

Marco C Campi

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

735
citations

840776

11
h-index

752698

20
g-index

35
all docs

35
docs citations

35
times ranked

404
citing authors

#	ARTICLE	IF	CITATIONS
1	The risk of making decisions from data through the lens of the scenario approach. IFAC-PapersOnLine, 2021, 54, 607-612.	0.9	11
2	A Theory of the Risk for Empirical CVaR with Application to Portfolio Selection. Journal of Systems Science and Complexity, 2021, 34, 1879-1894.	2.8	5
3	On the consistency of the risk evaluation in the scenario approach. , 2021, , .		1
4	The wait-and-judge scenario approach applied to antenna array design. Computational Management Science, 2019, 16, 481-499.	1.3	9
5	Complexity-based modulation of the data-set in scenario optimization. , 2019, , .		7
6	Learning for Control: a Bayesian Scenario Approach. , 2019, , .		3
7	Scenario Optimization for MPC. Control Engineering, 2019, , 445-463.	0.3	4
8	Expected shortfall: Heuristics and certificates. European Journal of Operational Research, 2018, 267, 1003-1013.	5.7	15
9	Finite-Sample System Identification: An Overview and a New Correlation Method. , 2018, 2, 61-66.		46
10	A New Classification Algorithm With Guaranteed Sensitivity and Specificity for Medical Applications. , 2018, 2, 393-398.		21
11	A Coverage Theory for Least Squares. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2017, 79, 1367-1389.	2.2	8
12	Undermodelling Detection with Sign-Perturbed Sums * *The work of A. Carlini was supported by the European Re-search Consortium for Informatics and Mathematics (ERCIM) and the Australian Research Council (ARC) under Discovery Grant DP130104028. The work of M.C. Campi was partly supported by MIUR - Ministero dell'Istruzione, dell'Università e della Ricerca and by the H & W program of the University of Brescia under the project CLAFITE. The work of B. Cs. Csáji was supported by the GINOP-2.3.2-15-2016-00002 grant. IFAC-PapersOnLine, 2017, 50, 2744-2749.	0.9	2
13	Ventricular defibrillation: Classification with G.E.M. and a roadmap for future investigations. , 2017, , .		5
14	Sign-Perturbed Sums (SPS) with asymmetric noise: Robustness analysis and robustification techniques. , 2016, , .		2
15	Strong consistency of the Sign-Perturbed Sums method. , 2014, , .		4
16	FAST – Fast Algorithm for the Scenario Technique. Operations Research, 2014, 62, 662-671.	1.9	41
17	Non-Asymptotic Confidence Regions for the Least-Squares Estimate. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 227-232.	0.4	17
18	CERTIFIED SYSTEM IDENTIFICATION towards distribution-free results. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 245-255.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Sign-perturbed sums (SPS): A method for constructing exact finite-sample confidence regions for general linear systems. , 2012, , .		8
20	Randomized min-max optimization: The exact risk of multiple cost levels. , 2011, , .		3
21	State estimation algorithms with guaranteed confidence intervals for first order systems. , 2011, , .		2
22	Classification with guaranteed probability of error. Machine Learning, 2010, 80, 63-84.	5.4	28
23	Non-Asymptotic Confidence Sets for the Parameters of Linear Transfer Functions. IEEE Transactions on Automatic Control, 2010, 55, 2708-2720.	5.7	39
24	Finite sample properties of system identification with quantized output data. , 2009, , .		15
25	Adaptation and the effort needed to adapt. , 2009, , .		1
26	The scenario approach for systems and control design. Annual Reviews in Control, 2009, 33, 149-157.	7.9	302
27	Non-asymptotic confidence regions for model parameters in the presence of unmodelled dynamics. Automatica, 2009, 45, 2175-2186.	5.0	22
28	Notes on the Scenario Design Approach. IEEE Transactions on Automatic Control, 2009, 54, 382-385.	5.7	27
29	A randomised subsampling method for change detectio. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 289-294.	0.4	2
30	Modulating robustness in robust control: Making it easy through randomization. , 2007, , .		3
31	Parameter identification for nonlinear systems: Guaranteed confidence regions through LSCR. Automatica, 2007, 43, 1418-1425.	5.0	26
32	IDENTIFICATION WITH FINITELY MANY DATA POINTS: THE LSCR APPROACH. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 46-64.	0.4	10
33	Non-asymptotic confidence sets for input-output transfer functions. , 2006, , .		4
34	The problem of pole-zero cancellation in transfer function identification and application to adaptive stabilization. Automatica, 1996, 32, 849-857.	5.0	26
35	Adaptive control of nonâ€minimum phase systems. International Journal of Adaptive Control and Signal Processing, 1995, 9, 137-149.	4.1	11