Muhammad Adil Khan

List of Publications by Year
in descending order

55 papers	1,077 citations
361413 20 h-index	434195 31 g-index
56 all docs	56 docs citations
56 times ranked	245 citing authors

#	Article	IF	Citations
1	Some new inequalities of Hermite-Hadamard type for s-convex functions with applications. Open Mathematics, 2017, 15, 1414-1430.	1.0	108
2	Converses of the Jensen inequality derived from the Green functions with applications in information theory. Mathematical Methods in the Applied Sciences, 2020, 43, 2577-2587.	2.3	67
3	Inequalities for Î±-fractional differentiable functions. Journal of Inequalities and Applications, 2017, 2017, 93.	1.1	64
4	CERTAIN INTEGRAL INEQUALITIES CONSIDERING GENERALIZED m-CONVEXITY ON FRACTAL SETS AND THEIR APPLICATIONS. Fractals, 2019, 27, 1950117.	3.7	49
5	Refinements of Jensenâ€™s and McShaneâ€™s inequalities with applications. AIMS Mathematics, 2020, 5, 4931-4945.	1.6	43
6	Conformable fractional integral inequalities for <i>GG</i>- and <i>GA</i>-convex functions. AIMS Mathematics, 2020, 5, 5012-5030.	1.6	38
7	The concept of coordinate strongly convex functions and related inequalities. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 2235-2251.	1.2	37
8	Association of Jensenâ€™s inequality for s-convex function with CsiszÃ¡r divergence. Journal of Inequalities and Applications, 2019, 2019, .	1.1	37
9	Conformable Fractional Integrals Versions of Hermite-Hadamard Inequalities and Their Generalizations. Journal of Function Spaces, 2018, 2018, 1-9.	0.9	34
10	A new bound for the Jensen gap pertaining twice differentiable functions with applications. Advances in Difference Equations, 2020, 2020, .	3.5	33
11	Generalization of Hermite-Hadamard Type Inequalities via Conformable Fractional Integrals. Journal of Function Spaces, 2018, 2018, 1-12.	0.9	28
12	Bounds for Shannon and Zipfâ€Mandelbrot entropies. Mathematical Methods in the Applied Sciences, 2017, 40, 7316-7322.	2.3	26
13	Some New Hermiteâ€"Hadamard-Type Inequalities Associated with Conformable Fractional Integrals and Their Applications. Journal of Function Spaces, 2020, 2020, 1-18.	0.9	26
14	New Estimations for Shannon and Zipfâ€"Mandelbrot Entropies. Entropy, 2018, 20, 608.	2.2	25
15	On Zipfâ€"Mandelbrot entropy. Journal of Computational and Applied Mathematics, 2019, 346, 192-204.	2.0	24
16	Revisiting the Hermite-Hadamard fractional integral inequality via a Green function. AIMS Mathematics, 2020, 5, 6087-6107.	1.6	23
17	New â€œConticreteâ€•Hermiteâ€"Hadamardâ€"Jensenâ€"Mercer Fractional Inequalities. Symmetry, 2022, 14, 294.	2.2	23
18	Around Jensenâ€™s inequality for strongly convex functions. Aequationes Mathematicae, 2018, 92, 25-37.	0.8	22

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19	Hermite-Hadamard type inequalities pertaining conformable fractional integrals and their applications. AIP Advances, 2018, 8, .	1.3	22
20	Integral Inequalities Involving Strongly Convex Functions. Journal of Function Spaces, 2018, 2018, 1-8.	0.9	21
21	Refinement of the Jensen integral inequality. Open Mathematics, 2016, 14, 221-228.	1.0	20
22	Hermite-Hadamard-FejÃ©r Inequalities for Conformable Fractional Integrals via Preinvex Functions. Journal of Function Spaces, 2019, 2019, 1-9.	0.9	20
23	Conformable Integral Inequalities of the Hermite-Hadamard Type in terms of GG- and GA-Convexities. Journal of Function Spaces, 2019, 2019, 1-8.	0.9	19
24	New converses of Jensen inequality via Green functions with applications. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	1.2	19
25	Qualitative Behaviour of Generalised Beddington Model. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 145-155.	1.5	17
26	Integral Majorization Type Inequalities for the Functions in the Sense of Strong Convexity. Journal of Function Spaces, 2019, 2019, 1-11.	0.9	17
27	A New Bound for the Jensen Gap With Applications in Information Theory. IEEE Access, 2020, 8, 98001-98008.	4.2	14
28	New Estimates for CsiszÃ¡r Divergence and Zipfâ€"Mandelbrot Entropy via Jensenâ€"Mercerâ€™s Inequality. Complexity, 2020, 2020, 1-8.	1.6	13
29	New refinement of the Jensen inequality associated to certain functions with applications. Journal of Inequalities and Applications, 2020, 2020, .	1.1	13
30	Determination of Bounds for the Jensen Gap and Its Applications. Mathematics, 2021, 9, 3132.	2.2	13
31	Bounds for CsiszÃ¡r divergence and hybrid Zipfâ€Mandelbrot entropy. Mathematical Methods in the Applied Sciences, 2019, 42, 7411-7424.	2.3	12
32	Ostrowski type inequalities involving conformable integrals via preinvex functions. AIP Advances, 2020, 10, .	1.3	12
33	The right Riemannâ€"Liouville fractional Hermiteâ€"Hadamard type inequalities derived from Greenâ€™s function. AIP Advances, 2020, 10, .	1.3	10
34	New estimates for generalized Shannon and Zipf-Mandelbrot entropies via convexity results. Results in Physics, 2020, 18, 103305.	4.1	10
35	Refinements of Jensenâ€™s Inequality via Majorization Results with Applications in the Information Theory. Journal of Mathematics, 2021, 2021, 1-12.	1.0	10
36	New bounds for soft margin estimator via concavity of Gaussian weighting function. Advances in Difference Equations, 2020, 2020, .	3.5	10

#	ARTICLE	IF	CITATIONS
37	Hermite-Hadamard Type Inequalities Obtained via Fractional Integral for Differentiable m-Convex and α,m-Convex Functions. International Journal of Analysis, 2016, 2016, 1-8.	0.5	9
38	Refinements of Majorization Inequality Involving Convex Functions via Taylor's Theorem with Mean Value form of the Remainder. Mathematics, 2019, 7, 663.	2.2	8
39	A New Refinement of the Jensen Inequality with Applications in Information Theory. Bulletin of the Malaysian Mathematical Sciences Society, 2021, 44, 267-278.	0.9	8
40	A novel approach to the Jensen gap through Taylor's theorem. Mathematical Methods in the Applied Sciences, 2021, 44, 3324-3333.	2.3	8
41	Improvement of Jensen's Inequality in terms of Gâteaux Derivatives for Convex Functions in Linear Spaces with Applications. Kyungpook Mathematical Journal, 2012, 52, 495-511.	0.3	7
42	New Estimates for the Jensen Gap Using s-Convexity With Applications. Frontiers in Physics, 2020, 8, .	2.1	7
43	Hermite-Hadamard Fractional Inequalities for Differentiable Functions. Fractal and Fractional, 2022, 6, 60.	3.3	7
44	Improvements of Slater's Inequality by Means of 4-Convexity and Its Applications. Mathematics, 2022, 10, 1274.	2.2	6
45	Some majorization integral inequalities for functions defined on rectangles. Journal of Inequalities and Applications, 2018, 2018, 146.	1.1	5
46	New estimation of Zipf–Mandelbrot and Shannon entropies via refinements of Jensen's inequality. AIP Advances, 2021, 11, .	1.3	5
47	Refinements of Jensen's inequality and applications. AIMS Mathematics, 2022, 7, 5328-5346.	1.6	5
48	The Hermite–Hadamard–Jensen–Mercer Type Inequalities for Riemann–Liouville Fractional Integral. Journal of Mathematics, 2021, 2021, 1-18.	1.0	4
49	New improvements of Jensen's type inequalities via 4-convex functions with applications. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	1.2	4
50	Some Improvements of Jensen's Inequality via 4-Convexity and Applications. Journal of Function Spaces, 2022, 2022, 1-9.	0.9	4
51	Unifications of Continuous and Discrete Fractional Inequalities of the Hermite–Hadamard–Jensen–Mercer Type via Majorization. Journal of Function Spaces, 2022, 2022, 1-24.	0.9	4
52	A new approach for the derivation of bounds for the Jensen difference. Mathematical Methods in the Applied Sciences, 0, , .	2.3	3
53	Inequalities of the Type Hermite–Hadamard–Jensen–Mercer for Strong Convexity. Mathematical Problems in Engineering, 2021, 2021, 1-16.	1.1	2
54	Generalization of Favard's and Berwald's Inequalities for Strongly Convex Functions. Communications in Mathematics and Applications, 2019, 10, .	0.1	1

#	Article	IF	Citations
55	Bounds for the Jensen Gap in terms of Power Means with Applications. Journal of Function Spaces, 2021, 2021, 1-11.	0.9	1