Wojciech Mitkowski

List of Publications by Year
in descending order

20 papers	**172** citations	1307594 **7** h-index	1199594 **12** g-index
23 all docs	**23** docs citations	**23** times ranked	**75** citing authors

#	Article	IF	Citations
1	Selected Engineering Applications of Fractional-Order Calculus. Studies in Systems, Decision and Control, 2022, , 333-359.	1.0	1
2	Modeling of Thermal Traces Using Fractional Order, a Discrete, Memory-Efficient Model. Energies, 2022, 15, 2257.	3.1	2
3	Fractional Order Model of the Two Dimensional Heat Transfer Process. Energies, 2021, 14, 6371.	3.1	10
4	Exponential Stability for a Class of Fractional Order Dynamic Systems. Lecture Notes in Electrical Engineering, 2020, , 174-188.	0.4	0
5	Parameter identification for the fractional order, state space model of heat transfer process using Atangana-Baleanu operator. , 2019, , .		1
6	Parameter Identification for Non Integer Order, Discrete, State Space Model of Heat Transfer Process Using CFE Approximation. , 2018, , .		0
7	A Memory–Efficient Noninteger–Order Discrete–Time State–Space Model of a Heat Transfer Process. International Journal of Applied Mathematics and Computer Science, 2018, 28, 649-659.	1.5	17
8	Discrete-time feedback stabilization. Archives of Control Sciences, 2017, 27, 309-322.	1.7	7
9	The PLC Implementation of Fractional-Order Operator Using CFE Approximation. Advances in Intelligent Systems and Computing, 2017, , 22-33.	0.6	10
10	Stability Analysis of a Series of Cars Driving in Adaptive Cruise Control Mode. Advances in Intelligent Systems and Computing, 2017, , 168-177.	0.6	2
11	An Accuracy Estimation for a Non Integer Order, Discrete, State Space Model of Heat Transfer Process. Advances in Intelligent Systems and Computing, 2017, , 86-98.	0.6	6
12	Modeling heat distribution with the use of a non-integer order, state space model. International Journal of Applied Mathematics and Computer Science, 2016, 26, 749-756.	1.5	19
13	Parameter identification for non integer order, state space models of heat plant. , 2016, , .		14
14	An Estimation of Accuracy of Oustaloup Approximation. Advances in Intelligent Systems and Computing, 2016, , 299-307.	0.6	12
15	Application of fractional order transfer functions to modeling of high — Order systems. , 2015, , .		11
16	The Comparison of Parameter Identification Methods for Fractional, Partial Differential Equation. Solid State Phenomena, 2013, 210, 265-270.	0.3	25
17	Ergodic theory approach to chaos: Remarks and computational aspects. International Journal of Applied Mathematics and Computer Science, 2012, 22, 259-267.	1.5	7
18	Stepped basic function in the asymptotic homogenization of an elliptic system. Automatyka/Automatics, 2012, 16, 45.	0.1	1

#	Article	IF	Citations
19	Simple Identification of Fractional Differential Equation. Solid State Phenomena, 2011, 180, 331-338.	0.3	22
20	Comparative Analysis of DC Motor Control System. Applied Mechanics and Materials, 0, 817, 111-121.	0.2	2