

Elza Farkhi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

406
citations

840776

11
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Error estimates for discretized differential inclusions. <i>Computing (Vienna/New York)</i> , 1989, 41, 349-358.	4.8	88
2	Stability and Euler Approximation of One-sided Lipschitz Differential Inclusions. <i>SIAM Journal on Control and Optimization</i> , 1998, 36, 780-796.	2.1	59
3	Regularity and Integration of Set-Valued Maps Represented by Generalized Steiner Points. <i>Set-Valued and Variational Analysis</i> , 2007, 15, 185-207.	0.5	40
4	Discrete approximations, relaxation, and optimization of one-sided Lipschitzian differential inclusions in Hilbert spaces. <i>Journal of Differential Equations</i> , 2007, 243, 301-328.	2.2	37
5	Title is missing!. <i>Set-Valued and Variational Analysis</i> , 2001, 9, 217-245.	0.5	22
6	Spline subdivision schemes for convex compact sets. <i>Journal of Computational and Applied Mathematics</i> , 2000, 119, 133-144.	2.0	18
7	Moduli of smoothness of vector valued functions of a real variable and applications. <i>Numerical Functional Analysis and Optimization</i> , 1990, 11, 497-509.	1.4	17
8	Title is missing!. <i>Set-Valued and Variational Analysis</i> , 2001, 9, 247-272.	0.5	15
9	Set-Valued Approximations with Minkowski Averages $\hat{\infty}$ Convergence and Convexification Rates. <i>Numerical Functional Analysis and Optimization</i> , 2005, 25, 363-377.	1.4	15
10	The directed and Rubinov subdifferentials of quasidifferentiable functions, Part I: Definition and examples. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2012, 75, 1074-1088.	1.1	12
11	Fixed set iterations for relaxed Lipschitz multimaps. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2003, 53, 997-1015.	1.1	11
12	Approximations of Set-Valued Functions by Metric Linear Operators. <i>Constructive Approximation</i> , 2007, 25, 193-209.	3.0	11
13	The directed and Rubinov subdifferentials of quasidifferentiable functions, Part II: Calculus. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2012, 75, 1058-1073.	1.1	11
14	On Computing the Mordukhovich Subdifferential Using Directed Sets in Two Dimensions. <i>Springer Optimization and Its Applications</i> , 2010, , 59-93.	0.9	6
15	Discrete Approximations and Fixed Set Iterations in Banach Spaces. <i>SIAM Journal on Optimization</i> , 2007, 18, 895-906.	2.0	5
16	Metric approximation of set-valued functions of bounded variation. <i>Journal of Computational and Applied Mathematics</i> , 2019, 349, 251-264.	2.0	5
17	Directed Subdifferentiable Functions and the Directed Subdifferential Without Delta-Convex Structure. <i>Journal of Optimization Theory and Applications</i> , 2014, 160, 391-414.	1.5	4
18	From Quasidifferentiable to Directed Subdifferentiable Functions: Exact Calculus Rules. <i>Journal of Optimization Theory and Applications</i> , 2016, 171, 384-401.	1.5	3

#	ARTICLE	IF	CITATIONS
19	The Metric Integral of Set-Valued Functions. Set-Valued and Variational Analysis, 2018, 26, 867-885.	1.1	3
20	Multi-segmental representations and approximation of set-valued functions with 1D images. Journal of Approximation Theory, 2009, 159, 39-60.	0.8	2
21	Approximation of 3D objects by piecewise linear geometric interpolants of their 1D cross-sections. Journal of Computational and Applied Mathematics, 2020, 368, 112466.	2.0	2
22	Discrete Filippov-Type Stability for One-Sided Lipschitzian Difference Inclusions. Lecture Notes in Economics and Mathematical Systems, 2018, , 27-55.	0.3	1
23	Metric Fourier Approximation of Set-Valued Functions of Bounded Variation. Journal of Fourier Analysis and Applications, 2021, 27, 1.	1.0	1
24	Approximation of set-valued functions with compact imagesâ€™-an overview. , 0, , .		0
25	High-Order Approximation of Set-Valued Functions. Constructive Approximation, 0, , .	3.0	0