

Grzegorz Mzyk

List of Publications by Year in descending order

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31
papers

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1040056

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18
g-index

34
all docs

34
docs citations

34
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Parametric-Nonparametric Identification of Hammerstein Systems. IEEE Transactions on Automatic Control, 2004, 49, 1370-1375.	5.7	54
2	Hammerstein system identification by non-parametric instrumental variables. International Journal of Control, 2009, 82, 440-455.	1.9	44
3	Kernel-based identification of Wiener-Hammerstein system. Automatica, 2017, 83, 275-281.	5.0	42
4	Combined Parametric-Nonparametric Identification of Block-Oriented Systems. Lecture Notes in Control and Information Sciences, 2014, , .	1.0	34
5	A Censored Sample Mean Approach to Nonparametric Identification of Nonlinearities in Wiener Systems. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2007, 54, 897-901.	2.2	30
6	Nonlinearity Recovering in Hammerstein System from Short Measurement Sequence. IEEE Signal Processing Letters, 2009, 16, 762-765.	3.6	29
7	Direct identification of the linear block in Wiener system. International Journal of Adaptive Control and Signal Processing, 2016, 30, 93-105.	4.1	26
8	Generalized Kernel Regression Estimate for the Identification of Hammerstein Systems. International Journal of Applied Mathematics and Computer Science, 2007, 17, 189-197.	1.5	14
9	Wiener system identification by input injection method. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1105-1119.	4.1	11
10	Parametric Versus Nonparametric Approach to Wiener Systems Identification. Lecture Notes in Control and Information Sciences, 2010, , 111-125.	1.0	9
11	Wiener-Hammerstein system identification with non-Gaussian input. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 106-111.	0.4	8
12	Nonlinear system identification under various prior knowledge. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 7849-7858.	0.4	6
13	Semiparametric Approach to Hammerstein System Identification. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1680-1685.	0.4	6
14	Instrumental variables for nonlinearity recovering in block-oriented systems driven by correlated signals. International Journal of Systems Science, 2015, 46, 246-254.	5.5	6
15	Nonparametric instrumental variables for identification of block-oriented systems. International Journal of Applied Mathematics and Computer Science, 2013, 23, 521-537.	1.5	5
16	Multi-Level Identification of Hammerstein-Wiener Systems. IFAC-PapersOnLine, 2019, 52, 174-179.	0.9	4
17	Mixed parametric-nonparametric identification of Hammerstein and Wiener systems - a survey. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 464-469.	0.4	3
18	Kernel Identification of Non-Linear Systems with General Structure. Algorithms, 2020, 13, 328.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Multistage identification of an N-L-N Hammerstein-Wiener system. , 2017, , .		2
20	Nonparametric Tracking for Time-Varying Nonlinearities Using the Kernel Method. Lecture Notes in Networks and Systems, 2022, , 79-87.	0.7	2
21	Fast model order selection of the nonlinearity in hammerstein systems. , 2012, , .		1
22	Model Selection of Hammerstein System Nonlinearity under Heavy Noise. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 378-383.	0.4	1
23	Quasi-parametric Recovery of Hammerstein System Nonlinearity by Smart Model Selection. Lecture Notes in Computer Science, 2010, , 34-41.	1.3	1
24	Multistage identification of Wiener-Hammerstein system. Advances in Intelligent Systems and Computing, 2017, , 527-535.	0.6	1
25	Identification of linear block in Wiener system with nonparametric nonlinearity. IFAC-PapersOnLine, 2015, 48, 608-613.	0.9	0
26	Identification of Complex Systems with the use of Interconnected Hammerstein Models. Procedia Engineering, 2017, 178, 384-393.	1.2	0
27	Efficient Identification of Hammerstein Systems by Two-Level Optimization with Decomposition. , 2018, , .		0
28	Hybrid Identification of L-N-L and N-L-N Systems. , 2018, , .		0
29	Multistage Hammerstein "Wiener System Identification with the Help of Binary Excitation. Lecture Notes in Networks and Systems, 2018, , 476-484.	0.7	0
30	Nonparametric System Identification Matlab Toolbox. , 2019, , .		0
31	Identification of the Heating Process in Differential Scanning Calorimeter with the Use of Hammerstein Model. , 2020, , .		0