2019, .	0.5	9
39	Some Trapezium-Like Inequalities Involving Functions Having Strongly n -Polynomial Preinvexity Property of Higher Order. Journal of Function Spaces, 2020, 2020, 1-9.	0.4	9
40	Bounds for the Remainder in Simpson's Inequality via n -Polynomial Convex Functions of Higher Order Using Katugampola Fractional Integrals. Journal of Mathematics, 2020, 2020, 1-10.	0.5	9
41	Fractal Integral Inequalities for Harmonic Convex Functions. Applied Mathematics and Information Sciences, 2018, 12, 831-839.	0.7	9
42	Conformable fractional Hermite-Hadamard inequalities via preinvex functions. Tbilisi Mathematical Journal, 2017, 10, .	0.3	8
43	Hermite-Hadamard inequalities and their applications. Journal of Inequalities and Applications, 2018, 2018, 309.	0.5	8
44	On approximately harmonic h -convex functions depending on a given function. Filomat, 2019, 33, 3783-3793.	0.2	8
45	Generalized fractional Hermite-Hadamard inequalities. Miskolc Mathematical Notes, 2020, 21, 1001.	0.3	8
46	Some new generalized κ -fractional Hermite-Hadamard-Mercer type integral inequalities and their applications. AIMS Mathematics, 2021, 7, 3203-3220.	0.7	8
47	On bounds involving k -Appell's hypergeometric functions. Journal of Inequalities and Applications, 2017, 2017, 118.	0.5	7
48	On post quantum integral inequalities. Journal of Mathematical Inequalities, 2021, , 629-654.	0.5	7
49	Integral inequalities for two-dimensional pq -convex functions. Filomat, 2016, 30, 343-351.	0.2	7
50	Hermite-Hadamard inequalities for differentiable p -convex functions using hypergeometric functions. Publications De L'Institut Mathematique, 2016, 100, 251-257.	0.3	7
51	Bounds having Riemann type quantum integrals via strongly convex functions. Studia Scientiarum Mathematicarum Hungarica, 2017, 54, 221-240.	0.1	6
52	Some integral inequalities for p -convex functions. Filomat, 2016, 30, 2435-2444.	0.2	6
53	Integral inequalities of Hermite-Hadamard type for logarithmically h -preinvex functions. Cogent Mathematics, 2015, 2, 1035856.	0.4	5
54	Simpson type inequalities and applications. Journal of Analysis, 2021, 29, 1403-1419.	0.3	5

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55	Ostrowski Type Inequalities Involving Harmonically Convex Functions and Applications. <i>Symmetry</i> , 2021, 13, 201.	1.1	5
56	A Quantum Calculus View of Hermiteâ€“Hadamardâ€“Jensenâ€“Mercer Inequalities with Applications. <i>Symmetry</i> , 2022, 14, 1246.	1.1	5
57	Hermiteâ€“Hadamard type inequalities for differentiable h_{φ} -preinvex functions. <i>Arabian Journal of Mathematics</i> , 2015, 4, 63-76.	0.4	4
58	Trapezoidal like inequalities via harmonic h-convex functions on the co-ordinates in a rectangle from the plane. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2017, 111, 765-779.	0.6	4
59	Estimates of Upper Bound for a Function Associated with Riemann-Liouville Fractional Integral via h-Convex Functions. <i>Journal of Function Spaces</i> , 2019, 2019, 1-7.	0.4	4
60	Two dimensional extensions of Hermiteâ€“Hadamardâ€“TM's inequalities via preinvex functions. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 541-555.	0.6	4
61	Some Newtonâ€“TM's like inequalities with applications. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2020, 114, 1.	0.6	4
62	On post quantum estimates of upper bounds involving twice (p,q) -differentiable preinvex function. <i>Journal of Inequalities and Applications</i> , 2020, 2020, .	0.5	4
63	A new q-integral identity and estimation of its bounds involving generalized exponentially $\hat{1}/4$ -preinvex functions. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	4
64	Two point trapezoidal like inequalities involving hypergeometric functions. <i>Filomat</i> , 2017, 31, 2281-2292.	0.2	4
65	Estimation-type results with respect to the parameterized $(\langle i \rangle p \langle /i \rangle, \langle i \rangle q \langle /i \rangle)$ -integral inequalities. <i>AIMS Mathematics</i> , 2020, 5, 568-586.	0.7	4
66	New Ostrowski like inequalities involving the functions having harmonic h-convexity property and applications. <i>Journal of Mathematical Inequalities</i> , 2019, , 621-644.	0.5	4
67	Some New Post-Quantum Integral Inequalities Involving Twice (p, q) -Differentiable $\tilde{\eta}$ -Preinvex Functions and Applications. <i>Axioms</i> , 2021, 10, 283.	0.9	4
68	Some new (p, q) -Dragomirâ€“Agarwal and Iyengar type integral inequalities and their applications. <i>AIMS Mathematics</i> , 2022, 7, 5728-5751.	0.7	4
69	Fractional Hermite-Hadamard inequalities containing generalized Mittag-Leffler function. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 265.	0.5	3
70	Quantum Analogues of Hermiteâ€“Hadamard Type Inequalities for Generalized Convexity. , 2015, , 413-439.		3
71	On $(\hat{1}, m, h)$ -Convexity. <i>Applied Mathematics and Information Sciences</i> , 2018, 12, 145-150.	0.7	3
72	Two dimensional operator preinvex functions and associated Hermite-Hadamard type inequalities. <i>Filomat</i> , 2018, 32, 2825-2836.	0.2	3

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73	New fractional identities, associated novel fractional inequalities with applications to means and error estimations for quadrature formulas. Journal of Inequalities and Applications, 2022, 2022, .	0.5	3
74	Some new postâ€quantum integral inequalities involving multiâ€parameter and their applications. Mathematical Methods in the Applied Sciences, 0, , .	1.2	3
75	Some q-Fractional Estimates of Trapezoid like Inequalities Involving Rainaâ€™s Function. Fractal and Fractional, 2022, 6, 185.	1.6	3
76	Some New Ostrowski-Type Inequalities Involving $\int_a^b f(x) dx$ -Fractional Integrals. Journal of Mathematics, 2021, 2021, 1-12.	0.5	2
77	$(\mathcal{I}_p, \mathcal{I}_q)$ -Analysis of Montgomery identity and estimates of $(\mathcal{I}_p, \mathcal{I}_q)$ -bounds with applications. Journal of Inequalities and Applications, 2021, 2021, .	0.5	2
78	Inequalities for Estimations of Integrals Related to Higher-Order Strongly \mathcal{I}_n -Polynomial Preinvex Functions. Journal of Mathematics, 2020, 2020, 1-12.	0.5	2
79	Inequalities Associated with Invariant Harmonically h-Convex Functions. Applied Mathematics and Information Sciences, 2017, 11, 1575-1583.	0.7	2
80	On \mathcal{M} -convex functions. AIMS Mathematics, 2020, 5, 2376-2387.	0.7	2
81	k-Fractional Estimates of Hermiteâ€™Hadamard Type Inequalities Involving k-Appellâ€™s Hypergeometric Functions and Applications. Fractal and Fractional, 2019, 3, 38.	1.6	1
82	On Extended General Mittagâ€™Leffler Functions and Certain Inequalities. Fractal and Fractional, 2019, 3, 32.	1.6	1
83	Some New Postquantum Integral Inequalities. Journal of Mathematics, 2020, 2020, 1-10.	0.5	1
84	Approximately h-preinvex functions, associated Hermiteâ€™Hadamard-like inequality, new q-identity, and estimation of its bounds with applications. AIP Advances, 2020, 10, 045209.	0.6	1
85	Estimates of Upper Bound for Differentiable Functions Associated with \mathcal{I}_k -Fractional Integrals and Higher Order Strongly \mathcal{I}_s -Convex Functions. Journal of Function Spaces, 2020, 2020, 1-8.	0.4	1
86	General Harmonic Convex Functions and Integral Inequalities. , 2016, , 443-472.		1
87	Some inequalities for functions having an s-convex derivative of superior order. Mathematical Inequalities and Applications, 2016, , 893-907.	0.1	1
88	Quantum Integral Inequalities for Generalized Convex Functions. Springer Optimization and Its Applications, 2017, , 219-235.	0.6	1
89	Generalized Coordinated Nonconvex Functions and Integral Inequalities. Applied Mathematics and Information Sciences, 2018, 12, 337-344.	0.7	1
90	Harmonic Exponential Convex Functions and Inequalities. Springer Optimization and Its Applications, 2019, , 231-264.	0.6	1

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91	Certain unified integral inequalities in connection with quantum fractional calculus. Filomat, 2019, 33, 6297-6304.	0.2	1
92	A Study of Uniform Harmonic $\hat{\eta}$ -Convex Functions with respect to Hermite-Hadamard's Inequality and Its Caputo-Fabrizio Fractional Analogue and Applications. Journal of Function Spaces, 2021, 2021, 1-12.	0.4	1
93	Trapezium-like Inequalities Involving k -th Order Differentiable \hat{R}^3 -Convex Functions and Applications. Symmetry, 2022, 14, 448.	1.1	1
94	Multi-Parameter Quantum Integral Identity Involving Raina's Function and Corresponding q -Integral Inequalities with Applications. Symmetry, 2022, 14, 606.	1.1	1
95	Generalized (p, q) -analogues of Dragomir-Agarwal's inequalities involving Raina's function and applications. AIMS Mathematics, 2022, 7, 11464-11486.	0.7	1
96	On $G(\hat{f}, h)$ -Convexity of the Functions and Applications to Hermite-Hadamard's Inequality. Springer Optimization and Its Applications, 2022, , 927-944.	0.6	1
97	Some inequalities for functions having Orlicz-convexity. Applied Mathematics and Computation, 2016, 273, 226-236.	1.4	0
98	Quantum Integral Inequalities for Generalized Preinvex Functions. Springer Optimization and Its Applications, 2017, , 237-268.	0.6	0
99	Some Integral Inequalities for n -Polynomial $\hat{\eta}$ -Preinvex Functions. Journal of Function Spaces, 2021, 2021, 1-9.	0.4	0
100	Some $\hat{\eta}$ -Tempered Fractional Hermite-Hadamard Inequalities Involving Harmonically Convex Functions and Applications. Journal of Mathematics, 2021, 2021, 1-14.	0.5	0
101	Some new estimates for Fejer type inequalities in quantum analysis. Studia Universitatis Babeş-Bolyai Mathematica, 2017, 62, 57-75.	0.1	0
102	Bounds Involving Operator s -Godunova-Levin-Dragomir Functions. Springer Optimization and Its Applications, 2018, , 353-361.	0.6	0
103	Two Dimensional Harmonic Quasi Convex Functions and Integral Inequalities. Applied Mathematics and Information Sciences, 2018, 12, 1203-1207.	0.7	0
104	Refined bounds of the quantum quadratures within the class of distance-disturbed convex functions in two dimensions. Filomat, 2019, 33, 825-836.	0.2	0
105	Hermite-Hadamard type inequalities in the setting of k -fractional calculus theory with applications. AIMS Mathematics, 2020, 5, 629-639.	0.7	0
106	Harmonic Hermite-Hadamard Inequalities Involving Mittag-Leffler Function. , 2021, , 1-20.		0
107	Two-Dimensional Trapezium Inequalities via pq -Convex Functions. , 2021, , 21-34.		0
108	Estimations of Upper Bounds for n -th Order Differentiable Functions Involving $\hat{\eta}$ -Riemann-Liouville Integrals via \hat{R}^3 -Preinvex Functions. Mathematical Problems in Engineering, 2021, 2021, 1-20.	0.6	0

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109	Fractional identities involving exponential kernel and associated fractional trapezium like inequalities. AIMS Mathematics, 2022, 7, 10195-10214.	0.7	0
110	Parametric generalized (p, q) -integral inequalities and applications. AIMS Mathematics, 2022, 7, 12437-12457.	0.7	0
111	Some novel inequalities involving Atangana-Baleanu fractional integral operators and applications. AIMS Mathematics, 2022, 7, 12203-12226.	0.7	0
112	Fractional integral estimations pertaining to generalized $\{\gamma\}$ -convex functions involving Raina's function and applications. AIMS Mathematics, 2022, 7, 13633-13663.	0.7	0
113	Some Generalized Fractional Integral Inequalities via Harmonic Convex Functions and Their Applications. Mathematical Problems in Engineering, 2022, 2022, 1-27.	0.6	0