Izhar Ahmad

List of Publications by Year
in descending order

81	847	471371	610775
papers	citations	17	24
		h-index	g-index
82	82	82	173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On sufficiency and duality for a class of interval-valued programming problems. Applied Mathematics and Computation, 2011, 218, 4119-4127.	1.4	63
2	Second order (F,α,ρ,d)-convexity and duality in multiobjective programming. Information Sciences, 2006, 176, 3094-3103.	4.0	40
3	Optimality Conditions and Duality in Nondifferentiable Minimax Fractional Programming with Generalized Convexity. Journal of Optimization Theory and Applications, 2006, 129, 255-275.	0.8	30
4	Duality in nondifferentiable minimax fractional programming with generalized convexity. Applied Mathematics and Computation, 2006, 176, 545-551.	1.4	29
5	Secound Order Symmetric Duality with Generalized Convexity. Opsearch, 2001, 38, 210-222.	1.1	28
6	Higher-Order Duality in Nondifferentiable Multiobjective Programming. Numerical Functional Analysis and Optimization, 2007, 28, 989-1002.	0.6	27
7	Sufficiency and Duality in Multiobjective Programming under Generalized Type I Functions. Journal of Optimization Theory and Applications, 2007, 135, 411-427.	0.8	27
8	Second-order duality in nondifferentiable minmax programming involving type-I functions. Journal of Computational and Applied Mathematics, 2008, 215, 91-102.	1.1	25
9	Second order duality for minmax fractional programming. Optimization Letters, 2009, 3, 277-286.	0.9	25
10	Multiobjective mixed symmetric duality involving cones. Computers and Mathematics With Applications, 2010, 59, 319-326.	1.4	24
11	Nondifferentiable second order symmetric duality in multiobjective programming. Applied Mathematics Letters, 2005, 18, 721-728.	1.5	22
12	On Geodesic E-Convex Sets, Geodesic E-Convex Functions and E-Epigraphs. Journal of Optimization Theory and Applications, 2012, 155, 239-251.	0.8	22
13	Second-order symmetric duality with cone constraints. Journal of Computational and Applied Mathematics, 2008, 220, 347-354.	1.1	21
14	One norm linear programming support vector regression. Neurocomputing, 2016, 173, 1508-1518.	3.5	21
15	Second order symmetric duality for nonlinear minimax mixed integer programs. European Journal of Operational Research, 1997, 101, 122-129.	3.5	20
16	On multiobjective second order symmetric duality with cone constraints. European Journal of Operational Research, 2010, 204, 402-409.	3.5	19
17	Nonsmooth Interval-Valued Optimization and Saddle-Point Optimality Criteria. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 1391-1411.	0.4	19
18	Sufficiency and duality in interval-valued variational programming. Neural Computing and Applications, 2019, 31, 4423-4433.	3.2	18

#	Article	IF	Citations
19	type duality for multiobjective variational problems with generalized <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	0.5	17
20	Some properties of geodesic semi--convex functions. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 6805-6813.	0.6	17
21	Second order duality for nondifferentiable minimax programming problems with generalized convexity. Journal of Global Optimization, 2009, 44, 593-608.	1.1	15
22	Higher-Order Duality in Nondifferentiable Minimax Programming with Generalized Type I Functions. Journal of Optimization Theory and Applications, 2009, 141, 1-12.	0.8	15
23	On interval-valued optimization problems with generalized invex functions. Journal of Inequalities and Applications, 2013, 2013, .	0.5	15
24	Optimality conditions for invex interval valued nonlinear programming problems involving generalized H-derivative. Filomat, 2016, 30, 2121-2138.	0.2	15
25	Second order symmetric duality in nondifferentiable multiobjective programming. Information Sciences, 2005, 173, 23-34.	4.0	14
26	Higher order symmetric duality in nondifferentiable multi-objective programming problems involving generalized cone convex functions. Mathematical and Computer Modelling, 2010, 52, 1644-1650.	2.0	14
27	Duality in nondifferentiable minimax fractional programming with B-(p, r)- invexity. Journal of Inequalities and Applications, 2011, 2011, .	0.5	14
28	Sufficiency and duality for multiobjective variational control problems with generalized -V-convexity. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 2564-2579.	0.6	13
29	A note on higher-order nondifferentiable symmetric duality in multiobjective programming. Applied Mathematics Letters, 2011, 24, 1308-1311.	1.5	13
30	Unified higher order duality in nondifferentiable multiobjective programming involving cones. Mathematical and Computer Modelling, 2012, 55, 419-425.	2.0	13
31	Second-Order Duality for Nondifferentiable Multiobjective Programming Problems. Numerical Functional Analysis and Optimization, 2007, 28, 975-988.	0.6	12
32	Second-order duality in nondifferentiable fractional programming. Nonlinear Analysis: Real World Applications, 2011, 12, 1103-1110.	0.9	11
33	Symmetric duality for multiobjective fractional variational problems with generalized invexity. Information Sciences, 2006, 176, 2192-2207.	4.0	9
34	Second order nondifferentiable minimax fractional programming with square root terms. Filomat, 2013, 27, 135-142.	0.2	9
35	NONDIFFERENTIABLE SECOND-ORDER SYMMETRIC DUALITY. Asia-Pacific Journal of Operational Research, 2005, 22, 19-31.	0.9	7
36	Strong GeodesicÎ±-Preinvexity and InvariantÎ±-Monotonicity on Riemannian Manifolds. Numerical Functional Analysis and Optimization, 2010, 31, 1342-1361.	0.6	7

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37	Generalized Second-Order Mixed Symmetric Duality in Nondifferentiable Mathematical Programming. Abstract and Applied Analysis, 2011, 2011, 1-14.	0.3	7
38	Vector variational inequalities on Hadamard manifolds involving strongly geodesic convex functions. Operations Research Letters, 2019, 47, 110-114.	0.5	7
39	Minimax mixed integer symmetric duality for multiobjective variational problems. European Journal of Operational Research, 2007, 177, 71-82.	3.5	6
40	Sufficiency and duality for nonsmooth multiobjective programming problems involving generalized(F,α,ρ,ϑ)–d–V-univex functions. Mathematical and Computer Modelling, 2011, 53, 81-90.	2.0	6
41	On sufficiency and duality for nonsmooth multiobjective programming problems involving generalized -invex functions. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 5920-5928.	0.6	6
42	Higher-order duality in nondifferentiable minimax fractional programming involving generalized convexity. Journal of Inequalities and Applications, 2012, 2012, .	0.5	6
43	Duality for semi-infinite programming problems involving (H p , r) -invex functions. Journal of Inequalities and Applications, 2013, 2013, .	0.5	6
44	Viscosity method for hierarchical variational inequalities and variational inclusions on Hadamard manifolds. Journal of Inequalities and Applications, 2021, 2021, .	0.5	6
45	Sufficiency and Duality for Nonsmooth Interval-Valued Optimization Problems via Generalized Invex-Infine Functions. Journal of the Operations Research Society of China, 2023, 11, 505-527.	0.9	6
46	Symmetric duality for multiobjective fractional variational problems involving cones. European Journal of Operational Research, 2008, 188, 695-704.	3.5	5
47	Optimality and Duality in Nonsmooth Multiobjective Optimization Involving V-Type I Invex Functions. Journal of Inequalities and Applications, 2010, 2010, 898626.	0.5	5
48	GeodesicG-invex sets and semistrictly geodesic η-preinvex functions. Optimization, 2012, 61, 1169-1174.	1.0	5
49	Second order symmetric duality in multiobjective programming involving cones. Optimization Letters, 2013, 7, 1353-1365.	0.9	5
50	Second-Order Symmetric Duality in Variational Control Problems Over Cone Constraints. Asia-Pacific Journal of Operational Research, 2018, 35, 1850028.	0.9	5
51	Integral inequalities under beta function and preinvex type functions. SpringerPlus, 2016, 5, 521.	1.2	4
52	Strong Geodesic Convex Functions of Order *m*. Numerical Functional Analysis and Optimization, 2019, 40, 1840-1846.	0.6	4
53	A gap function and existence of solutions for a non-smooth vector variational inequality on Hadamard manifolds. Optimization, 2021, 70, 1875-1889.	1.0	4
54	Symmetric duality for minimax variational problems. Mathematical Methods of Operations Research, 1998, 48, 81-95.	0.4	3

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55	Mixed type symmetric duality for multiobjective variational problems with cone constraints. International Transactions in Operational Research, 2014, 21, 291-310.	1.8	3
56	Generalized Geodesic Convexity on Riemannian Manifolds. Mathematics, 2019, 7, 547.	1.1	3
57	Mixed Type Nondifferentiable Higher-Order Symmetric Duality over Cones. Symmetry, 2020, 12, 274.	1.1	3
58	A New Approach on Multiobjective Higher-Order Symmetric Duality Under Cone-Invexity. Bulletin of the Malaysian Mathematical Sciences Society, 2021, 44, 479-495.	0.4	3
59	Using concave optimization methods for inexact quadratic programming problems with an application to waste management. Journal of Inequalities and Applications, 2021, 2021, .	0.5	3
60	Characterizations of geodesic sub-b-s-convex functions on Riemannian manifolds. Journal of Nonlinear Science and Applications, 2018, 11, 189-197.	0.4	3
61	Note on Mondâ€"Weir type nondifferentiable second order symmetric duality. Optimization Letters, 2008, 2, 599-604.	0.9	2
62	On Second-Order Duality for Minimax Fractional Programming Problems with Generalized Convexity. Abstract and Applied Analysis, 2011, 2011, 1-15.	0.3	2
63	Geodesic r-preinvex functions on Riemannian manifolds. Journal of Inequalities and Applications, 2014, 2014, .	0.5	2
64	Higher order duality for cone vector optimization problems. Asian-European Journal of Mathematics, 2020, 13, 2050020.	0.2	2
65	Mixed symmetric duality for nondifferentiable programming problems. Opsearch, 2006, 43, 296-308.	1.1	1
66	Non-differentiable minimax fractional programming with higher-order type Ifunctions. Journal of Inequalities and Applications, 2013, 2013, .	0.5	1
67	On minimax programming problems involving right upper-Dini-derivative functions. Journal of Inequalities and Applications, 2014, 2014, .	0.5	1
68	Sufficiency and duality in nondifferentiable multiobjective programming involving higher order strong invexity. Journal of Inequalities and Applications, 2015, 2015, .	0.5	1
69	Second order monotonicities and second order variational-like inequality problems. Rendiconti Del Circolo Matematico Di Palermo, 2016, 65, 123-137.	0.6	1
70	Criterion for Generalized Weakly Fuzzy Invex Monotonocities. Advances in Fuzzy Systems, 2018, 2018, 1-9.	0.6	1
71	Non-existence of certain type of convex functions on a Riemannian manifold with a pole. Journal of Geometry and Physics, 2019, 140, 104-110.	0.7	1
72	Robust duality for generalized convex nonsmooth vector programs with uncertain data in constraints. RAIRO - Operations Research, 2021, 55, 2181-2188.	1.0	1

#	Article	IF	Citations
73	Vector variational inequalities on Riemannian manifolds with approximate geodesic star-shaped functions. Rendiconti Del Circolo Matematico Di Palermo, 0, , 1.	0.6	1
74	Symmetric duality in complex spaces over cones. Yugoslav Journal of Operations Research, 2021, 31, 515-538.	0.5	1
75	Multiobjective fractional programming involving (alpha, rho)-right upper-Dini-derivative functions. Miskolc Mathematical Notes, 2015, 16, 887-906.	0.3	1
76	On minimax fractional programming problems involving generalized (H_p,r)-invex functions. Journal of Industrial and Management Optimization, 2014, 10, 1001-1018.	0.8	1
77	Robust Nonsmooth Interval-Valued Optimization Problems Involving Uncertainty Constraints. Mathematics, 2022, 10, 1787.	1.1	1
78	Sufficiency in multiobjective subset programming involving generalized type-I functions. Journal of Global Optimization, 2007, 39, 473-481.	1.1	0
79	Roughly geodesic B - r-preinvex functions on Cartan Hadamard manifolds. Facta Universitatis Series Mathematics and Informatics, 2018, 33, 325.	0.1	0
80	Characterizing Base in Warped Product Submanifolds of Complex Projective Spaces by Differential Equations. Mathematics, 2022, 10, 244.	1.1	0
81	Multiobjective Symmetric Duality in Higher-Order Fractional Variational Programming. Asia-Pacific Journal of Operational Research, 0, , .	0.9	0