Taous Meriem Laleg-kirati

List of Publications by Year
in descending order

171 papers	1,423 citations	393982 19 h-index	454577 30 g-index
173 all docs	173 docs citations	173 times ranked	831 citing authors

#	Article	IF	Citations
1	Dynamic modeling and experimental validation for direct contact membrane distillation (DCMD) process. Desalination, 2016, 384, 1-11.	4.0	64
2	Fractional Order Differentiation by Integration and Error Analysis in Noisy Environment. IEEE Transactions on Automatic Control, 2015, 60, 2945-2960.	3.6	60
3	Robust fractional order differentiators using generalized modulating functions method. Signal Processing, 2015, 107, 395-406.	2.1	53
4	An algebraic fractional order differentiator for a class of signals satisfying a linear differential equation. Signal Processing, 2015, 116, 78-90.	2.1	46
5	High-order sliding mode observer for fractional commensurate linear systems with unknown input. Automatica, 2017, 82, 209-217.	3.0	46
6	Non-asymptotic state estimation for a class of linear time-varying systems with unknown inputs. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 3732-3738.	0.4	43
7	Analysis of direct contact membrane distillation based on a lumped-parameter dynamic predictive model. Desalination, 2017, 402, 50-61.	4.0	39
8	Adaptive observer for nonlinear fractionalâ€order systems. International Journal of Adaptive Control and Signal Processing, 2017, 31, 314-331.	2.3	37
9	Robust fractional-order proportional-integral observer for synchronization of chaotic fractional-order systems. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 268-277.	8.5	37
10	Modulating Functions Based Algorithm for the Estimation of the Coefficients and Differentiation Order for a Space-Fractional Advection-Dispersion Equation. SIAM Journal of Scientific Computing, 2015, 37, A2813-A2839.	1.3	34
11	Semi-classical signal analysis. Mathematics of Control, Signals, and Systems, 2013, 25, 37-61.	1.4	33
12	Fractional-Order SEIQRDP Model for Simulating the Dynamics of COVID-19 Epidemic. IEEE Open Journal of Engineering in Medicine and Biology, 2020, 1, 249-256.	1.7	32
13	Parameters and fractional differentiation orders estimation for linear continuous-time non-commensurate fractional order systems. Systems and Control Letters, 2018, 115, 26-33.	1.3	31
14	Central Blood Pressure Estimation From Distal PPG Measurement Using Semiclassical Signal Analysis Features. IEEE Access, 2021, 9, 44963-44973.	2.6	30
15	Localization and Tracking Control Using Hybrid Acousticâ€"Optical Communication for Autonomous Underwater Vehicles. IEEE Internet of Things Journal, 2020, 7, 10048-10060.	5.5	28
16	Identification of fractional order systems using modulating functions method. , 2013, , .		23
17	Establishing and Maintaining a Reliable Optical Wireless Communication in Underwater Environment. IEEE Access, 2021, 9, 62519-62531.	2.6	23
18	Modulating functions-based method for parameters and source estimation in one-dimensional partial differential equations. Inverse Problems in Science and Engineering, 2017, 25, 1191-1215.	1.2	22

#	ARTICLE	IF	CITATIONS
19	Arterial blood pressure analysis based on scattering transform I. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5326-9.	0.5	21
20	Optimal model-free control of solar thermal membrane distillation system. Computers and Chemical Engineering, 2020, 133, 106622.	2.0	21
21	Validation of a Semi-Classical Signal Analysis Method for Stroke Volume Variation Assessment: A Comparison with the PiCCO Technique. Annals of Biomedical Engineering, 2010, 38, 3618-3629.	1.3	20
22	Separation of arterial pressure into a nonlinear superposition of solitary waves and a windkessel flow. Biomedical Signal Processing and Control, 2007, 2, 163-170.	3.5	19
23	Sufficient conditions for uniform exponential stability and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e70" altimg="si5.gif"><mml:mi>h</mml:mi></mml:math>-stability of some classes of dynamic equations on arbitrary time scales. Nonlinear Analysis: Hybrid Systems, 2019, 32, 54-64.	2.1	19
24	Spectral data de‐noising using semi‐classical signal analysis: application to localized MRS. NMR in Biomedicine, 2016, 29, 1477-1485.	1.6	18
25	New MPPT algorithm for PV applications based on hybrid dynamical approach. Journal of Process Control, 2016, 48, 14-24.	1.7	18
26	Hybrid model for efficient prediction of poly(A) signals in human genomic DNA. Methods, 2019, 166, 31-39.	1.9	18
27	Observer-based perturbation extremum seeking control with input constraints for direct-contact membrane distillation process. International Journal of Control, 2018, 91, 1363-1375.	1.2	17
28	Fractional-order adaptive fault estimation for a class of nonlinear fractional-order systems. , 2015, , .		16
29	Three-Element Fractional-Order Viscoelastic Arterial Windkessel Model. , 2018, 2018, 5261-5266.		15
30	Assessment of Fractional-Order Arterial Windkessel as a Model of Aortic Input Impedance. IEEE Open Journal of Engineering in Medicine and Biology, 2020, 1, 123-132.	1.7	15
31	Intelligent Proportional‐Integral‐Derivative Control-Based Modulating Functions for Laser Beam Pointing and Stabilization. IEEE Transactions on Control Systems Technology, 2020, 28, 1001-1008.	3.2	14
32	A novel algorithm for image representation using discrete spectrum of the Schrödinger operator. , 2015, 40, 80-87.		12
33	Fractional-order model representations of apparent vascular compliance as an alternative in the analysis of arterial stiffness: an in-silico study. Physiological Measurement, 2021, 42, 045008.	1.2	12
34	Model predictive control paradigms for fish growth reference tracking in precision aquaculture. Journal of Process Control, 2021, 105, 160-168.	1.7	12
35	Fish growth trajectory tracking using Q-learning in precision aquaculture. Aquaculture, 2022, 550, 737838.	1.7	12
36	Electrical equivalent thermal network for direct contact membrane distillation modeling and analysis. Journal of Process Control, 2016, 47, 87-97.	1.7	11

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37	Nonlinear observer-based Lyapunov boundary control of distributed heat transfer mechanisms for membrane distillation plant. Journal of Process Control, 2016, 47, 78-86.	1.7	11
38	Arterial Viscoelastic Model using Lumped Parameter Circuit With Fractional-Order Capacitor. , 2018, , .		11
39	Aortic blood pressure estimation: A hybrid machine-learning and cross-relation approach. Biomedical Signal Processing and Control, 2021, 68, 102762.	3.5	11
40	Sliding window neural network based sensing of bacteria in wastewater treatment plants. Journal of Process Control, 2022, 110, 35-44.	1.7	11
41	Arterial blood pressure analysis based on scattering transform II. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5330-3.	0.5	10
42	Moving-Horizon Modulating Functions-Based Algorithm for Online Source Estimation in a First-Order Hyperbolic Partial Differential Equation. Journal of Solar Energy Engineering, Transactions of the ASME, 2017, 139, .	1.1	10
43	Membrane fouling modeling and detection in direct contact membrane distillation. Journal of Process Control, 2019, 81, 190-196.	1.7	10
44	Extended Kalman Filter Based Linear Quadratic Regulator Control for Optical Wireless Communication Alignment. IEEE Photonics Journal, 2020, 12, 1-12.	1.0	10
45	Fractional order differentiation by integration with Jacobi polynomials. , 2012, , .		9
46	Non-asymptotic State Estimation of Linear Reaction Diffusion Equation using Modulating Functions. IFAC-PapersOnLine, 2020, 53, 4196-4201.	0.5	9
47	Fuzzy universal model approximator for distributed solar collector field control. , 2014, , .		8
48	Dynamic modeling and optimization in membrane distillation system. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 3327-3332.	0.4	8
49	Bilinear reduced order approximate model of parabolic distributed solar collectors. Solar Energy, 2016, 131, 71-80.	2.9	8
50	Performance analysis of fractional-order PID controller for a parabolic distributed solar collector. , 2017, , .		8
51	QuPWM: Feature Extraction Method for Epileptic Spike Classification. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2814-2824.	3.9	8
52	High-Gain Observer Design for Nonlinear Systems with Delayed Outputs. IFAC-PapersOnLine, 2020, 53, 5057-5062.	0.5	8
53	On semi-classical questions related to signal analysis. Asymptotic Analysis, 2011, 75, 125-144.	0.2	7
54	Riesz potential versus fractional Laplacian. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P09032.	0.9	7

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55	Bilinear Approximate Model-Based Robust Lyapunov Control for Parabolic Distributed Collectors. IEEE Transactions on Control Systems Technology, 2017, 25, 1848-1855.	3.2	7
56	Residual Water Suppression Using the Squared Eigenfunctions of the Schrödinger Operator. IEEE Access, 2019, 7, 69126-69137.	2.6	7
57	Observer-based Economic Model Predictive Control for Direct Contact Membrane Distillation. Chemical Engineering Research and Design, 2020, 156, 86-99.	2.7	7
58	Residual generator for cardiovascular anomalies detection. , 2014, , .		6
59	Fractional dynamical model for neurovascular coupling. , 2014, 2014, 4916-9.		6
60	Nonlinear neural network for hemodynamic model state and input estimation using fMRI data. Biomedical Signal Processing and Control, 2014, 14, 240-247.	3.5	6
61	Real time optimization of solar powered direct contact membrane distillation based on multivariable extremum seeking. , 2015, , .		6
62	Razumikhin-type Theorems on Practical Stability of Dynamic Equations on Time Scales. IFAC-PapersOnLine, 2018, 51, 121-126.	0.5	6
63	Human Hypertension Blood Flow Model Using Fractional Calculus. Frontiers in Physiology, 2022, 13, 838593.	1.3	6
64	Control and Fault Diagnosis Based Sliding Mode Observer of a Multicellular Converter: Hybrid Approach. Journal of Electrical Engineering, 2013, 64, 20-30.	0.4	5
65	Estimation of the neuronal activation using fMRI data: An observer-based approach. , 2013, , .		5
66	Electrical thermal networks for direct contact membrane distillation modeling. , 2014, , .		5
67	An Adaptive Observer-Based Algorithm for Solving Inverse Source Problem for the Wave Equation. Mathematical Problems in Engineering, 2015, 2015, 1-8.	0.6	5
68	Laser beam pointing and stabilization by fractional-order PID control: Tuning rule and experiments. , 2017, , .		5
69	Adaptive energy-based bilinear control of first-order 1-D hyperbolic PDEs: Application to a one-loop parabolic solar collector trough. Journal of the Franklin Institute, 2018, 355, 827-848.	1.9	5
70	A New ROI-Based performance evaluation method for image denoising using the Squared Eigenfunctions of the Schrödinger Operator. , 2018, 2018, 5579-5582.		5
71	Modeling and Experimental Study of The Vibration Effects in Urban Free-Space Optical Communication Systems. IEEE Photonics Journal, 2019, 11, 1-13.	1.0	5
72	Feature Generation and Dimensionality Reduction using the Discrete Spectrum of the Schrödinger Operator for Epileptic Spikes Detection. , 2019, 2019, 2373-2376.		5

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73	Sparse Reconstruction of Glucose Fluxes Using Continuous Glucose Monitors. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 17, 1797-1809.	1.9	5
74	Selection of Modulating Functions' Design Parameters for Estimation Problems. , 2021, 5, 277-282.		5
75	Calibration and validation for a real-time membrane bioreactor: A sliding window approach. Journal of Process Control, 2021, 98, 92-105.	1.7	5
76	Finite-time estimation algorithms for LPV discrete-time systems with application to output feedback stabilization. Automatica, 2021, 125, 109436.	3.0	5
77	On sliding mode observer for a hybrid three-cell converter. , 2013, , .		4
78	A novel approach to calibrate the hemodynamic model using functional Magnetic Resonance Imaging (fMRI) measurements. Journal of Neuroscience Methods, 2016, 262, 93-109.	1.3	4
79	An efficient multistage algorithm for full calibration of the hemodynamic model from BOLD signal responses. International Journal for Numerical Methods in Biomedical Engineering, 2017, 33, e2875.	1.0	4
80	Estimation of Multiple Point Sources for Linear Fractional Order Systems Using Modulating Functions. , 2018, 2, 7-12.		4
81	Bounded bilinear control of coupled first-order hyperbolic PDE and infinite dimensional ODE in the framework of PDEs with memory. Journal of Process Control, 2019, 81, 223-231.	1.7	4
82	Kalman filter based estimation algorithm for the characterization of the spatiotemporal hemodynamic response in the brain. Control Engineering Practice, 2019, 89, 180-189.	3.2	4
83	Two-Element Fractional-Order Windkessel Model to Assess the Arterial Input Impedance. , 2019, 2019, 5018-5023.		4
84	Signal denoising based on the Schrödinger operator's eigenspectrum and a curvature constraint. IET Signal Processing, 2021, 15, 195-206.	0.9	4
85	A Multilayer Perceptron-based Carotid-to-Femoral Pulse Wave Velocity Estimation using PPG Signal. , 2021, , .		4
86	Detection of Cardiovascular Anomalies: Hybrid Systems Approach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 222-227.	0.4	3
87	On the characterization of single-event related brain activity from functional Magnetic Resonance Imaging (fMRI) measurements. , 2014, 2014, 2396-9.		3
88	Joint estimation of the fractional differentiation orders and the unknown input for linear fractional non-commensurate system. , 2015, , .		3
89	Control of a perturbed under-actuated mechanical system. , 2015, , .		3
90	A first approach on fault detection and isolation for cardiovascular anomalies detection. , 2015, , .		3

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91	Modulating functions method for parameters estimation in the fifth order KdV equation. , 2017, , .		3
92	State observer design for Direct Contact Membrane Distillation Parabolic systems. , 2018, , .		3
93	Model Predictive Control Paradigms for Direct Contact Membrane Desalination Modeled by Differential Algebraic Equations. , 2019, , .		3
94	A Position Weight Matrix Feature Extraction Algorithm Improves Hand Gesture Recognition. , 2020, 2020, 5765-5768.		3
95	Time scale state feedback h-stabilisation of linear systems under Lipschitz-type disturbances. International Journal of Systems Science, 2021, 52, 1719-1729.	3.7	3
96	Time scale observability and constructibility of linear dynamic equations. International Journal of Control, 0, , 1-11.	1.2	3
97	Quantum-based interval selection of the Semi-classical Signal Analysis method. , 2021, , .		3
98	Robust Static Output Feedback Stabilization of Continuous-Time Linear Systems via Enhanced LMI Conditions. IFAC-PapersOnLine, 2020, 53, 4540-4545.	0.5	3
99	Finite-time joint estimation of the arterial blood flow and the arterial Windkessel parameters using modulating functions. IFAC-PapersOnLine, 2020, 53, 16286-16292.	0.5	3
100	Coupled Tanks State Estimation Using a High-Gain Like Observer. IFAC-PapersOnLine, 2021, 54, 96-101.	0.5	3
101	Reference tracking problem for boundary controlled time fractional advection dispersion equationÂin the presence of disturbances. European Journal of Control, 2022, 65, 100614.	1.6	3
102	LMI Feasibility Improvement to Design Observers for a Class of Lipschitz Nonlinear Systems. , 2021, , .		3
103	An LMI-based discrete time nonlinear observer for Light-Emitting Diode optical communication. Automatica, 2022, 141, 110309.	3.0	3
104	A geometric approach for fault detection and isolation of stator short circuit failure in a single asynchronous machine. , 2012, , .		2
105	Theoretical study of the fibrous capsule tissue growth around a disk-shaped implant. Journal of Mathematical Biology, 2013, 67, 833-867.	0.8	2
106	Cauchy problem for Laplace equation: An observer based approach. , 2013, , .		2
107	Fractional order differentiation by integration: an application to fractional linear systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 653-658.	0.4	2
108	Distributed Cerebral Blood Flow estimation using a spatiotemporal hemodynamic response model and a Kalman-like Filter approach. , 2015, , .		2

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109	A Sensitivity Analysis of fMRI Balloon Model. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-11.	0.7	2
110	Feedback control for distributed heat transfer mechanisms in direct-contact membrane distillation system. , 2015, , .		2
111	Output feedback control of heat transport mechanisms in parabolic distributed solar collectors. , 2016, , .		2
112	Source term boundary adaptive estimation in a first-order 1D hyperbolic PDE: Application to a one loop solar collector through. , 2016, , .		2
113	Robust <tex>$\mathcal{H}_{\infty}$</tex> Pointing Error Control of Free Space Optical Communication Systems. , 2018, , .		2
114	Finite-Time State Estimation of Discrete-Time Linear Systems With Some Extensions. Application to Steering Lateral Vehicle Model. , 2019, , .		2
115	State Estimation in Direct Contact Membrane Distillation based Desalination Using Nonlinear Observer. IFAC-PapersOnLine, 2019, 52, 61-66.	0.5	2
116	Parameter and differentiation order estimation for a two dimensional fractional partial differential equation. Journal of Computational and Applied Mathematics, 2020, 369, 112570.	1.1	2
117	Monitoring the temperature of a direct contact membrane distillation. Mathematical Methods in the Applied Sciences, 2020, 43, 1399-1408.	1.2	2
118	Schrödinger Spectrum Based PPG Features for the Estimation of the Arterial Blood Pressure. , 2020, 2020, 2683-2686.		2
119	Voxel Weight Matrix-Based Feature Extraction for Biomedical Applications. IEEE Access, 2020, 8, 121451-121459.	2.6	2
120	Analysis and output tracking design for the direct contact membrane distillation parabolic system. Journal of Mathematical Analysis and Applications, 2020, 491, 124367.	0.5	2
121	SCSA based MATLAB pre-processing toolbox for 1H MR spectroscopic water suppression and denoising. Informatics in Medicine Unlocked, 2020, 18, 100294.	1.9	2
122	Reduction of the beam pointing error for improved free-space optical communication link performance. IFAC Journal of Systems and Control, 2021, 16, 100154.	1.1	2
123	Nonlinear Model Predictive Control Design for BSM-MBR: Benchmark of Membrane Bioreactor. IFAC-PapersOnLine, 2020, 53, 16524-16530.	0.5	2
124	Soliton-based single-point pulse wave velocity model: A quantum mechanical approach. Biomedical Signal Processing and Control, 2022, 71, 103188.	3.5	2
125	Boundary stabilization of a reaction-diffusion system weakly coupled at the boundary.. IFAC-PapersOnLine, 2020, 53, 16537-16542.	0.5	2
126	Towards Characterization of the Complex and Frequency-dependent Arterial Compliance based on Fractional-order Capacitor. , 2021, 2021, 5559-5565.		2

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127	Automatic Detection of Epileptiform EEG Discharges based on the Semi-Classical Signal Analysis (SCSA) method. , 2021, 2021, 928-931.		2
128	Toward a detection approach of surge precursors using a semi-classical signal analysis method. European Physical Journal Plus, 2022, 137, .	1.2	2
129	Mathematical properties of a semi-classical signal analysis method: Noisy signal case. , 2012, , .		1
130	The determination of an unknown source for a space fractional advection dispersion equation. , 2014, , .		1
131	&#x210B;<inf>&#x2212;</inf> adaptive observer design and parameter identification for a class of nonlinear fractional-order systems. , 2014, , .		1
132	A sliding mode observer for hemodynamic characterization under modeling uncertainties. , 2014, , .		1
133	New fuzzy approximate model for indirect adaptive control of distributed solar collectors. , 2014, , .		1
134	An optimal iterative algorithm to solve Cauchy problem for Laplace equation. , 2015, , .		1
135	Chaotic convective behavior and stability analysis of a fractional viscoelastic fluids model in porous media. , 2015, , .		1
136	Nonlinear Lyapunov-based boundary control of distributed heat transfer mechanisms in membrane distillation plant. , 2015, , .		1
137	Localization of Point Sources for Poisson Equation using State Observers. IFAC-PapersOnLine, 2016, 49, 25-30.	0.5	1
138	Nonlinear observer design for a first order hyperbolic PDE: application to the estimation of the temperature in parabolic solar collectors**Research reported in this publication has been supported by the King Abdullah University of Science and Technology (KAUST).. IFAC-PapersOnLine, 2016, 49, 199-203.	0.5	1
139	Adaptive observer for the joint estimation of parameters and input for a coupled wave PDE and infinite dimensional ODE system. , 2016, , .		1
140	Direct and inverse source problems for a space fractional advection dispersion equation. Journal of Inverse and Ill-Posed Problems, 2017, 25, .	0.5	1
141	Source Estimation for the Damped Wave Equation Using Modulating Functions Method: Application to the Estimation of the Cerebral Blood Flow. IFAC-PapersOnLine, 2017, 50, 7082-7088.	0.5	1
142	Adaptive method for MRI enhancement using squared eigenfunctions of the Schrödinger operator. , 2017, , .		1
143	Model reduction of nonlinear systems subject to input disturbances. , 2017, , .		1
144	A geometric approach to nonlinear fault detection and isolation in a hybrid three-cell converter. International Journal of Systems Science, 2019, 50, 1069-1088.	3.7	1

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145	State Estimation of LPV Discrete-Time Systems with Application to Output Feedback Stabilization. , 2019, , .		1
146	Blind Estimation of Central Blood Pressure Using Least-Squares with Mean Matching and Box Constraints. , 2020, 2020, 2723-2727.		1
147	An Extremum Seeking Control Based Approach for Alignment Problem of Mobile Optical Communication Systems. IFAC-PapersOnLine, 2020, 53, 5368-5374.	0.5	1
148	A nonlinear adaptive resilient observer for fouling detection and localization in direct contact membrane distillation systems. , 2021, , .		1
149	Prescribed-Time High-Gain Nonlinear Observer Design for Triangular Systems. , 2021, , .		1
150	Adaptive Observer for Space-Fractional Partial Differential Model of Gas Pressures in Fractured Media. , 2021, , .		1
151	Combining Machine Learning and Blind Estimation for Central Aortic Blood Pressure Reconstruction. , 2021, 2021, 5512-5517.		1
152	Time scale reachability and controllability of time€varying linear systems. Asian Journal of Control, 0, , .	1.9	1
153	Parameter Sensitivity and Experimental Validation for Fractional-Order Dynamical Modeling of Neurovascular Coupling. IEEE Open Journal of Engineering in Medicine and Biology, 2022, 3, 69-77.	1.7	1
154	Reference Tracking and Observer Design for Space Fractional Partial Differential Equation Modeling Gas Pressures in Fractured Media. SIAM Journal on Control and Optimization, 2022, 60, 1613-1641.	1.1	1
155	Joint state and parameter estimation for a class of cascade systems: Application to a hemodynamic model. , 2014, , .		0
156	New MPPT algorithm based on hybrid dynamical theory. , 2014, , .		0
157	Efficient solution methodology for calibrating the hemodynamic model using functional Magnetic Resonance Imaging (fMRI) measurements. , 2015, 2015, 2645-8.		0
158	Observer-based bilinear control of first-order hyperbolic PDEs: Application to the solar collector. , 2015, , .		0
159	Robust iterative observer for source localization for Poisson equation. , 2016, , .		0
160	Boundary control of nonlinear coupled heat systems using backstepping. , 2016, , .		0
161	Wave Velocity Estimation in Heterogeneous Media. Advances in Intelligent Systems and Computing, 2016, , 303-312.	0.5	0
162	Iterative observer based method for source localization problem for Poisson equation in 3D. , 2017, , .		0

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163	Sliding mode observer design based linear matrix inequality approach for a Three-Cell Converter. , 2018, , .		0
164	Estimation Methods for Fractional-Order Systems. , 2018, , 451-475.		0
165	Dynamical Behavior of Biological Healthy Steady State in Leukemia Using a New Leukemic & Healthy Stem Cells Cohabitation Model with Distributed Delay. , 2019, , .		0
166	On Instability and Global Asymptotic Stability of Age-structured Distributed Delay System Describing Pathological Hematopoeisis. , 2019, , .		0
167	Iterative Learning Based Modulating Functions Method for Distributed Solar Source Estimation. , 2021, , .		0
168	Iterative Learning Based Modulating Functions Method for Distributed Solar Source Estimation. , 2021, 5, 1970-1975.		0
169	Tracking Model Predictive Control Paradigm for Underwater Optical Communication. IEEE Open Journal of the Communications Society, 2021, 2, 2084-2094.	4.4	0
170	Application of Hybrid Dynamical Theory to the Cardiovascular System. Lecture Notes in Control and Information Sciences, 2015, , 315-328.	0.6	0
171	Adaptive and Robust Control for Energy Efficiency Enhancement of a Solar-powered Desalination System. IFAC-PapersOnLine, 2020, 53, 16543-16548.	0.5	0