AntÃ´nio JosÃ© Da Silva Neto

List of Publications by Year
in descending order

16 papers	221 citations	1478505 6 h-index	1588992 8 g-index
16 all docs	16 docs citations	16 times ranked	208 citing authors

#	Article	IF	Citations
1	Optimizing kernel methods to reduce dimensionality in fault diagnosis of industrial systems. Computers and Industrial Engineering, 2015, 87, 140-149.	6.3	52
2	An Introduction to Inverse Problems with Applications. , 2013, , .		43
3	An approach to fault diagnosis with online detection of novel faults using fuzzy clustering tools. Expert Systems With Applications, 2018, 113, 200-212.	7.6	40
4	The fault diagnosis inverse problem with Ant Colony Optimization and Ant Colony Optimization with dispersion. Applied Mathematics and Computation, 2014, 227, 687-700.	2.2	27
5	An approach to robust fault diagnosis in mechanical systems using computational intelligence. Journal of Intelligent Manufacturing, 2019, 30, 1601-1615.	7.3	19
6	Fault Diagnosis Inverse Problems: Solution with Metaheuristics. Studies in Computational Intelligence, 2019, , .	0.9	14
7	Estimation of a contaminant source in an estuary with an inverse problem approach. Applied Mathematics and Computation, 2015, 260, 331-341.	2.2	8
8	Constructal Design of Double-T Shaped Cavity with Stochastic Methods Luus-Jaakola and Simulated Annealing. Defect and Diffusion Forum, 0, 370, 152-161.	0.4	8
9	Evaluation of a Differential Evolution/Constructal Design Algorithm for Geometrical Optimization of Double T-Shaped Cavity Intruded into a Heat Generating Wall. Defect and Diffusion Forum, 2019, 396, 145-154.	0.4	3
10	Inverse Analysis of a New Anomalous Diffusion Model Employing Maximum Likelihood and Bayesian Estimation. , 2016, , 89-104.		3
11	An approach for fault diagnosis using a novel hybrid fuzzy clustering algorithm. , 2018, , .		1
12	A Proposal of Hybrid Fuzzy Clustering Algorithm with Application in Condition Monitoring of Industrial Processes. Studies in Fuzziness and Soft Computing, 2019, , 3-30.	0.8	1
13	Direct and Inverse Problems for a Fourth Order Anomalous Diffusion Model. Defect and Diffusion Forum, 0, 399, 55-64.	0.4	1
14	Diagnosing Time-Dependent Incipient Faults. , 2016, , 47-62.		1
15	Solution of Fourth Order Diffusion Equations and Analysis Using the Second Moment. Defect and Diffusion Forum, 0, 399, 10-20.	0.4	0
16	A Proposal of On-Line Detection of New Faults and Automatic Learning in Fault Diagnosis. Studies in Fuzziness and Soft Computing, 2018, , 99-118.	0.8	0