

Vladimir Protopopescu

List of Publications by Year in descending order

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14
papers

400
citations

1163117

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1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	TRUST: A Deterministic Algorithm for Global Optimization. Science, 1997, 276, 1094-1097.	12.6	172
2	Calculating Frequency at Loads in Simulations of Electro-Mechanical Transients. IEEE Transactions on Smart Grid, 2012, 3, 233-240.	9.0	70
3	Nonlinear statistics reveals stronger ties between ENSO and the tropical hydrological cycle. Geophysical Research Letters, 2006, 33, .	4.0	50
4	Optimal control of boundary habitat hostility for interacting species. Mathematical Methods in the Applied Sciences, 1999, 22, 1061-1077.	2.3	36
5	OPTIMAL CONTROL THEORY APPLIED TO A DIFFERENCE EQUATION MODEL FOR CARDIOPULMONARY RESUSCITATION. Mathematical Models and Methods in Applied Sciences, 2005, 15, 1519-1531.	3.3	18
6	Optimal control of continuous systems with impulse controls. Optimal Control Applications and Methods, 2015, 36, 535-549.	2.1	18
7	Generalized TRUST Algorithms for Global Optimization. Nonconvex Optimization and Its Applications, 1996, , 163-180.	0.1	12
8	A New Model of Frequency Delay in Power Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2012, 59, 840-844.	3.0	10
9	Identification problem for the wave equation with Neumann data input and Dirichlet data observations. Nonlinear Analysis: Theory, Methods & Applications, 2003, 52, 1777-1795.	1.1	7
10	Non-Lipschitzian control algorithms: application to a nanofriction model. Mathematical Methods in the Applied Sciences, 2006, 29, 249-266.	2.3	3
11	Identification of Neutron Sources by Spectral Analysis of Pulse Height Distributions. IEEE Transactions on Nuclear Science, 2009, 56, 2796-2801.	2.0	3
12	Discrete sensing and actuation in a simulation of frequency responsive loads. , 2012, , .		1
13	RECOVERING THE POTENTIAL IN THE SCHRÖDINGER EQUATION FROM THE N-D MAP. , 2002, , .		0
14	Optimal control of continuous systems with impulse controls. Optimal Control Applications and Methods, 2022, 43, 588-588.	2.1	0