

# Marco C Campi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11713999/publications.pdf>

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 scenario approach for systems and control design. Annual Reviews in Control, 2009, 33, 149-157.	7.9	302
2	Finite-Sample System Identification: An Overview and a New Correlation Method. , 2018, 2, 61-66.		46
3	FAST"Fast Algorithm for the Scenario Technique. Operations Research, 2014, 62, 662-671.	1.9	41
4	Non-Asymptotic Confidence Sets for the Parameters of Linear Transfer Functions. IEEE Transactions on Automatic Control, 2010, 55, 2708-2720.	5.7	39
5	Classification with guaranteed probability of error. Machine Learning, 2010, 80, 63-84.	5.4	28
6	Notes on the Scenario Design Approach. IEEE Transactions on Automatic Control, 2009, 54, 382-385.	5.7	27
7	The problem of pole-zero cancellation in transfer function identification and application to adaptive stabilization. Automatica, 1996, 32, 849-857.	5.0	26
8	Parameter identification for nonlinear systems: Guaranteed confidence regions through LSCR. Automatica, 2007, 43, 1418-1425.	5.0	26
9	Non-asymptotic confidence regions for model parameters in the presence of unmodelled dynamics. Automatica, 2009, 45, 2175-2186.	5.0	22
10	A New Classification Algorithm With Guaranteed Sensitivity and Specificity for Medical Applications. , 2018, 2, 393-398.		21
11	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
12	Finite sample properties of system identification with quantized output data. , 2009, , .		15
13	Expected shortfall: Heuristics and certificates. European Journal of Operational Research, 2018, 267, 1003-1013.	5.7	15
14	Adaptive control of non"minimum phase systems. International Journal of Adaptive Control and Signal Processing, 1995, 9, 137-149.	4.1	11
15	The risk of making decisions from data through the lens of the scenario approach. IFAC-PapersOnLine, 2021, 54, 607-612.	0.9	11
16	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
17	The wait-and-judge scenario approach applied to antenna array design. Computational Management Science, 2019, 16, 481-499.	1.3	9
18	Sign-perturbed sums (SPS): A method for constructing exact finite-sample confidence regions for general linear systems. , 2012, , .		8

#	ARTICLE	IF	CITATIONS
19	A Coverage Theory for Least Squares. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2017, 79, 1367-1389.	2.2	8
20	Complexity-based modulation of the data-set in scenario optimization. , 2019, , .		7
21	CERTIFIED SYSTEM IDENTIFICATION towards distribution-free results. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 245-255.	0.4	5
22	Ventricular defibrillation: Classification with G.E.M. and a roadmap for future investigations. , 2017, , .		5
23	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
24	Non-asymptotic confidence sets for input-output transfer functions. , 2006, , .		4
25	Strong consistency of the Sign-Perturbed Sums method. , 2014, , .		4
26	Scenario Optimization for MPC. Control Engineering, 2019, , 445-463.	0.3	4
27	Modulating robustness in robust control: Making it easy through randomization. , 2007, , .		3
28	Randomized min-max optimization: The exact risk of multiple cost levels. , 2011, , .		3
29	Learning for Control: a Bayesian Scenario Approach. , 2019, , .		3
30	A randomised subsampling method for change detectio. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 289-294.	0.4	2
31	State estimation algorithms with guaranteed confidence intervals for first order systems. , 2011, , .		2
32	Sign-Perturbed Sums (SPS) with asymmetric noise: Robustness analysis and robustification techniques. , 2016, , .		2
33	Undermodelling Detection with Sign-Perturbed Sums * *The work of A. CarÅ 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'ÄIstruzione, dell'ÄUniversitÄ e della Ricerca and by the H & W program of the University of Brescia under the project CLAFITE. The work of B. Cs. CsÅiii was supported by the GINOP-2.3.2-15-2016-00002 grant. IFAC-PapersOnLine, 2017, 50, 2744-2749.	0.9	2
34	Adaptation and the effort needed to adapt. , 2009, , .		1
35	On the consistency of the risk evaluation in the scenario approach. , 2021, , .		1