

Krzysztof Bartecki

List of Publications by Year in descending order

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29
papers

97
citations

1684188

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1588992

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30
all docs

30
docs citations

30
times ranked

34
citing authors

#	ARTICLE	IF	CITATIONS
1	An Approximate Transfer Function Model for a Double-Pipe Counter-Flow Heat Exchanger. Energies, 2021, 14, 4174.	3.1	0
2	Rational Transfer Function Model for a Double-Pipe Parallel-Flow Heat Exchanger. Symmetry, 2020, 12, 1212.	2.2	1
3	Rational Transfer Function Approximation Model for 2-Dimensional Hyperbolic Systems with Collocated Boundary Inputs. Advances in Intelligent Systems and Computing, 2020, , 56-67.	0.6	0
4	Key Performance Indicators as a Tool for Production Process Assessment – Part II: Industrial Research. , 2020, 24, 19-28.	0.1	1
5	Approximation state-space model for 2-D hyperbolic systems with collocated boundary inputs. , 2019, , .		2
6	Development of a Decision Support Tool for Intelligent Manufacturing using Classification and Correlation Analysis. , 2019, , .		3
7	Key performance indicators as a tool for production process assessment - part I: theoretical research. , 2018, 22, 5-13.	0.1	2
8	Transfer function models for distributed parameter systems: Application in pipeline diagnosis. , 2016, , .		2
9	Transfer Function Representation. Studies in Systems, Decision and Control, 2016, , 43-75.	1.0	0
10	Constant Steady-State Analysis. Studies in Systems, Decision and Control, 2016, , 77-88.	1.0	0
11	Modeling and Analysis of Linear Hyperbolic Systems of Balance Laws. Studies in Systems, Decision and Control, 2016, , .	1.0	4
12	PCA-Based Approximation. Studies in Systems, Decision and Control, 2016, , 107-126.	1.0	0
13	Time-Domain Representation. Studies in Systems, Decision and Control, 2016, , 89-106.	1.0	0
14	Hyperbolic Systems of Balance Laws. Studies in Systems, Decision and Control, 2016, , 7-22.	1.0	0
15	Conclusions and Future Works. Studies in Systems, Decision and Control, 2016, , 127-129.	1.0	0
16	State-Space Representation. Studies in Systems, Decision and Control, 2016, , 23-42.	1.0	0
17	State-space representations for 2-D hyperbolic systems with boundary inputs. , 2015, , .		2
18	Abstract State-Space Models for a Class of Linear Hyperbolic Systems of Balance Laws. Reports on Mathematical Physics, 2015, 76, 339-358.	0.8	3

#	ARTICLE	IF	CITATIONS
19	Transfer function-based analysis of the frequency-domain properties of a double pipe heat exchanger. Heat and Mass Transfer, 2015, 51, 277-287.	2.1	12
20	Spatio-temporal responses of a class of 2×2 hyperbolic systems. , 2014, , .		2
21	Computation of transfer function matrices for 2×2 strongly coupled hyperbolic systems of balance laws. , 2013, , .		7
22	Steady-state analysis for a class of hyperbolic systems with boundary inputs. Archives of Control Sciences, 2013, 23, 295-310.	1.7	1
23	A general transfer function representation for a class of hyperbolic distributed parameter systems. International Journal of Applied Mathematics and Computer Science, 2013, 23, 291-307.	1.5	22
24	A transfer function representation for a class of hyperbolic systems. , 2012, , .		1
25	Neural Network-Based PCA: An Application to Approximation of a Distributed Parameter System. Lecture Notes in Computer Science, 2012, , 3-11.	1.3	5
26	PCA-based approximation of a class of distributed parameter systems: classical vs. neural network approach. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2012, 60, 651-660.	0.8	7
27	Approximation of a class of distributed parameter systems using proper orthogonal decomposition. , 2011, , .		5
28	On some peculiarities of neural network approximation applied to the inverse kinematics problem. , 2010, , .		6
29	Frequency- and Time-Domain Analysis of a Simple Pipeline System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 366-371.	0.4	9