

# Fuad E Alsaadi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

875  
papers

24,659  
citations

75  
h-index

111  
g-index

899  
ext. papers

29,459  
ext. citations

4  
avg, IF

8.11  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 875 | Ergodic stationary distribution and extinction of a staged progression HIV/AIDS infection model with nonlinear stochastic perturbations. <i>Nonlinear Dynamics</i> , <b>2022</b> , 107, 3863   | 5   | 0         |
| 874 | Computational treatment of statistical declaration probable error for flow of nanomaterials with irreversibility. <i>Advances in Mechanical Engineering</i> , <b>2022</b> , 14, 168781402110709  | 1.2 | 0         |
| 873 | Neural-Network-Based Filtering for A General Class of Nonlinear Systems under Dynamically Bounded Innovations over Sensor Networks. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1                                | 4.9 | 0         |
| 872 | Outlier-Resistant Filtering With Dead-Zone-Like Censoring Under Try-Once-Discard Protocol. <i>IEEE Transactions on Signal Processing</i> , <b>2022</b> , 70, 714-728   | 4.8 | 3         |
| 871 | A stochastic turbidostat model with Ornstein-Uhlenbeck process: dynamics analysis and numerical simulations. <i>Nonlinear Dynamics</i> , <b>2022</b> , 107, 2805   | 5   | 1         |
| 870 | Dynamic event-based recursive filtering for multirate systems with integral measurements over sensor networks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2022</b> , 32, 1374   | 3.6 | 4         |
| 869 | Empower parameterized generative adversarial networks using a novel particle swarm optimizer: algorithms and applications. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2022</b> , 13, 1145                               | 3.8 | 1         |
| 868 | Scheduler-based state estimation over multiple channels networks. <i>Information Fusion</i> , <b>2022</b> , 77, 211-219  | 6.7 | 1         |
| 867 | Dynamical Behavior of a Stochastic Microorganism Flocculation Model with Nonlinear Perturbation. <i>Qualitative Theory of Dynamical Systems</i> , <b>2022</b> , 21, 1  | 0.8 | 0         |
| 866 | Stationary Distribution, Extinction and Probability Density Function of a Stochastic Vegetation-Water Model in Arid Ecosystems. <i>Journal of Nonlinear Science</i> , <b>2022</b> , 32, 1  | 2.8 | 1         |
| 865 | Significance of Entropy Generation and the Coriolis Force on the Three-Dimensional Non-Darcy Flow of Ethylene-Glycol Conveying Carbon Nanotubes (SWCNTs and MWCNTs). <i>Journal of Non-Equilibrium Thermodynamics</i> , <b>2022</b> , 47, 61-75    | 3.8 | 18        |
| 864 | Analysis of a Stochastic Phytoplankton-Zooplankton Model under Non-degenerate and Degenerate Diffusions. <i>Journal of Nonlinear Science</i> , <b>2022</b> , 32, 1   | 2.8 | 0         |
| 863 | Blowing-up solutions of differential equations with shifts: A survey. <i>Discrete and Continuous Dynamical Systems - Series S</i> , <b>2022</b> ,  | 2.8 | 0         |
| 862 | On a nonlinear coupled system of differential equations involving Hilfer fractional derivative and Riemann-Liouville mixed operators with nonlocal integro-multi-point boundary conditions. <i>AIMS Mathematics</i> , <b>2022</b> , 7, 12718-12741 | 2.2 | 3         |
| 861 | Entropy optimized flow of Jeffrey fluid with radiation effect over a stretched surface. <i>Advances in Mechanical Engineering</i> , <b>2022</b> , 14, 168781322210954  | 1.2 | 0         |
| 860 | A Fractional-Order Compartmental Model of Vaccination for COVID-19 with the Fear Factor. <i>Mathematics</i> , <b>2022</b> , 10, 1451   | 2.3 | 2         |
| 859 | A new framework for collaborative filtering with p-moment-based similarity measure: Algorithm, optimization and application. <i>Knowledge-Based Systems</i> , <b>2022</b> , 248, 108874  | 7.3 | 0         |

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|-----|--|-----|----|
| 858 | The well-posedness for semilinear time fractional wave equations on $\mathbb{R}^N$ . <i>Electronic Research Archive</i> , <b>2022</b> , 30, 2981-3003  | 1.9 | 0  |
| 857 | Mean-square input-to-state stability for stochastic complex-valued neural networks with neutral delay. <i>Neurocomputing</i> , <b>2021</b> , 470, 269-269  | 5.4 | 5  |
| 856 | Dynamic Event-Based Non-fragile State Estimation for Complex Networks via Partial Nodes Information. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 10193-10193   | 4   | 2  |
| 855 | Mixed convective flow of CNTs nanofluid subject to varying viscosity and reactions. <i>Scientific Reports</i> , <b>2021</b> , 11, 22838  | 4.9 | 6  |
| 854 | Protocol-Based Fusion Estimator Design for State-Saturated Systems with Dead-Zone-Like Censoring under Deception Attacks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2021</b> , 1-1                        | 2.8 | 2  |
| 853 | Irreversibility analysis in dissipative magnetohydrodynamic flow of non-Newtonian nanomaterials. <i>Nanomaterials and Nanotechnology</i> , <b>2021</b> , 11, 184798042110564   | 2.9 |    |
| 852 | Multi-Sensor Filtering Fusion With Parametric Uncertainties and Measurement Censoring: Monotonicity and Boundedness. <i>IEEE Transactions on Signal Processing</i> , <b>2021</b> , 69, 5875-5890   | 4.8 | 6  |
| 851 | A PSO-based deep learning approach to classifying patients from emergency departments. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2021</b> , 12, 1939   | 3.8 | 12 |
| 850 | Parameter estimation for an exponential autoregressive time series model by the Newton search and multi-innovation theory. <i>International Journal of Systems Science</i> , <b>2021</b> , 52, 2630-2645   | 2.3 |    |
| 849 | Hierarchical recursive signal modeling for multifrequency signals based on discrete measured data. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2021</b> , 35, 676-693  | 2.8 | 32 |
| 848 | Existence results for a coupled system of nonlinear multi-term fractional differential equations with anti-periodic type coupled nonlocal boundary conditions. <i>Mathematical Methods in the Applied Sciences</i> , <b>2021</b> , 44, 8739-8758 | 2.3 | 3  |
| 847 | Passive filter design for fractional-order quaternion-valued neural networks with neutral delays and external disturbance. <i>Neural Networks</i> , <b>2021</b> , 137, 18-30   | 9.1 | 20 |
| 846 | Recursive least squares estimation methods for a class of nonlinear systems based on non-uniform sampling. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2021</b> , 35, 1612-1632                                  | 2.8 | 1  |
| 845 | Self-triggered filter design for a class of nonlinear stochastic systems with Markovian jumping parameters. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2021</b> , 40, 101022   | 4.5 | 2  |
| 844 | Recursive filtering for stochastic parameter systems with measurement quantizations and packet disorders. <i>Applied Mathematics and Computation</i> , <b>2021</b> , 398, 125960   | 2.7 | 1  |
| 843 | On a Coupled Integro-Differential System Involving Mixed Fractional Derivatives and Integrals of Different Orders. <i>Acta Mathematica Scientia</i> , <b>2021</b> , 41, 1366-1384  | 0.7 | 0  |
| 842 | On electroosmosis in peristaltic activity of MHD non-Newtonian fluid. <i>AEJ - Alexandria Engineering Journal</i> , <b>2021</b> , 60, 3369-3377  | 6.1 | 9  |
| 841 | Output Consensus of Multiagent Systems Based on PDEs With Input Constraint: A Boundary Control Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 370-377  | 7.3 | 11 |

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| 840 | Sampled-Based Consensus for Nonlinear Multiagent Systems With Deception Attacks: The Decoupled Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 561-573  | 7.3  | 50 |
| 839 | Modeling and analysis of peristalsis of hybrid nanofluid with entropy generation. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2021</b> , 143, 1231-1249  | 4.1  | 6  |
| 838 | Marangoni Forced Convective Flow of Second Grade Fluid with Irreversibility Analysis and Chemical Reaction. <i>International Journal of Thermophysics</i> , <b>2021</b> , 42, 1  | 2.1  | 4  |
| 837 | A novel randomised particle swarm optimizer. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2021</b> , 12, 529-540  | 3.8  | 26 |
| 836 | Correlation Analysis-based Stochastic Gradient and Least Squares Identification Methods for Errors-in-variables Systems Using the Multiinnovation. <i>International Journal of Control, Automation and Systems</i> , <b>2021</b> , 19, 289-300 | 2.9  | 5  |
| 835 | Global existence and blow-up for a space and time nonlocal reaction-diffusion equation. <i>Quaestiones Mathematicae</i> , <b>2021</b> , 44, 747-753  | 0.6  | 2  |
| 834 | Robust stability of fractional-order quaternion-valued neural networks with neutral delays and parameter uncertainties. <i>Neurocomputing</i> , <b>2021</b> , 420, 70-81   | 5.4  | 33 |
| 833 | $H_\infty$ proportional-integral observer design for systems with mixed time-delays under round-robin protocol. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 887-906                                       | 3.6  | 1  |
| 832 | On finite-horizon $H_2$ state estimation for discrete-time delayed memristive neural networks under stochastic communication protocol. <i>Information Sciences</i> , <b>2021</b> , 555, 280-292  | 7.7  | 2  |
| 831 | Particle Filtering for Nonlinear/Non-Gaussian Systems With Energy Harvesting Sensors Subject to Randomly Occurring Sensor Saturations. <i>IEEE Transactions on Signal Processing</i> , <b>2021</b> , 69, 15-27                                 | 4.8  | 8  |
| 830 | Maximum-correntropy-based Kalman filtering for time-varying systems with randomly occurring uncertainties: An event-triggered approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 1582-1599             | 3.6  |    |
| 829 | Event-triggered state estimation for Markovian jumping neural networks: On mode-dependent delays and uncertain transition probabilities. <i>Neurocomputing</i> , <b>2021</b> , 424, 226-235  | 5.4  | 15 |
| 828 | Existence theory for a system of coupled multi-term fractional differential equations with integral multi-strip coupled boundary conditions. <i>Mathematical Methods in the Applied Sciences</i> , <b>2021</b> , 44, 2325-2342                 | 2.3  | 2  |
| 827 | On the subdiffusion fractional initial value problem with time variable order. <i>Advances in Nonlinear Analysis</i> , <b>2021</b> , 10, 1301-1315   | 2.8  | 2  |
| 826 | Gyrotactic microorganism and bio-convection during flow of Prandtl-Eyring nanomaterial. <i>Nonlinear Engineering</i> , <b>2021</b> , 10, 201-212   | 3    | 7  |
| 825 | Fixed-time control of competitive complex networks. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 7943-7951   | 7.95 | 1  |
| 824 | Distributed Auxiliary Particle Filtering With Diffusion Strategy for Target Tracking: A Dynamic Event-Triggered Approach. <i>IEEE Transactions on Signal Processing</i> , <b>2021</b> , 69, 328-340  | 4.8  | 9  |
| 823 | Tobit Kalman filtering for fractional-order systems with stochastic nonlinearities under Round-Robin protocol. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 2348-2370                                      | 3.6  | 7  |

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| 822 | Blowing-up solutions of the time-fractional dispersive equations. <i>Advances in Nonlinear Analysis</i> , <b>2021</b> , 10, 952-971   | 2.8 | 16 |
| 821 | Numerical treatment of melting heat transfer and entropy generation in stagnation point flow of hybrid nanomaterials (SWCNT-MWCNT/engine oil). <i>Modern Physics Letters B</i> , <b>2021</b> , 35, 2150102                              | 1.6 | 11 |
| 820 | Dynamical behavior of a stochastic Nicholson's blowflies model with distributed delay and degenerate diffusion. <i>Nonlinear Dynamics</i> , <b>2021</b> , 103, 2081-2096  | 5   | 3  |
| 819 | Analysis of entropy production and activation energy in hydromagnetic rotating flow of nanoliquid with velocity slip and convective conditions. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2021</b> , 146, 2561-2571       | 4.1 | 7  |
| 818 | Stabilization of T-S fuzzy fractional rectangular descriptor time-delay system. <i>International Journal of Systems Science</i> , <b>2021</b> , 52, 2268-2282   | 2.3 | 10 |
| 817 | Extended Gradient-based Iterative Algorithm for Bilinear State-space Systems with Moving Average Noises by Using the Filtering Technique. <i>International Journal of Control, Automation and Systems</i> , <b>2021</b> , 19, 1597-1606 | 2.9 | 11 |
| 816 | Stationary distribution and probability density function of a stochastic SVIS epidemic model with standard incidence and vaccination strategies. <i>Chaos, Solitons and Fractals</i> , <b>2021</b> , 143, 110601                        | 9.3 | 7  |
| 815 | Deep-reinforcement-learning-based images segmentation for quantitative analysis of gold immunochromatographic strip. <i>Neurocomputing</i> , <b>2021</b> , 425, 173-180   | 5.4 | 65 |
| 814 | Auxiliary model-based iterative parameter estimation for a nonlinear output-error system with saturation and dead-zone nonlinearity. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 4262-4286         | 3.6 | 4  |
| 813 | Recursive State Estimation for Stochastic Complex Networks Under Round-Robin Communication Protocol: Handling Packet Disorders. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 8, 2455-2468                | 4.9 | 3  |
| 812 | Rotating flow of viscous nanomaterial with radiation and entropy generation. <i>Advances in Mechanical Engineering</i> , <b>2021</b> , 13, 168781402110421  | 1.2 | 0  |
| 811 | Global asymptotic stability of fractional-order complex-valued neural networks with probabilistic time-varying delays. <i>Neurocomputing</i> , <b>2021</b> , 450, 311-318   | 5.4 | 4  |
| 810 | Robust stability for a class of fractional-order complex-valued projective neural networks with neutral-type delays and uncertain parameters. <i>Neurocomputing</i> , <b>2021</b> , 450, 399-410  | 5.4 | 4  |
| 809 | Aitken-based Acceleration Estimation Algorithms for a Nonlinear Model with Exponential Terms by Using the Decomposition. <i>International Journal of Control, Automation and Systems</i> , <b>2021</b> , 19, 3720                       | 2.9 | 0  |
| 808 | A New GAN-Based Approach to Data Augmentation and Image Segmentation for Crack Detection in Thermal Imaging Tests. <i>Cognitive Computation</i> , <b>2021</b> , 13, 1263  | 4.4 | 3  |
| 807 | Intermittent dynamic event-triggered state estimation for delayed complex networks based on partial nodes. <i>Neurocomputing</i> , <b>2021</b> , 459, 59-69   | 5.4 | 4  |
| 806 | Finite-time and fixed-time bipartite synchronization of complex networks with signed graphs. <i>Mathematics and Computers in Simulation</i> , <b>2021</b> , 188, 319-329  | 3.3 | 7  |
| 805 | Fuzzy synchronization of fractional-order chaotic systems using finite-time command filter. <i>Information Sciences</i> , <b>2021</b> , 579, 325-346  | 7.7 | 2  |

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| 804 | Two approaches to partial-nodes-based state estimation for delayed complex networks with intermittent measurement transmissions. <i>Information Fusion</i> , <b>2021</b> , 76, 315-322   | 16.7 | 0  |
| 803 | State-of-charge estimation for Li-ion batteries with uncertain parameters and uncorrelated/correlated noises: a recursive approach. <i>International Journal of Systems Science</i> , <b>2021</b> , 52, 1675-1691                        | 2.3  | 2  |
| 802 | Secure Particle Filtering for Cyber-Physical Systems With Binary Sensors Under Multiple Attacks. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-11  | 4.3  | 1  |
| 801 | Federated Tobit Kalman Filtering Fusion With Dead-Zone-Like Censoring and Dynamical Bias Under the Round-Robin Protocol. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , <b>2021</b> , 7, 1-16             | 2.8  | 9  |
| 800 | On a nonlinear system of Riemann-Liouville fractional differential equations with semi-coupled integro-multipoint boundary conditions. <i>Open Mathematics</i> , <b>2021</b> , 19, 760-772   | 0.8  | 2  |
| 799 | Stationary distribution and extinction of a stochastic staged progression AIDS model with staged treatment and second-order perturbation. <i>Chaos, Solitons and Fractals</i> , <b>2020</b> , 140, 110238                                | 9.3  | 14 |
| 798 | On Caputo-Riemann-Liouville Type Fractional Integro-Differential Equations with Multi-Point Sub-Strip Boundary Conditions. <i>Mathematics</i> , <b>2020</b> , 8, 1899  | 2.3  | 4  |
| 797 | Parameter estimation for time-delay systems based on the frequency responses and harmonic balance methods. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2020</b> , 34, 1779-1798                          | 2.8  | 0  |
| 796 | Dynamics of the Stochastic Belousov-Zhabotinskii Chemical Reaction Model. <i>Mathematics</i> , <b>2020</b> , 8, 663  | 2.3  | 0  |
| 795 | Adaptive outer synchronization between two delayed oscillator networks with cross couplings. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1   | 3.4  | 3  |
| 794 | Asymptotic stability and synchronization for nonlinear distributed-order system with uncertain parameters. <i>Neurocomputing</i> , <b>2020</b> , 404, 276-282  | 5.4  | 3  |
| 793 | Exponential stability for nonlinear hybrid stochastic systems with time varying delays of neutral type. <i>Applied Mathematics Letters</i> , <b>2020</b> , 107, 106468   | 3.5  | 12 |
| 792 | Entropy analysis for the peristaltic flow of third grade fluid with variable thermal conductivity. <i>European Physical Journal Plus</i> , <b>2020</b> , 135, 1  | 3.1  | 5  |
| 791 | Data filtering-based parameter and state estimation algorithms for state-space systems disturbed by coloured noises. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 1669-1684                                       | 2.3  | 5  |
| 790 | H <sub>∞</sub> state estimation for multi-rate artificial neural networks with integral measurements: A switched system approach. <i>Information Sciences</i> , <b>2020</b> , 539, 434-446   | 7.7  | 15 |
| 789 | Nonlocal Fractional Boundary Value Problems Involving Mixed Right and Left Fractional Derivatives and Integrals. <i>Axioms</i> , <b>2020</b> , 9, 50   | 1.6  | 3  |
| 788 | Nonfragile H <sub>∞</sub> filtering for discrete multirate time-delayed systems over sensor networks characterized by Gilbert-Elliott models. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 3194-3214 | 3.6  | 15 |
| 787 | Dynamic self-triggered output-feedback control for nonlinear stochastic systems with time delays. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 3786-3800   | 3.6  | 8  |

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|-----|--|------|----|
| 786 | Entropy analysis for the peristalsis flow with homogeneous-heterogeneous reaction. <i>European Physical Journal Plus</i> , <b>2020</b> , 135, 1  | 3.1  | 7  |
| 785 | Extended Kalman filtering subject to random transmission delays: Dealing with packet disorders. <i>Information Fusion</i> , <b>2020</b> , 60, 80-86  | 16.7 | 27 |
| 784 | Recursive resilient filtering for nonlinear stochastic systems with packet disorders. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 4817-4833  | 4    | 7  |
| 783 | Matrix Expression of Shapley Value in Graphical Cooperative Games. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-8   | 1.1  | 0  |
| 782 | Existence Results for Sequential Riemann-Liouville and Caputo Fractional Differential Inclusions with Generalized Fractional Integral Conditions. <i>Mathematics</i> , <b>2020</b> , 8, 1044   | 2.3  | 4  |
| 781 | Upper and Lower Bounds for the Kirchhoff Index of the n-Dimensional Hypercube Network. <i>Complexity</i> , <b>2020</b> , 2020, 1-4   | 1.6  |    |
| 780 | Stability criteria of quaternion-valued neutral-type delayed neural networks. <i>Neurocomputing</i> , <b>2020</b> , 412, 287-294   | 5.4  | 27 |
| 779 | Maximum likelihood-based gradient estimation for multivariable nonlinear systems using the multi-innovation identification theory. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 5446-5463            | 3.6  | 5  |
| 778 | Event-triggered non-fragile finite-time guaranteed cost control for uncertain switched nonlinear networked systems. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2020</b> , 36, 100884   | 4.5  | 9  |
| 777 | Soret and Dufour effects in the flow of viscous fluid by a curved stretching surface <b>2020</b> , 94, 1   |      | 12 |
| 776 | Event-triggered bipartite consensus of multi-agent systems with switching partial couplings and topologies. <i>Information Sciences</i> , <b>2020</b> , 521, 1-13  | 7.7  | 22 |
| 775 | Dynamics of a multigroup SIQS epidemic model under regime switching. <i>Stochastic Analysis and Applications</i> , <b>2020</b> , 38, 769-796   | 1.1  | 2  |
| 774 | Recursive fusion estimation for stochastic discrete time-varying complex networks under stochastic communication protocol: The state-saturated case. <i>Information Fusion</i> , <b>2020</b> , 60, 11-19                                 | 16.7 | 5  |
| 773 | The Integrated Design of a Novel Secondary Control and Robust Optimal Energy Management for Photovoltaic-Storage System Considering Generation Uncertainty. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 69                       | 2.6  | 2  |
| 772 | Dynamical behavior of a stochastic predator-prey model with stage structure for prey. <i>Stochastic Analysis and Applications</i> , <b>2020</b> , 38, 647-667  | 1.1  | 0  |
| 771 | An overview of stability analysis and state estimation for memristive neural networks. <i>Neurocomputing</i> , <b>2020</b> , 391, 1-12   | 5.4  | 24 |
| 770 | H $\infty$ state estimation for delayed artificial neural networks under high-rate communication channels with Round-Robin protocol. <i>Neural Networks</i> , <b>2020</b> , 124, 170-179   | 9.1  | 11 |
| 769 | A Dynamic Event-Triggered Approach to H $\infty$ Control for Discrete-Time Singularly Perturbed Systems With Time-Delays and Sensor Saturations. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-12 | 7.3  | 12 |

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|-----|---|-----|----|
| 768 | Existence and Uniqueness Results for a Coupled System of Caputo-Hadamard Fractional Differential Equations with Nonlocal Hadamard Type Integral Boundary Conditions. <i>Fractal and Fractional</i> , <b>2020</b> , 4, 13                            | 3   | 7  |
| 767 | Existence Results for a Nonlocal Coupled System of Differential Equations Involving Mixed Right and Left Fractional Derivatives and Integrals. <i>Symmetry</i> , <b>2020</b> , 12, 578  | 2.7 | 1  |
| 766 | A new hidden attractor hyperchaotic memristor oscillator with a line of equilibria. <i>European Physical Journal: Special Topics</i> , <b>2020</b> , 229, 1279-1288   | 2.3 | 4  |
| 765 | Estimation for power quality disturbances with multiplicative noises and correlated noises: a recursive estimation approach. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 1200-1217  | 2.3 | 18 |
| 764 | SURVEY ON APPLICATIONS OF SEMI-TENSOR PRODUCT METHOD IN NETWORKED EVOLUTIONARY GAMES. <i>Journal of Applied Analysis and Computation</i> , <b>2020</b> , 10, 32-54  | 0.4 | 3  |
| 763 | Global existence and large time behavior of solutions of a time fractional reaction diffusion system. <i>Fractional Calculus and Applied Analysis</i> , <b>2020</b> , 23, 390-407   | 2.7 | 1  |
| 762 | Minimum action solutions of nonhomogeneous Schrödinger equations. <i>Advances in Nonlinear Analysis</i> , <b>2020</b> , 9, 1559-1568  | 2.8 |    |
| 761 | Anisotropic problems with unbalanced growth. <i>Advances in Nonlinear Analysis</i> , <b>2020</b> , 9, 1504-1515   | 2.8 | 4  |
| 760 | Langevin equation in terms of conformable differential operators. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , <b>2020</b> , 28, 5-14   | 0.4 |    |
| 759 | Data filtering-based recursive identification for an exponential autoregressive moving average model by using the multi-innovation theory. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 2526-2534                                 | 2.5 | 1  |
| 758 | Double stratified flow of nanofluid subject to temperature based thermal conductivity and heat source. <i>Thermal Science</i> , <b>2020</b> , 24, 1157-1171   | 1.2 | 4  |
| 757 | Impact of arrhenius activation energy in viscoelastic nanomaterial flow subject to binary chemical reaction and non-linear mixed convection. <i>Thermal Science</i> , <b>2020</b> , 24, 1143-1155   | 1.2 | 2  |
| 756 | Event-triggered stabilisation for switched delayed differential systems: the input-to-state stability. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 1711-1721   | 2.5 | 4  |
| 755 | Non-linear thermal radiation and magnetic field effects on the flow Carreau nanofluid with convective conditions. <i>Thermal Science</i> , <b>2020</b> , 24, 1217-1228  | 1.2 |    |
| 754 | Adaptive decentralised control for large-scale non-linear non-strict-feedback interconnected systems with time-varying asymmetric output constraints and dead-zone inputs. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 3417-3427 | 2.5 | 1  |
| 753 | H <sub>∞</sub> filtering for multi-rate multi-sensor systems with randomly occurring sensor saturations under the p-persistent CSMA protocol. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 1255-1265                              | 2.5 | 10 |
| 752 | Partially-coupled gradient-based iterative algorithms for multivariable output-error-like systems with autoregressive moving average noises. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 2613-2627                               | 2.5 | 43 |
| 751 | Irreversibility analysis in Marangoni forced convection flow of second grade fluid. <i>Journal of Physics Communications</i> , <b>2020</b> , 4, 085013  | 1.2 | 6  |



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| 750 | Darcy Borchheimer three-dimensional flow of carbon nanotubes with nonlinear thermal radiation. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 140, 2711-2720   | 4.1  | 6  |
| 749 | Global Mittag-Leffler stability analysis of impulsive fractional-order complex-valued BAM neural networks with time varying delays. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2020</b> , 83, 105088       | 3.7  | 33 |
| 748 | Electrochemically Derived Graphene-Like Carbon Film as a Superb Substrate for High-Performance Aqueous Zn-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1907120  | 15.6 | 44 |
| 747 | Finite-time synchronization of sampled-data Markovian jump complex dynamical networks with additive time-varying delays based on dissipative theory. <i>Journal of Computational and Applied Mathematics</i> , <b>2020</b> , 368, 112578 | 2.4  | 13 |
| 746 | Extended feedback and simulation strategies for a delayed fractional-order control system. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2020</b> , 545, 123127  | 3.3  | 2  |
| 745 | Joint Multi-innovation Recursive Extended Least Squares Parameter and State Estimation for a Class of State-space Systems. <i>International Journal of Control, Automation and Systems</i> , <b>2020</b> , 18, 1412-1424                 | 2.9  | 35 |
| 744 | A delay-dependent asymptotic stability criteria for uncertain BAM neural networks with leakage and discrete time-varying delays: A novel summation inequality. <i>Asian Journal of Control</i> , <b>2020</b> , 22, 1880-1891             | 1.7  | 2  |
| 743 | Event-triggering Consensus for Second-order Leader-following Multiagent Systems with Nonlinear Time-delayed Dynamics. <i>International Journal of Control, Automation and Systems</i> , <b>2020</b> , 18, 1083-1093                      | 2.9  | 5  |
| 742 | Eyring-Powell nanofluid flow with nonlinear mixed convection: Entropy generation minimization. <i>Computer Methods and Programs in Biomedicine</i> , <b>2020</b> , 186, 105183   | 6.9  | 32 |
| 741 | Chemical reactive flow of Jeffrey fluid due to a rotating disk with non-Fourier heat flux theory. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 140, 2461-2470  | 4.1  | 3  |
| 740 | Dynamic optimal control of enhancing feedback treatment for a delayed fractional order predator-prey model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2020</b> , 554, 124136                                     | 3.3  | 11 |
| 739 | Finite-time event-triggered non-fragile state estimation for discrete-time delayed neural networks with randomly occurring sensor nonlinearity and energy constraints. <i>Neurocomputing</i> , <b>2020</b> , 384, 115-129                | 5.4  | 6  |
| 738 | LE Bounds of solutions of a system of strongly coupled space-time fractional evolution equations. <i>Applied Mathematics Letters</i> , <b>2020</b> , 103, 106174   | 3.5  |    |
| 737 | Dynamical behavior of stochastic predator-prey models with distributed delay and general functional response. <i>Stochastic Analysis and Applications</i> , <b>2020</b> , 38, 403-426  | 1.1  | 5  |
| 736 | Cattaneo-Christov (CC) heat flux model for nanomaterial stagnation point flow of Oldroyd-B fluid. <i>Computer Methods and Programs in Biomedicine</i> , <b>2020</b> , 187, 105247  | 6.9  | 35 |
| 735 | Recursive state estimation for linear systems with lossy measurements under time-correlated multiplicative noises. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 1887-1908   | 4    | 8  |
| 734 | VIKOR method for multiple criteria group decision making under 2-tuple linguistic neutrosophic environment. <i>Economic Research-Ekonomika Istrazivanja</i> , <b>2020</b> , 33, 3185-3208  | 2.5  | 16 |
| 733 | Fractional-Order Integro-Differential Multivalued Problems with Fixed and Nonlocal Anti-Periodic Boundary Conditions. <i>Mathematics</i> , <b>2020</b> , 8, 1774   | 2.3  | 2  |

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| 732 | Synchronization of Stochastic Complex Dynamical Networks with Mixed Time-Varying Coupling Delays. <i>Neural Processing Letters</i> , <b>2020</b> , 52, 1233-1250  | 2.4 | 5  |
| 731 | Existence of Positive Solutions for a System of Singular Fractional Boundary Value Problems with p-Laplacian Operators. <i>Mathematics</i> , <b>2020</b> , 8, 1890  | 2.3 | 7  |
| 730 | Maximum likelihood-based adaptive differential evolution identification algorithm for multivariable systems in the state-space form. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2020</b> , 34, 1658-1676   | 2.8 | 2  |
| 729 | Global projective synchronization in fractional-order quaternion valued neural networks. <i>Asian Journal of Control</i> , <b>2020</b> ,  | 1.7 | 3  |
| 728 | Existence Results for Nonlocal Multi-Point and Multi-Term Fractional Order Boundary Value Problems. <i>Axioms</i> , <b>2020</b> , 9, 70   | 1.6 | 1  |
| 727 | Existence Results for Fractional Order Single-Valued and Multi-Valued Problems with Integro-Multistrip-Multipoint Boundary Conditions. <i>Fractal and Fractional</i> , <b>2020</b> , 4, 31  | 3   | 2  |
| 726 | Stochastic containment control for a class of nonlinear multi-agent system with switched topology and mixed time-delays. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 2520-2532  | 2.3 | 2  |
| 725 | Three-stage least squares-based iterative estimation algorithms for bilinear state-space systems based on the bilinear state estimator. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2020</b> , 34, 1501-1518  | 2.8 | 1  |
| 724 | Distributed event-triggered nonfragile H <sub>∞</sub> control for networked nonlinear systems with energy constraints and redundant channels: Observer-based case. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 7150-7168                               | 3.6 | 6  |
| 723 | Parameter identification of a nonlinear radial basis function-based state-dependent autoregressive network with autoregressive noise via the filtering technique and the multiinnovation theory. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 7619-7634 | 3.6 | 1  |
| 722 | Entropy optimization for peristalsis of Rabinowitsch nanomaterial. <i>Applied Nanoscience (Switzerland)</i> , <b>2020</b> , 10, 4177-4190   | 3.3 | 3  |
| 721 | Nonfragile $H_{\infty}$ Fault Estimation for Markovian Jump 2-D Systems With Specified Power Bounds. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 1964-1975   | 7.3 | 42 |
| 720 | Dynamic Event-Triggered State Estimation for Discrete-Time Singularly Perturbed Systems With Distributed Time-Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3258-3268  | 7.3 | 47 |
| 719 | Blow-up of smooth solutions of the time-fractional Burgers equation. <i>Quaestiones Mathematicae</i> , <b>2020</b> , 43, 185-192  | 0.6 | 2  |
| 718 | Significance of homogeneous and heterogeneous reactions in Darcy-Forchheimer three-dimensional rotating flow of carbon nanotubes. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 139, 183-195   | 4.1 | 29 |
| 717 | Extended dissipativity and event-triggered synchronization for TB fuzzy Markovian jumping delayed stochastic neural networks with leakage delays via fault-tolerant control. <i>Soft Computing</i> , <b>2020</b> , 24, 3675-3694  | 3.5 | 12 |
| 716 | Flow of Fe <sub>3</sub> O <sub>4</sub> nanofluid with dust and nanoparticles. <i>Applied Nanoscience (Switzerland)</i> , <b>2020</b> , 10, 3115-3122  | 3.3 | 7  |
| 715 | Nonlinear radiative heat flux in Oldroyd-B nanofluid flow with Soret and Dufour effects. <i>Applied Nanoscience (Switzerland)</i> , <b>2020</b> , 10, 3103-3113   | 3.3 | 8  |

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| 7 <sup>14</sup> | Detection of intermittent faults for nonuniformly sampled multi-rate systems with dynamic quantisation and missing measurements. <i>International Journal of Control</i> , <b>2020</b> , 93, 898-909   | 1.5  | 27 |
| 7 <sup>13</sup> | Influence of stochastic perturbation on an SIRI epidemic model with relapse. <i>Applicable Analysis</i> , <b>2020</b> , 99, 549-568  | 0.8  | 1  |
| 7 <sup>12</sup> | Sampled-Data State Feedback Control for the Set Stabilization of Boolean Control Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 1580-1589  | 7.3  | 33 |
| 7 <sup>11</sup> | MABAC method for multiple attribute group decision making under picture 2-tuple linguistic environment. <i>Soft Computing</i> , <b>2020</b> , 24, 5819-5829  | 3.5  | 32 |
| 7 <sup>10</sup> | Stationary Distribution and Extinction of a Stochastic HIV-1 Infection Model with Distributed Delay and Logistic Growth. <i>Journal of Nonlinear Science</i> , <b>2020</b> , 30, 369-395   | 2.8  | 8  |
| 7 <sup>09</sup> | Heat transport and entropy optimization in flow of magneto-Williamson nanomaterial with Arrhenius activation energy. <i>Computer Methods and Programs in Biomedicine</i> , <b>2020</b> , 183, 105051   | 6.9  | 24 |
| 7 <sup>08</sup> | Dynamic event-triggered mechanism for H <sub>∞</sub> -non-fragile state estimation of complex networks under randomly occurring sensor saturations. <i>Information Sciences</i> , <b>2020</b> , 509, 304-316   | 7.7  | 50 |
| 7 <sup>07</sup> | Magnetohydrodynamic flow of Maxwell nanofluid with binary chemical reaction and Arrhenius activation energy. <i>Applied Nanoscience (Switzerland)</i> , <b>2020</b> , 10, 2951-2963  | 3.3  | 8  |
| 7 <sup>06</sup> | Investigation of physical aspects of cubic autocatalytic chemically reactive flow of second grade nanomaterial with entropy optimization. <i>Computer Methods and Programs in Biomedicine</i> , <b>2020</b> , 183, 105061  | 6.9  | 19 |
| 7 <sup>05</sup> | Fusion estimation for multi-rate linear repetitive processes under weighted try-once-discard protocol. <i>Information Fusion</i> , <b>2020</b> , 55, 281-291   | 16.7 | 79 |
| 7 <sup>04</sup> | Entropy generation in nonlinear mixed convective flow of nanofluid in porous space influenced by Arrhenius activation energy and thermal radiation. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 140, 799-809  | 4.1  | 18 |
| 7 <sup>03</sup> | Transportation of entropy optimization in radiated chemically dissipative flow of Prandtl-Eyring nanofluid with activation energy. <i>Computer Methods and Programs in Biomedicine</i> , <b>2020</b> , 184, 105130   | 6.9  | 11 |
| 7 <sup>02</sup> | Finite-time event-triggered non-fragile control and fault detection for switched networked systems with random packet losses. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 11394-11420  | 4    | 17 |
| 7 <sup>01</sup> | Regulation of game result for n-person random evolutionary Boolean games. <i>Asian Journal of Control</i> , <b>2020</b> , 22, 2353-2362  | 1.7  | 3  |
| 7 <sup>00</sup> | A Novel 5D Chaotic System with Extreme Multi-stability and a Line of Equilibrium and Its Engineering Applications: Circuit Design and FPGA Implementation. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , <b>2020</b> , 44, 59-67 | 1.9  | 6  |
| 6 <sup>99</sup> | Hydromagnetic squeezed flow of second-grade nanomaterials between two parallel disks. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 139, 2067-2077  | 4.1  | 7  |
| 6 <sup>98</sup> | Numerical study for peristalsis of Sisko nanomaterials with entropy generation. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 139, 2129-2143  | 4.1  | 9  |
| 6 <sup>97</sup> | Solitary Wave Solutions of Some Nonlinear Physical Models Using Riccati Equation Approach. <i>Acta Mathematicae Applicatae Sinica</i> , <b>2020</b> , 36, 401-418  | 0.3  |    |

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| 696 | Robust stability of uncertain fractional order singular systems with neutral and time-varying delays. <i>Neurocomputing</i> , <b>2020</b> , 401, 145-152   | 5-4 | 7  |
| 695 | On an impulsive hybrid system of conformable fractional differential equations with boundary conditions. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 958-970   | 2-3 | 8  |
| 694 | New developments in control design techniques of logical control networks. <i>Frontiers of Information Technology and Electronic Engineering</i> , <b>2020</b> , 21, 220-233   | 2-2 | 5  |
| 693 | Nonlinear Integro-Differential Equations Involving Mixed Right and Left Fractional Derivatives and Integrals with Nonlocal Boundary Data. <i>Mathematics</i> , <b>2020</b> , 8, 336  | 2-3 | 13 |
| 692 | Entropy generation in nanofluid flow of Walters-B fluid with homogeneous-heterogeneous reactions. <i>Mathematical Methods in the Applied Sciences</i> , <b>2020</b> , 43, 5657-5672  | 2-3 | 6  |
| 691 | On a Generalized Langevin Type Nonlocal Fractional Integral Multivalued Problem. <i>Mathematics</i> , <b>2019</b> , 7, 1015  | 2-3 | 6  |
| 690 | Analysis of entropy generation in peristalsis of Williamson fluid in curved channel under radial magnetic field. <i>Computer Methods and Programs in Biomedicine</i> , <b>2019</b> , 180, 105013                                 | 6-9 | 9  |
| 689 | Out Lag Synchronization of Fractional Order Delayed Complex Networks with Coupling Delay via Pinning Control. <i>Complexity</i> , <b>2019</b> , 2019, 1-7  | 1-6 | 5  |
| 688 | Eliminating Charge Accumulation via Interfacial Dipole for Efficient and Stable Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 34964-34972  | 9-5 | 30 |
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| 685 | Entropy generation minimisation: Nonlinear mixed convective flow of Sisko nanofluid <b>2019</b> , 93, 1  |     | 5  |
| 684 | Enhancing the Phase Stability of Inorganic CsPbI <sub>3</sub> by the Bication-Conjugated Organic Molecule for Efficient Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 37720-37725    | 9-5 | 36 |
| 683 | Dynamics of impulsive neutral-type BAM neural networks. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 2294-2324  | 4   | 22 |
| 682 | Event-triggered consensus of multi-agent systems with nonlinear dynamics and communication delay. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2019</b> , 522, 147-157                                      | 3-3 | 7  |
| 681 | Nonlinear convective flow of Maxwell nanofluid past a stretching cylinder with thermal radiation and chemical reaction. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2019</b> , 41, 1     | 2   | 19 |
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| 679 | Gradient-Based Iterative Parameter Estimation Algorithms for Dynamical Systems from Observation Data. <i>Mathematics</i> , <b>2019</b> , 7, 428  | 2-3 | 45 |

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| 677 | Numerical Simulation for Radiated Flow in Rotating Channel with Homogeneous-Heterogeneous Reactions. <i>Journal of Non-Equilibrium Thermodynamics</i> , <b>2019</b> , 44, 355-362   | 3.8 | 7  |
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| 675 | Quasi-projective and complete synchronization of fractional-order complex-valued neural networks with time delays. <i>Neural Networks</i> , <b>2019</b> , 118, 102-109  | 9.1 | 45 |
| 674 | Physical aspects of irreversibility in radiative flow of viscous material with cubic autocatalysis chemical reaction. <i>European Physical Journal Plus</i> , <b>2019</b> , 134, 1  | 3.1 | 15 |
| 673 | Decomposition-based Gradient Estimation Algorithms for Multivariable Equation-error Systems. <i>International Journal of Control, Automation and Systems</i> , <b>2019</b> , 17, 2037-2045  | 2.9 | 3  |
| 672 | Variance-constrained H <sub>2</sub> state estimation for time-varying multi-rate systems with redundant channels: The finite-horizon case. <i>Information Sciences</i> , <b>2019</b> , 501, 222-235                                 | 7.7 | 22 |
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| 670 | High-Quality (FA)x(MA) <sub>1-x</sub> PbI <sub>3</sub> for Efficient Perovskite Solar Cells via a Facile Cation-Intermixing Technique. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 11760-11768              | 8.3 | 18 |
| 669 | Two-stage Recursive Least Squares Parameter Estimation Algorithm for Multivariate Output-error Autoregressive Moving Average Systems. <i>International Journal of Control, Automation and Systems</i> , <b>2019</b> , 17, 1547-1557 | 2.9 | 0  |
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| 667 | A Hierarchical Approach for Joint Parameter and State Estimation of a Bilinear System with Autoregressive Noise. <i>Mathematics</i> , <b>2019</b> , 7, 356  | 2.3 | 24 |
| 666 | Synchronization of two nonidentical complex-valued neural networks with leakage delay and time-varying delays. <i>Neurocomputing</i> , <b>2019</b> , 356, 52-59   | 5.4 | 12 |
| 665 | Necessary and sufficient conditions for oscillation of second-order dynamic equations on time scales. <i>Mathematical Methods in the Applied Sciences</i> , <b>2019</b> , 42, 4488-4497   | 2.3 | 12 |
| 664 | Effect of Hall and ion-slip on the peristaltic transport of nanofluid: A biomedical application. <i>Chinese Journal of Physics</i> , <b>2019</b> , 60, 208-227  | 3.5 | 39 |
| 663 | Existence Theorems for Mixed Riemann-Liouville and Caputo Fractional Differential Equations and Inclusions with Nonlocal Fractional Integro-Differential Boundary Conditions. <i>Fractal and Fractional</i> , <b>2019</b> , 3, 21   | 3   | 6  |
| 662 | Semitor Product Approach to Controllability, Reachability, and Stabilizability of Probabilistic Finite Automata. <i>Mathematical Problems in Engineering</i> , <b>2019</b> , 2019, 1-7  | 1.1 | 2  |
| 661 | Entropy generation in radiative flow of Ree-Eyring fluid due to due rotating disks. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2019</b> , 29, 2057-2079   | 4.5 | 19 |

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| 660 | Fitting the exponential autoregressive model through recursive search. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 5801-5818   | 4    | 6  |
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| 655 | Maximum Likelihood Recursive Identification for the Multivariate Equation-Error Autoregressive Moving Average Systems Using the Data Filtering. <i>IEEE Access</i> , <b>2019</b> , 7, 41154-41163                                    | 3.5  | 32 |
| 654 | Non-fragile $H_{\infty}$ state estimation for discrete-time complex networks with randomly occurring time-varying delays and channel fading. <i>IMA Journal of Mathematical Control and Information</i> , <b>2019</b> , 36, 247-269  | 1.1  | 4  |
| 653 | A Partial-Nodes-Based Information fusion approach to state estimation for discrete-Time delayed stochastic complex networks. <i>Information Fusion</i> , <b>2019</b> , 49, 240-248   | 16.7 | 64 |
| 652 | Event-triggered control for the synchronization of Boolean control networks. <i>Nonlinear Dynamics</i> , <b>2019</b> , 96, 1335-1344   | 5    | 25 |
| 651 | Peristaltic motion of Sisko fluid in an inclined asymmetric tapered channel with nonlinear radiation. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 138, 545-558  | 4.1  | 17 |
| 650 | Attributes of Activation Energy and Exponential Based Heat Source in Flow of Carreau Fluid with Cross-Diffusion Effects. <i>Journal of Non-Equilibrium Thermodynamics</i> , <b>2019</b> , 44, 203-213                                | 3.8  | 17 |
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| 644 | Distributed filtering for nonlinear time-delay systems over sensor networks subject to multiplicative link noises and switching topology. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 2941-2959 | 3.6  | 97 |
| 643 | Entropy generation in Darcy-Borchheimer flow of nanofluid with five nanoparticles due to stretching cylinder. <i>Applied Nanoscience (Switzerland)</i> , <b>2019</b> , 9, 1649-1659  | 3.3  | 14 |

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| 642 | Long-time behaviour of a stochastic chemostat model with distributed delay. <i>Stochastics</i> , <b>2019</b> , 91, 1141-1163   | 1    | 1   |
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| 637 | New Delay-Dependent Stability Criteria for Impulsive Neural Networks with Additive Time-Varying Delay Components and Leakage Term. <i>Neural Processing Letters</i> , <b>2019</b> , 49, 761-785  | 2.4  | 3   |
| 636 | Adaptive Neural State-Feedback Tracking Control of Stochastic Nonlinear Switched Systems: An Average Dwell-Time Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 1076-1087                           | 10.3 | 145 |
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| 634 | Thermally radiated squeezed flow of magneto-nanofluid between two parallel disks with chemical reaction. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 135, 1021-1030   | 4.1  | 23  |
| 633 | Pinning synchronization of fractional-order complex networks with adaptive coupling weights. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2019</b> , 33, 1478-1490  | 2.8  | 2   |
| 632 | Structure of Non-Oscillatory Solutions for Second Order Dynamic Equations on Time Scales. <i>Mathematics</i> , <b>2019</b> , 7, 680  | 2.3  |     |
| 631 | A Study of a Fully Coupled Two-Parameter System of Sequential Fractional Integro-Differential Equations with Nonlocal Integro-Multipoint Boundary Conditions. <i>Acta Mathematica Scientia</i> , <b>2019</b> , 39, 927-944                       | 0.7  | 9   |
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| 629 | A system of coupled multi-term fractional differential equations with three-point coupled boundary conditions. <i>Fractional Calculus and Applied Analysis</i> , <b>2019</b> , 22, 601-618   | 2.7  | 16  |
| 628 | Recursive Algorithms for Multivariable Output-Error-Like ARMA Systems. <i>Mathematics</i> , <b>2019</b> , 7, 558   | 2.3  | 29  |
| 627 | Exponential synchronization of semi-Markovian coupled neural networks with mixed delays via tracker information and quantized output controller. <i>Neural Networks</i> , <b>2019</b> , 118, 321-331   | 9.1  | 34  |
| 626 | Entropy generation optimisation in the nanofluid flow of a second grade fluid with nonlinear thermal radiation   |      | 7   |
| 625 | Finite-time synchronization and parameter identification of uncertain fractional-order complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2019</b> , 533, 122027  | 3.3  | 21  |

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| 623 | Recursive Identification Algorithms for a Class of Linear Closed-loop Systems. <i>International Journal of Control, Automation and Systems</i> , <b>2019</b> , 17, 3194-3204   | 2.9 | 4  |
| 622 | Entropy generation in peristaltic flow of Williamson nanofluid. <i>Physica Scripta</i> , <b>2019</b> , 94, 125216  | 2.6 | 4  |
| 621 | Adaptive Neural Fault-Tolerant Control for a Class of Stochastic Switched Nonlinear Systems. <i>IEEE Access</i> , <b>2019</b> , 7, 93219-93228   | 3.5 | 3  |
| 620 | Entropy optimization in cubic autocatalysis chemical reactive flow of Williamson fluid subjected to viscous dissipation and uniform magnetic field. <i>Journal of Central South University</i> , <b>2019</b> , 26, 1218-1232         | 2.1 | 11 |
| 619 | Fractional Differential Equation Involving Mixed Nonlinearities with Nonlocal Multi-Point and Riemann-Stieltjes Integral-Multi-Strip Conditions. <i>Fractal and Fractional</i> , <b>2019</b> , 3, 34                                 | 3   | 6  |
| 618 | High-Efficiency Three-Party Quantum Key Agreement Protocol with Quantum Dense Coding and Bell States. <i>International Journal of Theoretical Physics</i> , <b>2019</b> , 58, 2834-2846  | 1.1 | 8  |
| 617 | Adaptive Backstepping Control Design for Uncertain Non-smooth Strictfeedback Nonlinear Systems with Time-varying Delays. <i>International Journal of Control, Automation and Systems</i> , <b>2019</b> , 17, 2220-2233               | 2.9 | 13 |
| 616 | Some q-rung interval-valued orthopair fuzzy Maclaurin symmetric mean operators and their applications to multiple attribute group decision making. <i>International Journal of Intelligent Systems</i> , <b>2019</b> , 34, 2769-2806 | 8.4 | 20 |
| 615 | Multi-Term Fractional Differential Equations with Generalized Integral Boundary Conditions. <i>Fractal and Fractional</i> , <b>2019</b> , 3, 44  | 3   | 1  |
| 614 | Entropy optimization in Ag-H <sub>2</sub> O and Cu-H <sub>2</sub> O nanomaterial flow with cubic autocatalysis chemical reaction. <i>European Physical Journal Plus</i> , <b>2019</b> , 134, 1                                       | 3.1 | 3  |
| 613 | Chemically reactive flow of thixotropic nanofluid with thermal radiation <b>2019</b> , 93, 1   |     | 4  |
| 612 | Consequences of chemical reaction in temperature-dependent thermal conductivity fluid flow by a rotating disk with variable thickness <b>2019</b> , 93, 1  |     | 2  |
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| 610 | Adaptive fuzzy output-feedback tracking control for switched stochastic pure-feedback nonlinear systems. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2019</b> , 33, 1567-1582                        | 2.8 | 98 |
| 609 | Advanced partial nucleation for single-phase FA <sub>0.92</sub> MA <sub>0.08</sub> PbI <sub>3</sub> -based high-efficiency perovskite solar cells. <i>Science China Materials</i> , <b>2019</b> , 62, 1846-1856                      | 7.1 | 6  |
| 608 | Partially-Coupled Recursive Least Squares Algorithm for Multivariate Systems Based on the Model Transformation. <i>IEEE Access</i> , <b>2019</b> , 7, 123086-123097  | 3.5 | 2  |
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| 605 | A generalized Fourier and Fick's perspective for stretching flow of burgers fluid with temperature-dependent thermal conductivity. <i>Thermal Science</i> , <b>2019</b> , 23, 3425-3432   | 1.2 | 1   |
| 604 | Effect of Porous Medium in Stagnation Point Flow of Ferrofluid Due to a Variable Convected Thicked Sheet. <i>Journal of Heat Transfer</i> , <b>2019</b> , 141,  | 1.8 | 2   |
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| 602 | Global exponential stability in Lagrange sense for quaternion-valued neural networks with leakage delay and mixed time-varying delays. <i>International Journal of Systems Science</i> , <b>2019</b> , 50, 858-870                                      | 2.3 | 13  |
| 601 | Physical Aspects of MHD Nonlinear Radiative Heat Flux in Flow of Thixotropic Nanomaterial <b>2019</b> , 43, 2043-2054   |     | 3   |
| 600 | Bi-functional additive engineering for high-performance perovskite solar cells with reduced trap density. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 6450-6458  | 13  | 103 |
| 599 | Numerical simulation for entropy generation in peristaltic flow with single and multi-wall carbon nanotubes. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2019</b> , 29, 4684-4705                                    | 4.5 | 5   |
| 598 | Observability of Boolean networks via STP and graph methods. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 1031-1037   | 2.5 | 14  |
| 597 | On Neutral Functional Differential Inclusions involving Hadamard Fractional Derivatives. <i>Mathematics</i> , <b>2019</b> , 7, 1084   | 2.3 | 3   |
| 596 | On nonlinear neutral Liouville-Caputo-type fractional differential equations with Riemann-Liouville integral boundary conditions. <i>Journal of Applied Analysis</i> , <b>2019</b> , 25, 119-130  | 0.5 | 2   |
| 595 | Nonlinear Impulsive Multi-Order Caputo-Type Generalized Fractional Differential Equations with Infinite Delay. <i>Mathematics</i> , <b>2019</b> , 7, 1108   | 2.3 | 3   |
| 594 | State estimation under non-Gaussian Lévy and time-correlated additive sensor noises: A modified Tobit Kalman filtering approach. <i>Signal Processing</i> , <b>2019</b> , 154, 120-128  | 4.4 | 20  |
| 593 | . <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 1386-1398  | 7.3 | 65  |
| 592 | Hermite-Hadamard, Hermite-Hadamard-Heijl, Dragomir-Agarwal and Pachpatte type inequalities for convex functions via new fractional integrals. <i>Journal of Computational and Applied Mathematics</i> , <b>2019</b> , 353, 120-129                      | 2.4 | 45  |
| 591 | Synchronization in uncertain fractional-order memristive complex-valued neural networks with multiple time delays. <i>Neural Networks</i> , <b>2019</b> , 110, 186-198  | 9.1 | 49  |
| 590 | Numerical simulation for three-dimensional flow of Carreau nanofluid over a nonlinear stretching surface with convective heat and mass conditions. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2019</b> , 41, 1 | 2   | 22  |
| 589 | Synchronization of complex-valued neural networks with mixed two additive time-varying delays. <i>Neurocomputing</i> , <b>2019</b> , 332, 149-158   | 5.4 | 26  |

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| 588 | Variable aspects of double stratified MHD flow of second grade nanoliquid with heat generation/absorption: A revised model. <i>Radiation Physics and Chemistry</i> , <b>2019</b> , 157, 109-115   | 2.5  | 13 |
| 587 | On systems of reaction-diffusion equations with a balance law: The sequel. <i>Computers and Mathematics With Applications</i> , <b>2019</b> , 78, 1244-1260   | 2.7  | 0  |
| 586 | Exponential dissipativity analysis of discrete-time switched memristive neural networks with actuator saturation via quasi-time-dependent control. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 67-84 | 3.6  | 7  |
| 585 | Effectiveness of radiative heat flux in MHD flow of Jeffrey-nanofluid subject to Brownian and thermophoresis diffusions. <i>Journal of Hydrodynamics</i> , <b>2019</b> , 31, 421-427  | 3.3  | 19 |
| 584 | Periodicity of Cohen-Grossberg-type fuzzy neural networks with impulses and time-varying delays. <i>Neurocomputing</i> , <b>2019</b> , 325, 254-259   | 5.4  | 15 |
| 583 | Effects of binary chemical reaction and Arrhenius activation energy in Darcy-Borchheimer three-dimensional flow of nanofluid subject to rotating frame. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 136, 1769-1779 | 4.1  | 30 |
| 582 | Algebraic formulation and topological structure of Boolean networks with state-dependent delay. <i>Journal of Computational and Applied Mathematics</i> , <b>2019</b> , 350, 87-97  | 2.4  | 32 |
| 581 | Numerical simulation for Darcy-Borchheimer three-dimensional rotating flow of nanofluid with prescribed heat and mass flux conditions. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 136, 2087-2095                  | 4.1  | 27 |
| 580 | Lag projective synchronization of fractional-order delayed chaotic systems. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 1522-1534   | 4    | 37 |
| 579 | Pinning outer synchronization of partially coupled dynamical networks with complex inner coupling matrices. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2019</b> , 515, 497-509                                     | 3.3  | 5  |
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| 577 | Observer-Based Consensus Control for Discrete-Time Multiagent Systems With Coding-Decoding Communication Protocol. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 4335-4345  | 10.2 | 73 |
| 576 | Magnetohydrodynamic three-dimensional nonlinear convective flow of viscoelastic nanofluid with heat and mass flux conditions. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 967-977  | 4.8  | 4  |
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| 573 | A new approach to smooth global path planning of mobile robots with kinematic constraints. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2019</b> , 10, 107-119   | 3.8  | 24 |
| 572 | A Novel Neural-Network-Based Adaptive Control Scheme for Output-Constrained Stochastic Switched Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 418-432                         | 7.3  | 77 |
| 571 | ( $H_{\infty}$ ) state estimation for discrete-time stochastic memristive BAM neural networks with mixed time-delays. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2019</b> , 10, 771-785                        | 3.8  | 12 |

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| 569 | Existence of Nonoscillatory Solutions for Fractional Functional Differential Equations. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , <b>2019</b> , 42, 751-766   | 1.2  | 3  |
| 568 | Oscillation for Fractional Partial Differential Equations. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , <b>2019</b> , 42, 449-465  | 1.2  | 7  |
| 567 | On passivity and robust passivity for discrete-time stochastic neural networks with randomly occurring mixed time delays. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 65-78   | 4.8  | 25 |
| 566 | Nonlinear convective flow with variable thermal conductivity and Cattaneo-Christov heat flux. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 295-305   | 4.8  | 13 |
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| 563 | Stability analysis for discrete-time stochastic memristive neural networks with both leakage and probabilistic delays. <i>Neural Networks</i> , <b>2018</b> , 102, 1-9   | 9.1  | 55 |
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| 561 | Suppression of chaos via control of energy flow <b>2018</b> , 90, 1  |      | 9  |
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| 559 | Universal Distributed Quantum Computing on Superconducting Qutrits with Dark Photons. <i>Annalen Der Physik</i> , <b>2018</b> , 530, 1700402   | 2.6  | 8  |
| 558 | Partial-Nodes-Based State Estimation for Complex Networks With Unbounded Distributed Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3906-3912  | 10.3 | 53 |
| 557 | An event-triggered approach to distributed H <sub>∞</sub> state estimation for state-saturated systems with randomly occurring mixed delays. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 3104-3121                   | 4    | 23 |
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| 554 | Three-Photon Polarization-Spatial Hyperparallel Quantum Fredkin Gate Assisted by Diamond Nitrogen Vacancy Center in Optical Cavity. <i>Annalen Der Physik</i> , <b>2018</b> , 530, 1800043   | 2.6  | 16 |
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| 552 | Event-triggered state estimation for time-delayed complex networks with gain variations based on partial nodes. <i>International Journal of General Systems</i> , <b>2018</b> , 47, 477-490  | 2.1  | 19  |
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| 549 | Promoting perovskite crystal growth to achieve highly efficient and stable solar cells by introducing acetamide as an additive. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 9930-9937   | 13   | 42  |
| 548 | Synchronization Control of Riemann-Liouville Fractional Competitive Network Systems with Time-varying Delay and Different Time Scales. <i>International Journal of Control, Automation and Systems</i> , <b>2018</b> , 16, 1404-1414                       | 2.9  | 19  |
| 547 | Entanglement Purification of Nonlocal Quantum-Dot-Confined Electrons Assisted by Double-Sided Optical Microcavities. <i>Annalen Der Physik</i> , <b>2018</b> , 530, 1800029  | 2.6  | 9   |
| 546 | A new oscillator with infinite coexisting asymmetric attractors. <i>Chaos, Solitons and Fractals</i> , <b>2018</b> , 110, 252-258  | 9.3  | 36  |
| 545 | Static output feedback set stabilization for context-sensitive probabilistic Boolean control networks. <i>Applied Mathematics and Computation</i> , <b>2018</b> , 332, 263-275   | 2.7  | 32  |
| 544 | Peristaltic transport of tangent hyperbolic fluid with variable viscosity. <i>Thermal Science and Engineering Progress</i> , <b>2018</b> , 6, 217-225  | 3.6  | 12  |
| 543 | Global $\mu$ -stability of quaternion-valued neural networks with mixed time-varying delays. <i>Neurocomputing</i> , <b>2018</b> , 290, 12-25  | 5.4  | 31  |
| 542 | Numerical investigation for entropy generation in hydromagnetic flow of fluid with variable properties and slip. <i>Physics of Fluids</i> , <b>2018</b> , 30, 023601   | 4.4  | 21  |
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| 537 | Leader-following mean square consensus of stochastic multi-agent systems with input delay via event-triggered control. <i>IET Control Theory and Applications</i> , <b>2018</b> , 12, 299-309  | 2.5  | 65  |
| 536 | Collective responses in electrical activities of neurons under field coupling. <i>Scientific Reports</i> , <b>2018</b> , 8, 1349   | 4.9  | 78  |
| 535 | Event-triggered H <sub>2</sub> state estimation for state-saturated complex networks subject to quantization effects and distributed delays. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 2874-2891                                       | 4    | 30  |

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| 533 | Stochastic Stability for a Class of Discrete-time Switched Neural Networks with Stochastic Noise and Time-varying Mixed Delays. <i>International Journal of Control, Automation and Systems</i> , <b>2018</b> , 16, 158-167                                      | 2.9 | 13  |
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| 531 | Forming Intermediate Phase on the Surface of Pbl Precursor Films by Short-Time DMSO Treatment for High-Efficiency Planar Perovskite Solar Cells via Vapor-Assisted Solution Process. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 1781-1791 | 9.5 | 25  |
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| 529 | Endoscopy and homogeneous-heterogeneous reactions in MHD radiative peristaltic activity of Ree-Eyring fluid. <i>Results in Physics</i> , <b>2018</b> , 8, 481-488  | 3.7 | 19  |
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| 524 | Entropy generation in flow with silver and copper nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 539, 335-346  | 5.1 | 232 |
| 523 | Edge-based epidemic dynamics with multiple routes of transmission on random networks. <i>Nonlinear Dynamics</i> , <b>2018</b> , 91, 403-420  | 5   | 28  |
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| 521 | Synchronization of Heterogeneous Partially Coupled Networks with Heterogeneous Impulses. <i>Neural Processing Letters</i> , <b>2018</b> , 48, 557-575  | 2.4 | 6   |
| 520 | Activation energy impact in nonlinear radiative stagnation point flow of Cross nanofluid. <i>International Communications in Heat and Mass Transfer</i> , <b>2018</b> , 91, 216-224  | 5.8 | 181 |
| 519 | Entropy generation in magnetohydrodynamic radiative flow due to rotating disk in presence of viscous dissipation and Joule heating. <i>Physics of Fluids</i> , <b>2018</b> , 30, 017101  | 4.4 | 141 |
| 518 | Finite-Time Synchronization of Complex-Valued Delayed Neural Networks with Discontinuous Activations. <i>Asian Journal of Control</i> , <b>2018</b> , 20, 2237-2247  | 1.7 | 17  |
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| 515 | State estimation for discrete-time switched neural networks with time-varying delay. <i>Neurocomputing</i> , <b>2018</b> , 282, 25-31   | 5.4 | 3   |
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| 512 | Recursive state estimation based-on the outputs of partial nodes for discrete-time stochastic complex networks with switched topology. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 4686-4707    | 4   | 30  |
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| 510 | Projective synchronization of fractional-order delayed neural networks based on the comparison principle. <i>Advances in Difference Equations</i> , <b>2018</b> , 2018,   | 3.6 | 17  |
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| 502 | Optimal Synthesis of the Joint Unitary Evolutions. <i>International Journal of Theoretical Physics</i> , <b>2018</b> , 57, 1942-1947  | 1.1 | 0   |
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| 500 | Entropy generation minimization (EGM) for convection nanomaterial flow with nonlinear radiative heat flux. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 260, 279-291                                       | 6   | 76  |
| 499 | Boundedness and global robust stability analysis of delayed complex-valued neural networks with interval parameter uncertainties. <i>Neural Networks</i> , <b>2018</b> , 103, 55-62                               | 9.1 | 77  |

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| 498 | Event-triggered resilient filtering with stochastic uncertainties and successive packet dropouts via variance-constrained approach. <i>International Journal of General Systems</i> , <b>2018</b> , 47, 416-431                                 | 2.1  | 9   |
| 497 | Recursive filtering for state-saturated systems with randomly occurring nonlinearities and missing measurements. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 1715-1727                                     | 3.6  | 29  |
| 496 | On Sequential Fractional Integro-Differential Equations with Nonlocal Integral Boundary Conditions. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , <b>2018</b> , 41, 1725-1737  | 1.2  | 3   |
| 495 | Picture 2-tuple linguistic aggregation operators in multiple attribute decision making. <i>Soft Computing</i> , <b>2018</b> , 22, 989-1002  | 3.5  | 121 |
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| 493 | Periodic solution and stationary distribution of stochastic S-DI-A epidemic models. <i>Applicable Analysis</i> , <b>2018</b> , 97, 179-193  | 0.8  | 6   |
| 492 | A New Look at Boundedness of Error Covariance of Kalman Filtering. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 309-314   | 7.3  | 45  |
| 491 | Projection models for multiple attribute decision making with picture fuzzy information. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2018</b> , 9, 713-719  | 3.8  | 143 |
| 490 | A Gain-Scheduling Approach to Nonfragile $H_{\infty}$ Fuzzy Control Subject to Fading Channels. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 142-154   | 8.3  | 23  |
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| 488 | Magnetohydrodynamic stagnation point flow of third-grade liquid toward variable sheet thickness. <i>Neural Computing and Applications</i> , <b>2018</b> , 30, 2417-2423   | 4.8  | 9   |
| 487 | Event-based distributed recursive filtering for state-saturated systems with redundant channels. <i>Information Fusion</i> , <b>2018</b> , 39, 96-107   | 16.7 | 31  |
| 486 | Recursive least squares identification methods for multivariate pseudo-linear systems using the data filtering. <i>Multidimensional Systems and Signal Processing</i> , <b>2018</b> , 29, 1135-1152   | 1.8  | 7   |
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| 481 | Bias estimation for asynchronous multi-rate multi-sensor fusion with unknown inputs. <i>Information Fusion</i> , <b>2018</b> , 39, 139-153  | 16.7 | 57  |

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| 480 | Sampled-data consensus of nonlinear multiagent systems subject to cyber attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 53-67   | 3.6  | 63  |
| 479 | Delta-Differentiable Weighted Pseudo-Almost Automorphicity on Time-Space Scales for a Novel Class of High-Order Competitive Neural Networks with WPAA Coefficients and Mixed Delays. <i>Neural Processing Letters</i> , <b>2018</b> , 47, 203-232 | 2.4  | 11  |
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| 477 | Stability Analysis of Delayed Impulsive Systems and Applications. <i>Circuits, Systems, and Signal Processing</i> , <b>2018</b> , 37, 1062-1080   | 2.2  | 6   |
| 476 | Control design for output tracking of delayed Boolean control networks. <i>Journal of Computational and Applied Mathematics</i> , <b>2018</b> , 327, 188-195  | 2.4  | 37  |
| 475 | Asynchronous observer-based H $\infty$ control for switched stochastic systems with mixed delays under quantization and packet dropouts. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2018</b> , 27, 225-238                                    | 4.5  | 12  |
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| 473 | Finite-Time Synchronization of Networks via Quantized Intermittent Pinning Control. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 3021-3027   | 10.2 | 119 |
| 472 | Finite-time stabilization for a class of nonlinear systems via optimal control. <i>Mathematics and Computers in Simulation</i> , <b>2018</b> , 146, 14-26   | 3.3  | 9   |
| 471 | A modified distributed optimization method for both continuous-time and discrete-time multi-agent systems. <i>Neurocomputing</i> , <b>2018</b> , 275, 725-732   | 5.4  | 6   |
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| 468 | Synchronization of directed switched complex networks with stochastic link perturbations and mixed time-delays. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2018</b> , 27, 213-224   | 4.5  | 36  |
| 467 | Variable structure controller design for Boolean networks. <i>Neural Networks</i> , <b>2018</b> , 97, 107-115   | 9.1  | 11  |
| 466 | Strategy optimization for static games based on STP method. <i>Applied Mathematics and Computation</i> , <b>2018</b> , 316, 390-399   | 2.7  | 27  |
| 465 | Further results on L <sub>2</sub> -state estimation of delayed neural networks. <i>Neurocomputing</i> , <b>2018</b> , 273, 509-515  | 5.4  | 16  |
| 464 | Finite-time and fixed-time synchronization analysis of inertial memristive neural networks with time-varying delays. <i>Cognitive Neurodynamics</i> , <b>2018</b> , 12, 121-134   | 4.2  | 63  |
| 463 | Decomposition-Based Gradient Estimation Algorithms for Multivariate Equation-Error Autoregressive Systems Using the Multi-innovation Theory. <i>Circuits, Systems, and Signal Processing</i> , <b>2018</b> , 37, 1846-1862                        | 2.2  | 3   |



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| 460 | Set Stability and Stabilization of Switched Boolean Networks With State-Based Switching. <i>IEEE Access</i> , <b>2018</b> , 6, 35624-35630  | 3.5 | 74 |
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| 458 | Magnetic Field and Thermal Radiation Effects in Peristaltic Flow With Heat and Mass Convection. <i>Journal of Thermal Science and Engineering Applications</i> , <b>2018</b> , 10,  | 1.9 | 14 |
| 457 | Global exponential convergence of neutral-type competitive neural networks with multi-proportional delays, distributed delays and time-varying delay in leakage delays. <i>International Journal of Systems Science</i> , <b>2018</b> , 49, 2202-2214 | 2.3 | 23 |
| 456 | Fixed-time Synchronization of Memristive Cohen-Grossberg Neural Networks with Impulsive Effects. <i>International Journal of Control, Automation and Systems</i> , <b>2018</b> , 16, 2214-2224  | 2.9 | 15 |
| 455 | A comparative study of the density of surface states in solid and hollow TiO <sub>2</sub> microspheres. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2284-2290   | 6.8 | 5  |
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| 453 | The General Solution of Singular Fractional-Order Linear Time-Invariant Continuous Systems with Regular Pencils. <i>Entropy</i> , <b>2018</b> , 20,   | 2.8 | 13 |
| 452 | A Study of Fractional Differential Equations and Inclusions with Nonlocal Erdlyi-Kober Type Integral Boundary Conditions <b>2018</b> , 44, 1315-1328  |     | 7  |
| 451 | Dynamic system with no equilibrium and its chaos anti-synchronization. <i>Automatika</i> , <b>2018</b> , 59, 35-42  | 1.6 | 5  |
| 450 | Synchronization of Nonlinear Complex Spatio-Temporal Networks Using Adaptive Boundary Control and Pinning Adaptive Boundary Control. <i>IEEE Access</i> , <b>2018</b> , 6, 38216-38224  | 3.5 | 7  |
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| 447 | Bell-state generation on remote superconducting qubits with dark photons. <i>Quantum Information Processing</i> , <b>2018</b> , 17, 1   | 1.6 | 1  |
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| 443 | Fractional differential equations involving generalized derivative with Stieltjes and fractional integral boundary conditions. <i>Applied Mathematics Letters</i> , <b>2018</b> , 84, 111-117                                  | 3.5 | 22  |
| 442 | Flow of chemically reactive magneto Cross nanoliquid with temperature-dependent conductivity. <i>Applied Nanoscience (Switzerland)</i> , <b>2018</b> , 8, 1453-1460  | 3.3 | 31  |
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| 439 | Optimal adaptive higher order controllers subject to sliding modes for a carrier system. <i>International Journal of Advanced Robotic Systems</i> , <b>2018</b> , 15, 172988141878209  | 1.4 | 19  |
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| 435 | Stability analysis for a class of impulsive competitive neural networks with leakage time-varying delays. <i>Science China Technological Sciences</i> , <b>2018</b> , 61, 1384-1403  | 3.5 | 3   |
| 434 | Stability analysis of interval time-varying delayed neural networks including neutral time-delay and leakage delay. <i>Chaos, Solitons and Fractals</i> , <b>2018</b> , 114, 433-445   | 9.3 | 18  |
| 433 | Further synchronization in finite time analysis for time-varying delayed fractional order memristive competitive neural networks with leakage delay. <i>Neurocomputing</i> , <b>2018</b> , 317, 110-126                        | 5.4 | 46  |
| 432 | General hyperentanglement concentration for polarization-spatial-time-bin multi-photon systems with linear optics. <i>Frontiers of Physics</i> , <b>2018</b> , 13, 1   | 3.7 | 13  |
| 431 | Entropy generation optimization and unsteady squeezing flow of viscous fluid with five different shapes of nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 554, 197-210 | 5.1 | 75  |
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| 428 | Entropy generation in Darcy-Forchheimer bidirectional flow of water-based carbon nanotubes with convective boundary conditions. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 265, 629-638                               | 6   | 107 |
| 427 | Slip and Joule Heating Effects on Peristaltic Transport in an Inclined Channel. <i>Journal of Thermal Science and Engineering Applications</i> , <b>2018</b> , 10,   | 1.9 | 6   |

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| 425 | Robust set stabilization of Boolean control networks with impulsive effects. <i>Nonlinear Analysis: Modelling and Control</i> , <b>2018</b> , 23, 553-567   | 1.3  | 22 |
| 424 | Mixed convection flow of a nanofluid past a non-linearly stretching wall. <i>Thermal Science</i> , <b>2018</b> , 22, 567-575  |      |    |
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| 421 | Global exponential stability and lag synchronization for delayed memristive fuzzy Cohen-Grossberg BAM neural networks with impulses. <i>Neural Networks</i> , <b>2018</b> , 98, 122-153   | 9.1  | 62 |
| 420 | An event-triggered approach to robust recursive filtering for stochastic discrete time-varying spatial-temporal systems. <i>Signal Processing</i> , <b>2018</b> , 145, 91-98  | 4.4  | 8  |
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| 415 | Centralized security-guaranteed filtering in multirate-sensor fusion under deception attacks. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 406-420   | 4    | 36 |
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| 413 | Fixed-time synchronization of four-dimensional energy resource systems with mismatched parameters. <i>Journal of Applied Mathematics and Computing</i> , <b>2018</b> , 58, 289-304  | 1.8  | 1  |
| 412 | Particle filtering for networked nonlinear systems subject to random one-step sensor delay and missing measurements. <i>Neurocomputing</i> , <b>2018</b> , 275, 2162-2169   | 5.4  | 16 |
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| 407 | Bipolar Fuzzy Hamacher Aggregation Operators in Multiple Attribute Decision Making. <i>International Journal of Fuzzy Systems</i> , <b>2018</b> , 20, 1-12   | 3.6 | 110 |
| 406 | Multi-term fractional differential equations with nonlocal boundary conditions. <i>Open Mathematics</i> , <b>2018</b> , 16, 1519-1536  | 0.8 | 3   |
| 405 | Dynamics of DS-I-A epidemic model with multiple stochastic perturbations. <i>Mathematical Methods in the Applied Sciences</i> , <b>2018</b> , 41, 6024-6049  | 2.3 | 0   |
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| 402 | A star-shaped carbazole-based hole-transporting material with triphenylamine side arms for perovskite solar cells. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 12912-12918                  | 7.1 | 64  |
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| 400 | Generalized Liouville-Caputo Fractional Differential Equations and Inclusions with Nonlocal Generalized Fractional Integral and Multipoint Boundary Conditions. <i>Symmetry</i> , <b>2018</b> , 10, 667    | 2.7 | 4   |
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| 398 | High-performance mixed-dimensional perovskite solar cells with enhanced stability against humidity, heat and UV light. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 20233-20241              | 13  | 17  |
| 397 | Synchronization of switched Boolean networks with impulsive effects. <i>International Journal of Biomathematics</i> , <b>2018</b> , 11, 1850080  | 1.8 | 10  |
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| 395 | Boundary Control for Exponential Stabilization of Nonlinear Distributed Parameter Systems Modeled by PIDEs. <i>IEEE Access</i> , <b>2018</b> , 6, 47889-47896  | 3.5 | 4   |
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| 385 | Highly Efficient Infrared Light-Converting Perovskite Solar Cells: Direct Electron Injection from NaYF <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> to the TiO <sub>2</sub> . <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 14004-14009 | 8.3 | 8   |
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| 383 | Numerical simulation for MHD Williamson fluid utilizing modified Darcy law. <i>Results in Physics</i> , <b>2018</b> , 10, 751-759  | 3.7 | 9   |
| 382 | Adaptive neural-network-based tracking control strategy of nonlinear switched non-lower triangular systems with unmodeled dynamics. <i>Neurocomputing</i> , <b>2018</b> , 322, 1-12  | 5.4 | 16  |
| 381 | Synchronization of dynamical networks with nonlinearly coupling function under hybrid pinning impulsive controllers. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 6520-6530   | 4   | 120 |
| 380 | Hierarchical Parameter Estimation for the Frequency Response Based on the Dynamical Window Data. <i>International Journal of Control, Automation and Systems</i> , <b>2018</b> , 16, 1756-1764   | 2.9 | 158 |
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| 376 | Open-circuit fault diagnosis of power rectifier using sparse autoencoder based deep neural network. <i>Neurocomputing</i> , <b>2018</b> , 311, 1-10  | 5.4 | 48  |
| 375 | Robust H <sub>∞</sub> state estimation for BAM neural networks with randomly occurring uncertainties and sensor saturations. <i>Neurocomputing</i> , <b>2018</b> , 311, 225-234  | 5.4 | 5   |
| 374 | Chemical reaction in peristaltic motion of MHD couple stress fluid in channel with Soret and Dufour effects. <i>Results in Physics</i> , <b>2018</b> , 10, 69-80   | 3.7 | 23  |
| 373 | Buoyancy effects in stagnation-point flow of Maxwell fluid utilizing non-Fourier heat flux approach. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192685  | 3.7 | 5   |

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| 369 | Reducing the Universal "Coffee-Ring Effect" by a Vapor-Assisted Spraying Method for High-Efficiency CHNHPbI Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 23466-23475 <sup>10</sup>                                       | 9.5  | 10  |
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| 367 | Existence of solutions for fractional differential equations with nonlocal and average type integral boundary conditions. <i>Journal of Applied Mathematics and Computing</i> , <b>2017</b> , 53, 129-145   | 1.8  | 10  |
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| 356 | Comparative Performance of Complex-Valued B-Spline and Polynomial Models Applied to Iterative Frequency-Domain Decision Feedback Equalization of Hammerstein Channels. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 2872-2884 | 10.3 | 9   |
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| 345 | Stochastic stability and stabilization of n -person random evolutionary Boolean games. <i>Applied Mathematics and Computation</i> , <b>2017</b> , 306, 1-12   | 2.7 | 34  |
| 344 | Global dissipativity of memristor-based neutral type inertial neural networks. <i>Neural Networks</i> , <b>2017</b> , 88, 125-133   | 9.1 | 89  |
| 343 | Axisymmetric squeezing flow of third grade fluid in presence of convective conditions. <i>Chinese Journal of Physics</i> , <b>2017</b> , 55, 738-754  | 3.5 | 31  |
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| 334 | Design and analysis of H <sub>∞</sub> filter for a class of T-S fuzzy system with redundant channels and multiplicative noises. <i>Neurocomputing</i> , <b>2017</b> , 260, 257-264                        | 5.4 | 12  |
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| 329 | Bifurcation control in a delayed two-neuron fractional network. <i>International Journal of Control, Automation and Systems</i> , <b>2017</b> , 15, 1134-1144   | 2.9 | 6   |
| 328 | Set stabilization of Boolean networks under pinning control strategy. <i>Neurocomputing</i> , <b>2017</b> , 260, 142-148  | 4.4 | 18  |
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| 326 | New bifurcation results for fractional BAM neural network with leakage delay. <i>Chaos, Solitons and Fractals</i> , <b>2017</b> , 100, 31-44  | 9.3 | 46  |
| 325 | Event-triggered control for sampled-data cluster formation of multi-agent systems. <i>Neurocomputing</i> , <b>2017</b> , 267, 25-35   | 5.4 | 26  |
| 324 | H <sub>∞</sub> and l <sub>2</sub> finite-horizon filtering with randomly occurring gain variations and quantization effects. <i>Applied Mathematics and Computation</i> , <b>2017</b> , 298, 171-187      | 2.7 | 17  |
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| 319 | Homogeneous-heterogeneous reactions in peristaltic flow of Prandtl fluid with thermal radiation. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 240, 504-513   | 6   | 32  |



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| 317 | Synchronization of nonlinear singularly perturbed complex networks with uncertain inner coupling via event triggered control. <i>Applied Mathematics and Computation</i> , <b>2017</b> , 311, 283-299      | 2.7  | 47  |
| 316 | Exponential and fixed-time synchronization of Cohen-Grossberg neural networks with time-varying delays and reaction-diffusion terms. <i>Applied Mathematics and Computation</i> , <b>2017</b> , 313, 37-51 | 2.7  | 52  |
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| 312 | Convective flow of Jeffrey nanofluid due to two stretchable rotating disks. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 240, 291-302   | 6    | 30  |
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| 308 | On three-dimensional flow of couple stress fluid with Cattaneo-Christov heat flux. <i>Chinese Journal of Physics</i> , <b>2017</b> , 55, 930-938   | 3.5  | 27  |
| 307 | A niching evolutionary algorithm with adaptive negative correlation learning for neural network ensemble. <i>Neurocomputing</i> , <b>2017</b> , 247, 173-182   | 5.4  | 19  |
| 306 | Global stability of quaternion-valued neural networks with non-differentiable time-varying delays. <i>Neurocomputing</i> , <b>2017</b> , 247, 202-212  | 5.4  | 65  |
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| 299 | Asymptotic Stability of Cohen-Crossberg BAM Neutral Type Neural Networks with Distributed Time Varying Delays. <i>Neural Processing Letters</i> , <b>2017</b> , 46, 991-1007                                   | 2.4  | 21   |
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| 297 | Cattaneo-Christov heat flux in flow by rotating disk with variable thickness. <i>European Physical Journal Plus</i> , <b>2017</b> , 132, 1   | 3.1  | 3    |
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| 295 | Three-dimensional flow of Jeffrey fluid with Cattaneo-Christov heat flux: An application to non-Fourier heat flux theory. <i>Chinese Journal of Physics</i> , <b>2017</b> , 55, 1067-1077                      | 3.5  | 13   |
| 294 | A comparative study of Casson fluid with homogeneous-heterogeneous reactions. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 498, 85-90   | 9.3  | 571  |
| 293 | Event-based filtering for time-varying nonlinear systems subject to multiple missing measurements with uncertain missing probabilities. <i>Information Fusion</i> , <b>2017</b> , 38, 74-83                    | 16.7 | 124  |
| 292 | Finite-time Stability of Fractional-order Complex-valued Neural Networks with Time Delays. <i>Neural Processing Letters</i> , <b>2017</b> , 46, 561-580  | 2.4  | 38   |
| 291 | Impact of heat generation/absorption and homogeneous-heterogeneous reactions on flow of Maxwell fluid. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 233, 465-470  | 6    | 67   |
| 290 | Global exponential stability and dissipativity of generalized neural networks with time-varying delay signals. <i>Neural Networks</i> , <b>2017</b> , 87, 149-159  | 9.1  | 50   |
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| 288 | A Resilient Approach to Distributed Filter Design for Time-Varying Systems Under Stochastic Nonlinearities and Sensor Degradation. <i>IEEE Transactions on Signal Processing</i> , <b>2017</b> , 65, 1300-1309 | 4.8  | 77   |
| 287 | Event-triggered multi-rate fusion estimation for uncertain system with stochastic nonlinearities and colored measurement noises. <i>Information Fusion</i> , <b>2017</b> , 36, 313-320                         | 16.7 | 80   |
| 286 | $\mathcal{H}_{\infty}$ Fuzzy Fault Detection for Uncertain 2-D Systems Under Round-Robin Scheduling Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 2172-2184 | 7.3  | 42   |
| 285 | A survey of deep neural network architectures and their applications. <i>Neurocomputing</i> , <b>2017</b> , 234, 11-26   | 5.4  | 1412 |
| 284 | Event-based recursive filtering for time-delayed stochastic nonlinear systems with missing measurements. <i>Signal Processing</i> , <b>2017</b> , 134, 158-165   | 4.4  | 42   |
| 283 | Stochastic set stabilisation of n -person random evolutionary Boolean games and its applications. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2152-2160                                     | 2.5  | 20   |

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| 274 | Pythagorean 2-tuple linguistic aggregation operators in multiple attribute decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2017</b> , 33, 1129-1142                                      | 1.6 | 120 |
| 273 | Bipolar 2-tuple linguistic aggregation operators in multiple attribute decision making. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2017</b> , 33, 1197-1207  | 1.6 | 94  |
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| 266 | Three-dimensional rotating flow of carbon nanotubes with Darcy-Forchheimer porous medium. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179576   | 3.7 | 47  |
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| 116 | Simultaneous effects of Hall current and thermal deposition in peristaltic transport of Eyring-Powell fluid. <i>International Journal of Biomathematics</i> , <b>2015</b> , 08, 1550024  | 1.8  | 7  |
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| 103 | Simultaneous effects of radial magnetic field and wall properties on peristaltic flow of Carreau-Yasuda fluid in curved flow configuration. <i>AIP Advances</i> , <b>2015</b> , 5, 127234                                      | 1.5  | 10 |

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| 101 | Marangoni mixed convection flow with Joule heating and nonlinear radiation. <i>AIP Advances</i> , <b>2015</b> , 5, 077140  | 1.5  | 33 |
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| 8  | Optimization of entropy production in flow of hybrid nanomaterials through Darcy-Borchheimer porous space. <i>Journal of Thermal Analysis and Calorimetry</i> ,1  | 4.1 | 10 |
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