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List of Publications by Year
in descending order

20 papers	**130** citations	1307594 **7** h-index	1281871 **11** g-index
20 all docs	**20** docs citations	**20** times ranked	**113** citing authors

#	Article	IF	Citations
1	Dealing with Low Quality Images in Railway Obstacle Detection System. Applied Sciences (Switzerland), 2022, 12, 3041.	2.5	3
2	Generalized cascade orthogonal filters based on symmetric bilinear transformation with application to modeling of dynamic systems. Filomat, 2018, 32, 4275-4284.	0.5	0
3	Time Series Forecasting With Orthogonal Endocrine Neural Network Based on Postsynaptic Potentials. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	1.6	4
4	The Probability of Stability Estimation of an Arbitrary Order DPCM Prediction Filter: Comparison between the Classical Approach and the Monte Carlo Method. Information Technology and Control, 2017, 46, .	2.1	0
5	Neural Network Based on Orthogonal Polynomials Applied in Magnetic Levitation System Control. Elektronika Ir Elektrotechnika, 2017, 23, .	0.8	7
6	Sliding Mode Based Anti-Lock Braking System Control. Studies in Systems, Decision and Control, 2016, , 557-580.	1.0	1
7	Adaptive PID control based on orthogonal endocrine neural networks. Neural Networks, 2016, 84, 80-90.	5.9	26
8	Quasi-Sliding Mode Control With Orthogonal Endocrine Neural Network-Based Estimator Applied in Anti-Lock Braking System. IEEE/ASME Transactions on Mechatronics, 2016, 21, 754-764.	5.8	33
9	Application of neural networks with orthogonal activation functions in control of dynamical systems. International Journal of Electronics, 2016, 103, 667-685.	1.4	8
10	Design of generalised orthogonal filters: application to the modelling of dynamical systems. International Journal of Electronics, 2016, 103, 269-280.	1.4	6
11	Robustness of the Prediction Filter in Differential Pulse Code Modulation System. Elektronika Ir Elektrotechnika, 2016, 22, .	0.8	0
12	Modeling of Dynamic Systems Using Orthogonal Endocrine Adaptive Neuro-Fuzzy Inference Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2015, 137, .	1.6	7
13	Input data preprocessing method for exchange rate forecasting via neural network. Serbian Journal of Electrical Engineering, 2014, 11, 597-608.	0.4	0
14	Modelling, simulation and validation of the industrial robot. Tehnika, 2014, 69, 96-103.	0.2	0
15	On a new class of quasi-orthogonal filters. International Journal of Electronics, 2013, 100, 1361-1372.	1.4	10
16	Simulation Model of Magnetic Levitation Based on NARX Neural Networks. International Journal of Intelligent Systems and Applications, 2013, 5, 25-32.	1.1	8
17	Fuzzy sliding mode control for anti-lock braking systems. , 2012, , .		4
18	General concept of orthogonality applied in technical systems. , 2012, , .		0

#	Article	IF	Citations
19	Input-output based quasi-sliding mode control of DC-DC converter. Facta Universitatis - Series Electronics and Energetics, 2012, 25, 69-80.	0.9	10
20	Optimal fuzzy sliding mode control with a time-varying sliding surface. , 2010, , .		3