M A Fkirin

List of Publications by Year
in descending order

39 papers	368 citations	1307594 7 h-index	839539 18 g-index
39 all docs	39 docs citations	39 times ranked	374 citing authors

#	Article	IF	Citations
1	Digital filters applications on aeromagnetic data for identification of hidden objects. Bulletin of Engineering Geology and the Environment, 2021, 80, 2845-2858.	3.5	1
2	Adaptive Fuzzy Predictive Controller for a Class of Networked Nonlinear Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2018, 26, 2135-2144.	9.8	80
3	Design of Adaptive Fuzzy Control for a Class of Networked Nonlinear Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	1.6	20
4	Time-Varying Delay Compensation for a Class of Nonlinear Control Systems Over Network via H_{∞} Adaptive Fuzzy Controller. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2114-2124.	9.3	116
5	Quantitative optimisation of MRI contrast agent dose using response surface modelling. International Journal of Biomedical Engineering and Technology, 2016, 22, 58.	0.2	0
6	Seismic Refraction Method to Study Subsoil Structure. Journal of Geology & Geophysics, 2016, 5, .	0.1	3
7	Dynamic path planning and decentralized FLC path following implementation for WMR based on visual servoing. , 2016, , .		5
8	Practical Design of a Path Following for a Non-holonomic Mobile Robot Based on a Decentralized Fuzzy Logic Controller and Multiple Cameras. Arabian Journal for Science and Engineering, 2016, 41, 3215-3229.	1.1	11
9	Practical path planning and path following for a non-holonomic mobile robot based on visual servoing. , 2016, , .		4
10	MULTIMODALITY COMPARATIVE STUDY: QUANTITATIVE ASSESSMENT OF MRI CONTRAST AGENT DOSE REDUCTION. Biomedical Engineering - Applications, Basis and Communications, 2016, 28, 1650001.	0.6	0
11	Embedded system based on a real time fuzzy motor speed controller. Ain Shams Engineering Journal, 2014, 5, 399-409.	6.1	13
12	Design and FPGA-implementation of an improved adaptive fuzzy logic controller for DC motor speed control. Ain Shams Engineering Journal, 2014, 5, 803-816.	6.1	24
13	A Proposed Method to Measure Sub Pixel Shift in Egyptsat-1 Aliased Images. International Journal of Computer Applications, 2014, 95, 4-10.	0.2	5
14	Speed control of DC motor using PID controller based on artificial intelligence techniques. , 2013, , .		43
15	C25. Accuracy Analysis of Phase Correlation Shift Measurement Methods Applied to Egyptsat-1 Satellite. , 2013, , .		1
16	K7. Retinal Blood Vessel Image Segmentation using Rotating Filtration to Help in Early Diagnosis and Management Diabetic Retinopathy. , 2013, , .		1
17	Subpixel Accuracy Analysis of Phase Correlation Shift Measurement Methods Applied to Satellite Imagery. International Journal of Advanced Computer Science and Applications, 2012, 3, .	0.7	5
18	Change Detection Using Neural Network with Improvement Factor in Satellite Images. American Journal of Environmental Sciences, 2009, 5, 706-713.	0.5	7

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19	Prediction of time‑varying dynamic processes. International Journal of Quality and Reliability Management, 1997, 14, 505-511.	2.0	8
20	Optimization of econometric dynamic systems. International Journal of Systems Science, 1994, 25, 2319-2328.	5.5	0
21	TASK ASSIGNMENT IN DISTRIBUTED PROCESS CONTROL COMPUTER SYSTEMS. Cybernetics and Systems, 1993, 24, 635-651.	2.5	0
22	DYNAMIC PROGRAMMING FOR OPTIMALITY IDENTIFICATION OF PRODUCTION SYSTEMS. Cybernetics and Systems, 1993, 24, 457-471.	2.5	0
23	Linear programming in the forecasting of optimal dynamic systems. International Journal of Systems Science, 1993, 24, 2229-2237.	5.5	0
24	Forecasting of economic dynamic systems. International Journal of Systems Science, 1991, 22, 2685-2689.	5.5	0
25	IDENTIFICATION OF DYNAMIC PROCESSES AT VARIOUS SYSTEM TIME CONSTANTS. Cybernetics and Systems, 1991, 22, 349-356.	2.5	1
26	FORECASTING AGRICULTURAL ECONOMIC SYSTEMS. Cybernetics and Systems, 1991, 22, 17-24.	2.5	0
27	Stability of dynamic models obtained by ARMAX lattice predictor. International Journal of Systems Science, 1990, 21, 783-788.	5.5	0
28	ARMAX lattice algorithm for identification and prediction of dynamic systems. International Journal of Systems Science, 1990, 21, 771-781.	5.5	2
29	Fixed-point smoothing in the flow prediction of widely varying catchment dynamics. International Journal of Systems Science, 1990, 21, 2029-2035.	5.5	1
30	On-line time-varying river-flow prediction. International Journal of Systems Science, 1989, 20, 1227-1232.	5.5	0
31	IDENTIFICATION OF STOCHASTIC PROCESSES IN PRESENCE OF INPUT NOISE. Cybernetics and Systems, 1989, 20, 489-500.	2.5	0
32	Fixed-interval smoother in the identification of time-varying dynamics. International Journal of Systems Science, 1989, 20, 2267-2273.	5.5	1
33	Choice of least-squares algorithms for the identification of ARM AX dynamic systems. International Journal of Systems Science, 1989, 20, 1221-1226.	5.5	7
34	On-line Identification of Time-varying Processes at Various Signal-to-Noise Ratios. IMA Journal of Mathematical Control and Information, 1988, 5, 309-313.	1.7	0
35	Identification of MIMO time-varying stochastic systems with unknown dead times. International Journal of Systems Science, 1987, 18, 1259-1277.	5.5	3
36	GENERATION OF NORMALLY DISTRIBUTED RANDOM SEQUENCES IN STOCHASTIC DYNAMIC MODELS. Cybernetics and Systems, 1987, 18, 299-303.	2.5	1

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37	Fixed-lag smoothing in the identification of time-varying systems with unknown dead time. International Journal of Systems Science, 1985, 16, 1313-1334.	5.5	4
38	On the stability of time-varying models obtained by extended recursive least-squares identification. International Journal of Systems Science, 1985, 16, 1555-1558.	5.5	1
39	Adaptive equalization for time-varying communication processes. , 0, , .		0