

Tadeusz Antczak

List of Publications by Year in descending order

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471509

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times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
19	E-optimality conditions and Wolfe E-duality for E-differentiable vector optimization problems with inequality and equality constraints. <i>Journal of Nonlinear Science and Applications</i> , 2019, 12, 745-764.	1.0	17
20	A necessary and sufficient condition on the equivalence between local and global optimal solutions in variational control problems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2020, 191, 111640.	1.1	16
21	On (p,r) -Invexity-Type Nonlinear Programming Problems. <i>Journal of Mathematical Analysis and Applications</i> , 2001, 264, 382-397.	1.0	15
22	LIPSCHITZ-INVEX FUNCTIONS AND NONSMOOTH PROGRAMMING. <i>Numerical Functional Analysis and Optimization</i> , 2002, 23, 265-283.	1.4	14
23	An \hat{I} -Approximation Approach for Nonlinear Mathematical Programming Problems Involving Invex Functions. <i>Numerical Functional Analysis and Optimization</i> , 2004, 25, 423-438.	1.4	14
24	A new exact exponential penalty function method and nonconvex mathematical programming. <i>Applied Mathematics and Computation</i> , 2011, 217, 6652-6662.	2.2	14
25	Nonsmooth minimax programming under locally Lipschitz (\hat{I}, \hat{J}) -invexity. <i>Applied Mathematics and Computation</i> , 2011, 217, 9606-9624.	2.2	13
26	Parametric approach to multitime multiobjective fractional variational problems under (\hat{I}, \hat{K}) -convexity. <i>Optimal Control Applications and Methods</i> , 2016, 37, 831-847.	2.1	13
27	The minimal criterion for the equivalence between local and global optimal solutions in nondifferentiable optimization problem. <i>Mathematical Methods in the Applied Sciences</i> , 2017, 40, 6556-6564.	2.3	13
28	On efficiency and mixed duality for a new class of nonconvex multiobjective variational control problems. <i>Journal of Global Optimization</i> , 2014, 59, 757-785.	1.8	12
29	Relationships between pre-invex concepts. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2005, 60, 349-367.	1.1	11
30	A modified objective function method for solving nonlinear multiobjective fractional programming problems. <i>Journal of Mathematical Analysis and Applications</i> , 2006, 322, 971-989.	1.0	11
31	Proper efficiency conditions and duality results for nonsmooth vector optimization in Banach spaces under \hat{I} -invexity. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2012, 75, 3107-3121.	1.1	11
32	Generalized (p, r) -Invexity in Mathematical Programming. <i>Numerical Functional Analysis and Optimization</i> , 2003, 24, 437-453.	1.4	10
33	A Modified Objective Function Method in Mathematical Programming with Second Order Invexity. <i>Numerical Functional Analysis and Optimization</i> , 2007, 28, 1-12.	1.4	10
34	Optimality conditions and duality for nondifferentiable multiobjective programming problems involving d - r -type I functions. <i>Journal of Computational and Applied Mathematics</i> , 2009, 225, 236-250.	2.0	10
35	THE I_1 PENALTY FUNCTION METHOD FOR NONCONVEX DIFFERENTIABLE OPTIMIZATION PROBLEMS WITH INEQUALITY CONSTRAINTS. <i>Asia-Pacific Journal of Operational Research</i> , 2010, 27, 559-576.	1.3	10
36	Proper efficiency and duality for a new class of nonconvex multitime multiobjective variational problems. <i>Journal of Inequalities and Applications</i> , 2014, 2014, .	1.1	10

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37	The vector exact l1 penalty method for nondifferentiable convex multiobjective programming problems. Applied Mathematics and Computation, 2012, 218, 9095-9106.	2.2	9
38	Optimality and duality results for E-differentiable multiobjective fractional programming problems under E-convexity. Journal of Inequalities and Applications, 2019, 2019, .	1.1	9
39	On equivalence between a variational problem and its modified variational problem with the $\hat{\epsilon}$ -objective function under invexity. International Transactions in Operational Research, 2019, 26, 2053-2070.	2.7	9
40	Saddle point criteria and duality in multiobjective programming via an $\hat{\epsilon}$ -approximation method. ANZIAM Journal, 2005, 47, 155-172.	0.2	8
41	The Exact l1 Penalty Function Method for Constrained Nonsmooth Invex Optimization Problems. International Federation for Information Processing, 2013, , 461-470.	0.4	8
42	Second order $\hat{\epsilon}$ -invexity and duality for semi-infinite minimax fractional programming. Applied Mathematics and Computation, 2014, 227, 831-856.	2.2	8
43	Optimality conditions and Mond-Weir duality for a class of differentiable semi-infinite multiobjective programming problems with vanishing constraints. 4or, 2022, 20, 417-442.	1.6	8
44	Sufficient optimality criteria and duality for multiobjective variational control problems with B-(p,r)-invex functions. Opuscula Mathematica, 2014, 34, 665.	0.8	7
45	Penalty function methods and a duality gap for invex optimization problems. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 3322-3332.	1.1	6
46	Optimality and duality for minimax fractional programming with support functions under B-(p,r)-Type I assumptions. Mathematical and Computer Modelling, 2013, 57, 1083-1100.	2.0	6
47	Duality for multiobjective variational control problems with $(\Phi, \text{ho}) (\hat{\epsilon}_1, \tilde{\epsilon}_1)$ -invexity. Calcolo, 2014, 51, 393-421.	1.1	6
48	Saddle point criteria and Wolfe duality in nonsmooth $(\hat{\epsilon}_1, \tilde{\epsilon}_1)$ -invex vector optimization problems with inequality and equality constraints. International Journal of Computer Mathematics, 2015, 92, 882-907.	1.8	6
49	Parametric approach for approximate efficiency of robust multiobjective fractional programming problems. Mathematical Methods in the Applied Sciences, 2021, 44, 11211-11230.	2.3	6
50	On Approximate Efficiency for Nonsmooth Robust Vector Optimization Problems. Acta Mathematica Scientia, 2020, 40, 887-902.	1.0	6
51	A new method of solving nonlinear mathematical programming problems involving r-invex functions. Journal of Mathematical Analysis and Applications, 2005, 311, 313-323.	1.0	5
52	AN $\hat{\epsilon}$ -APPROXIMATION APPROACH IN NONLINEAR VECTOR OPTIMIZATION WITH UNIVEX FUNCTIONS. Asia-Pacific Journal of Operational Research, 2006, 23, 525-542.	1.3	5
53	The exact $\hat{\epsilon}$ -penalty function method and $\hat{\epsilon}$ -invexity. Mathematical and Computer Modelling, 2011, 54, 1966-1978.	2.0	5
54	Parametric Saddle Point Criteria in Semi-Infinite Minimax Fractional Programming Problems Under $(\langle i \rangle p \langle /i \rangle, \langle i \rangle r \langle /i \rangle)$ -Invexity. Numerical Functional Analysis and Optimization, 2015, 36, 1-28.	1.4	5

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55	The Modified Objective Function Method for Univex Multiobjective Variational Problems. Bulletin of the Iranian Mathematical Society, 2019, 45, 267-282.	1.0	5
56	SADDLE POINT CRITERIA AND THE EXACT MINIMAX PENALTY FUNCTION METHOD IN NONCONVEX PROGRAMMING. Taiwanese Journal of Mathematics, 2013, 17, .	0.4	4
57	E-differentiable minimax programming under E-convexity. Annals of Operations Research, 2021, 300, 1-22.	4.1	4
58	Sufficient optimality conditions for semi-infinite multiobjective fractional programming under $(\mathcal{D}, \mathcal{I})$ -V-invexity and generalized $(\mathcal{D}, \mathcal{I})$ -V-invexity. Filomat, 2016, 30, 3649-3665.	0.5	4
59	AN $\hat{\Gamma}$ -APPROXIMATION METHOD FOR NONSMOOTH MULTIOBJECTIVE PROGRAMMING PROBLEMS. ANZIAM Journal, 2008, 49, 309.	0.2	3
60	A second order $\hat{\Gamma}$ -approximation method for constrained optimization problems involving second order invex functions. Applications of Mathematics, 2009, 54, 433-445.	0.9	3
61	Saddle points criteria in nondifferentiable multiobjective programming with $\langle mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/commet-table/dtd" xmlns:tbl="http://www.elsevier.com/$	2.7	3
62	G-saddle point criteria and G-Wolfe duality in differentiate mathematical programming. Journal of Information and Optimization Sciences, 2010, 31, 63-85.	0.3	3
63	Multiobjective programming under nondifferentiable G-V-invexity. Filomat, 2016, 30, 2909-2923.	0.5	3
64	An $\hat{\Gamma}$ -approximation approach to duality in mathematical programming problems involving r-invex functions. Journal of Mathematical Analysis and Applications, 2006, 315, 555-567.	1.0	2
65	A new characterization of (weak) Pareto optimality for differentiable vector optimization problems with $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll" \rangle \langle mml:mi \rangle G \langle /mml:mi \rangle \langle /mml:math \rangle$ -invex functions. Mathematical and Computer Modelling, 2011, 54, 59-68.	2.0	2
66	Sufficient optimality criteria and duality for multiobjective variational control problems with $\$G\$$ G -type I objective and constraint functions. Journal of Global Optimization, 2015, 61, 695-720.	1.8	2
67	Vector Exponential Penalty Function Method for Nondifferentiable Multiobjective Programming Problems. Bulletin of the Malaysian Mathematical Sciences Society, 2018, 41, 657.	0.9	2
68	Parametric nondifferentiable multiobjective fractional programming under $(b;;;)$ -univexity. Turkish Journal of Mathematics, 2018, 42, 2125-2147.	0.7	2
69	Saddle point criteria in semi-infinite minimax fractional programming under $(\hat{\Gamma}_1, \mathcal{I})$ -invexity. Filomat, 2017, 31, 2557-2574.	0.5	2
70	Characterization of vector strict global minimizers of order 2 in differentiable vector optimization problems under a new approximation method. Journal of Computational and Applied Mathematics, 2011, 235, 4991-5000.	2.0	1
71	Nondifferentiable $(\hat{\Gamma}_1, \mathcal{I})$ -type \hat{A} I and generalized $(\hat{\Gamma}_1, \mathcal{I})$ -type \hat{A} I functions in nonsmooth vector optimization. Journal of Applied Analysis, 2013, 19, .	0.5	1
72	The Exactness Property of the Vector Exact I1 Penalty Function Method in Nondifferentiable Invex Multiobjective Programming. Numerical Functional Analysis and Optimization, 2016, 37, 1465-1487.	1.4	1

#	ARTICLE	IF	CITATIONS
73	\hat{I} -Approximation Method for Non-convex Multiobjective Variational Problems. Numerical Functional Analysis and Optimization, 2017, 38, 1125-1142.	1.4	1
74	Exactness of the absolute value penalty function method for nonsmooth \hat{G} -inconvex optimization problems. International Transactions in Operational Research, 2019, 26, 1504-1526.	2.7	1
75	Comments on \hat{G} -Sufficiency and duality for multiobjective variational control problems with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll">\langle \text{mml:mi} \rangle G \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ -invexity \hat{G} -Computers and Mathematics with Applications 63. 838-850 (2012). Computers and Mathematics With Applications. 2014. 66, 2595-2596.	2.7	0
76	On G -invexity-type nonlinear programming problems. International Journal of Optimization and Control: Theories and Applications, 2015, 5, 13-20.	1.7	0
77	The exact absolute value penalty function method for identifying strict global minima of order m in nonconvex nonsmooth programming. Optimization Letters, 2016, 10, 1561-1576.	1.6	0
78	Optimality Conditions and Duality Results for a Class of Differentiable Vector Optimization Problems with the Multiple Interval-Valued Objective Function. , 2017, , .		0
79	Semi-infinite minimax fractional programming under $(\hat{I}, \hat{I}, \hat{V})$ -invexity and generalised $(\hat{I}, \hat{I}, \hat{V})$ -invexity. Optimality. International Journal of Operational Research, 2018, 31, 164.	0.2	0
80	The F -objective function method for differentiable interval-valued vector optimization problems. Journal of Industrial and Management Optimization, 2021, 17, 2761.	1.3	0
81	A new approximation approach to optimality and duality for a class of nonconvex differentiable vector optimization problems. Computational Management Science, 2021, 18, 49-71.	1.3	0
82	Vector Critical Points and Cone Efficiency in Nonsmooth Vector Optimization. Taiwanese Journal of Mathematics, 2021, 25, .	0.4	0
83	$\left(\Phi, \text{ho ight} \right)$ -MONOTONICITY AND GENERALIZED $\left(\Phi, \text{ho ight} \right)$ -MONOTONICITY. Taiwanese Journal of Mathematics, 2014, 18, .	0.4	0
84	Higher-order duality results for a new class of nonconvex nonsmooth multiobjective programming problems. Filomat, 2019, 33, 1619-1639.	0.5	0
85	HIGHER ORDER DUALITY FOR A NEW CLASS OF NONCONVEX SEMI-INFINITE MULTIOBJECTIVE FRACTIONAL PROGRAMMING WITH SUPPORT FUNCTIONS. Journal of Applied Analysis and Computation, 2020, 10, 2806-2825.	0.5	0
86	Optimality conditions for invex nonsmooth optimization problems with fuzzy objective functions. Fuzzy Optimization and Decision Making, 0, , 1.	5.5	0