Fuad E Alsaadi

List of Publications by Year
in descending order

893 papers	33,483 citations	4658 85 h-index	13379 130 g-index
899 all docs	899 docs citations	899 times ranked	17254 citing authors

#	Article	IF	Citations
1	Blowing-up solutions of differential equations with shifts: A survey. Discrete and Continuous Dynamical Systems - Series S, 2023, 16, 1537-1556.	1.1	1
2	Global projective synchronization in fractional‐order quaternion valued neural networks. Asian Journal of Control, 2022, 24, 227-236.	3.0	11
3	H_∞ State Estimation for BAM Neural Networks With Binary Mode Switching and Distributed Leakage Delays Under Periodic Scheduling Protocol. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4160-4172.	11.3	3
4	Optimization of entropy production in flow of hybrid nanomaterials through Darcy–Forchheimer porous space. Journal of Thermal Analysis and Calorimetry, 2022, 147, 5855-5864.	3.6	39
5	An improved generative adversarial network with modified loss function for crack detection in electromagnetic nondestructive testing. Complex & Intelligent Systems, 2022, 8, 467-476.	6.5	9
6	Scheduler-based state estimation over multiple channels networks. Information Fusion, 2022, 77, 211-219.	19.1	1
7	Secure Particle Filtering for Cyber-Physical Systems With Binary Sensors Under Multiple Attacks. IEEE Systems Journal, 2022, 16, 603-613.	4.6	5
8	EXISTENCE RESULTS FOR A COUPLED SYSTEM OF NONLINEAR FRACTIONAL q-INTEGRO-DIFFERENCE EQUATIONS WITH q-INTEGRAL-COUPLED BOUNDARY CONDITIONS. Fractals, 2022, 30, .	3.7	14
9	Empower parameterized generative adversarial networks using a novel particle swarm optimizer: algorithms and applications. International Journal of Machine Learning and Cybernetics, 2022, 13, 1145-1155.	3.6	4
10	Mean-square input-to-state stability for stochastic complex-valued neural networks with neutral delay. Neurocomputing, 2022, 470, 269-277.	5.9	17
11	Dynamic output‐feedback control for discrete time‐delayed systems with actuator saturations under round‐robin communication protocol. International Journal of Robust and Nonlinear Control, 2022, 32, 1703-1720.	3.7	6
12	Electric vehicle charging station planning with dynamic prediction of elastic charging demand: a hybrid particle swarm optimization algorithm. Complex & Intelligent Systems, 2022, 8, 1035-1046.	6.5	16
13	Dynamic event‐based recursive filtering for multirate systems with integral measurements over sensor networks. International Journal of Robust and Nonlinear Control, 2022, 32, 1374-1392.	3.7	7
14	Optimal control and zero-sum differential game for Hurwicz model considering singular systems with multifactor and uncertainty. International Journal of Systems Science, 2022, 53, 1416-1435.	5.5	24
15	Protocol-Based Fusion Estimator Design for State-Saturated Systems With Dead-Zone-Like Censoring Under Deception Attacks. IEEE Transactions on Signal and Information Processing Over Networks, 2022, 8, 37-48.	2.8	12
16	Ergodic stationary distribution and extinction of a staged progression HIV/AIDS infection model with nonlinear stochastic perturbations. Nonlinear Dynamics, 2022, 107, 3863-3886.	5.2	2
17	Computational treatment of statistical declaration probable error for flow of nanomaterials with irreversibility. Advances in Mechanical Engineering, 2022, 14, 168781402110709.	1.6	2
18	Neural-Network-Based Filtering for A General Class of Nonlinear Systems under Dynamically Bounded Innovations Over Sensor Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 1395-1408.	6.4	10

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19	Outlier-Resistant Filtering With Dead-Zone-Like Censoring Under Try-Once-Discard Protocol. IEEE Transactions on Signal Processing, 2022, 70, 714-728.	5.3	27
20	A stochastic turbidostat model with Ornstein-Uhlenbeck process: dynamics analysis and numerical simulations. Nonlinear Dynamics, 2022, 107, 2805-2817.	5.2	7
21	Global Mittag-Leffler stability for fractional-order quaternion-valued neural networks with piecewise constant arguments and impulses. International Journal of Systems Science, 2022, 53, 1756-1768.	5.5	14
22	Dynamical Behavior of a Stochastic Microorganism Flocculation Model with Nonlinear Perturbation. Qualitative Theory of Dynamical Systems, 2022, 21, 1.	1.7	3
23	Sampled-based consensus of multi-agent systems with bounded distributed time-delays and dynamic quantisation effects. International Journal of Systems Science, 2022, 53, 2390-2406.	5.5	19
24	Nash equilibrium and bang-bang property for the non-zero-sum differential game of multi-player uncertain systems with Hurwicz criterion. International Journal of Systems Science, 2022, 53, 2207-2218.	5.5	8
25	Stationary Distribution, Extinction and Probability Density Function of a Stochastic Vegetation–Water Model in Arid Ecosystems. Journal of Nonlinear Science, 2022, 32, 1.	2.1	12
26	Significance of Entropy Generation and the Coriolis Force on the Three-Dimensional Non-Darcy Flow of Ethylene-Glycol Conveying Carbon Nanotubes (SWCNTs and MWCNTs). Journal of Non-Equilibrium Thermodynamics, 2022, 47, 61-75.	4.2	52
27	Analysis of a Stochastic Phytoplankton–Zooplankton Model under Non-degenerate and Degenerate Diffusions. Journal of Nonlinear Science, 2022, 32, 1.	2.1	7
28	On a nonlinear coupled system of differential equations involving Hilfer fractional derivative and Riemann-Liouville mixed operators with nonlocal integro-multi-point boundary conditions. AIMS Mathematics, 2022, 7, 12718-12741.	1.6	5
29	Entropy optimized flow of Jeffrey fluid with radiation effect over a stretched surface. Advances in Mechanical Engineering, 2022, 14, 168781322210954.	1.6	0
30	A Fractional-Order Compartmental Model of Vaccination for COVID-19 with the Fear Factor. Mathematics, 2022, 10, 1451.	2.2	12
31	Differentially private containment control for multi-agent systems. International Journal of Systems Science, 2022, 53, 2814-2831.	5.5	12
32	A new framework for collaborative filtering with p-moment-based similarity measure: Algorithm, optimization and application. Knowledge-Based Systems, 2022, 248, 108874.	7.1	11
33	The well-posedness for semilinear time fractional wave equations on $\mathbb{R}^N$. Electronic Research Archive, 2022, 30, 2981-3003.	0.9	1
34	Dynamic event-triggered state estimation for time-delayed spatial-temporal networks under encoding-decoding scheme. Neurocomputing, 2022, 500, 868-876.	5.9	3
35	Existence Results for a Self-adjoint Coupled System of Three Nonlinear Ordinary Differential Equations with Cyclic Boundary Conditions. Qualitative Theory of Dynamical Systems, 2022, 21, .	1.7	1
36	A Local Approach to Distributed H_{∞}-Consensus State Estimation Over Sensor Networks Under Hybrid Attacks: Dynamic Event-Triggered Scheme. IEEE Transactions on Signal and Information Processing Over Networks, 2022, 8, 556-570.	2.8	16

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37	Recursive Quadratic Filtering for Linear Discrete Non-Gaussian Systems Over Time-Correlated Fading Channels. IEEE Transactions on Signal Processing, 2022, 70, 3343-3356.	5.3	8
38	Well-posedness and blow-up results for a class of nonlinear fractional Rayleigh-Stokes problem. Advances in Nonlinear Analysis, 2022, 11, 1579-1597.	2.6	4
39	Event-triggered privacy-preserving bipartite consensus for multi-agent systems based on encryption. Neurocomputing, 2022, 503, 162-172.	5.9	0
40	Unsteady MHD chemically reactive dissipative flow of nanofluid due to rotating cone. Numerical Heat Transfer; Part A: Applications, 2022, 82, 441-454.	2.1	5
41	A survey on parameter identification, state estimation and data analytics for lateral flow immunoassay: from systems science perspective. International Journal of Systems Science, 2022, 53, 3556-3576.	5.5	46
42	H_∞ fusion estimation for uncertain discrete time-delayed Hamiltonian systems with sensor saturations: An event-triggered approach. Information Fusion, 2022, 86-87, 93-103.	19.1	5
43	A Dynamic Event-Triggered Approach to H_∞ Control for Discrete-Time Singularly Perturbed Systems With Time-Delays and Sensor Saturations. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6614-6625.	9.3	31
44	Output Consensus of Multiagent Systems Based on PDEs With Input Constraint: A Boundary Control Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 370-377.	9.3	39
45	Sampled-Based Consensus for Nonlinear Multiagent Systems With Deception Attacks: The Decoupled Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 561-573.	9.3	113
46	Modeling and analysis of peristalsis of hybrid nanofluid with entropy generation. Journal of Thermal Analysis and Calorimetry, 2021, 143, 1231-1249.	3.6	8
47	Marangoni Forced Convective Flow of Second Grade Fluid with Irreversibility Analysis and Chemical Reaction. International Journal of Thermophysics, 2021, 42, 1.	2.1	10
48	A novel randomised particle swarm optimizer. International Journal of Machine Learning and Cybernetics, 2021, 12, 529-540.	3.6	67
49	Correlation Analysis-based Stochastic Gradient and Least Squares Identification Methods for Errors-in-variables Systems Using the Multiinnovation. International Journal of Control, Automation and Systems, 2021, 19, 289-300.	2.7	8
50	Global existence and blow-up for a space and time nonlocal reaction-diffusion equation. Quaestiones Mathematicae, 2021, 44, 747-753.	0.6	6
51	Robust stability of fractional-order quaternion-valued neural networks with neutral delays and parameter uncertainties. Neurocomputing, 2021, 420, 70-81.	5.9	80
52	ℓ_2–ℓ_∞ proportional–integral observer design for systems with mixed time–delays under round–robin protocol. International Journal of Robust and Nonlinear Control, 2021, 31, 887-906.	3.7	5
53	On finite-horizon H_∞ state estimation for discrete-time delayed memristive neural networks under stochastic communication protocol. Information Sciences, 2021, 555, 280-292.	6.9	17
54	Particle Filtering for Nonlinear/Non-Gaussian Systems With Energy Harvesting Sensors Subject to Randomly Occurring Sensor Saturations. IEEE Transactions on Signal Processing, 2021, 69, 15-27.	5.3	20

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55	Maximum‐correntropy‐based Kalman filtering for time‐varying systems with randomly occurring uncertainties: An event‐triggered approach. International Journal of Robust and Nonlinear Control, 2021, 31, 1582-1599.	3.7	1
56	Event-triggered state estimation for Markovian jumping neural networks: On mode-dependent delays and uncertain transition probabilities. Neurocomputing, 2021, 424, 226-235.	5.9	32
57	Existence theory for a system of coupled multi‐term fractional differential equations with integral multi‐strip coupled boundary conditions. Mathematical Methods in the Applied Sciences, 2021, 44, 2325-2342.	2.3	6
58	On the sub‐diffusion fractional initial value problem with time variable order. Advances in Nonlinear Analysis, 2021, 10, 1301-1315.	2.6	7
59	Gyrotactic microorganism and bio-convection during flow of Prandtl-Eyring nanomaterial. Nonlinear Engineering, 2021, 10, 201-212.	2.7	23
60	Fixed-time control of competitive complex networks. Neural Computing and Applications, 2021, 33, 7943-7951.	5.6	5
61	Distributed Auxiliary Particle Filtering With Diffusion Strategy for Target Tracking: A Dynamic Event-Triggered Approach. IEEE Transactions on Signal Processing, 2021, 69, 328-340.	5.3	25
62	Tobit Kalman filtering for fractional‐order systems with stochastic nonlinearities under Round‐Robin protocol. International Journal of Robust and Nonlinear Control, 2021, 31, 2348-2370.	3.7	19
63	Blowing-up solutions of the time-fractional dispersive equations. Advances in Nonlinear Analysis, 2021, 10, 952-971.	2.6	23
64	Numerical treatment of melting heat transfer and entropy generation in stagnation point flow of hybrid nanomaterials (SWCNT-MWCNT/engine oil). Modern Physics Letters B, 2021, 35, 2150102.	1.9	21
65	Dynamical behavior of a stochastic Nicholson's blowflies model with distributed delay and degenerate diffusion. Nonlinear Dynamics, 2021, 103, 2081-2096.	5.2	7
66	Analysis of entropy production and activation energy in hydromagnetic rotating flow of nanoliquid with velocity slip and convective conditions. Journal of Thermal Analysis and Calorimetry, 2021, 146, 2561-2576.	3.6	14
67	Stabilization of T-S fuzzy fractional rectangular descriptor time-delay system. International Journal of Systems Science, 2021, 52, 2268-2282.	5.5	14
68	Extended Gradient-based Iterative Algorithm for Bilinear State-space Systems with Moving Average Noises by Using the Filtering Technique. International Journal of Control, Automation and Systems, 2021, 19, 1597-1606.	2.7	28
69	Stationary distribution and probability density function of a stochastic SVIS epidemic model with standard incidence and vaccination strategies. Chaos, Solitons and Fractals, 2021, 143, 110601.	5.1	21
70	Deep-reinforcement-learning-based images segmentation for quantitative analysis of gold immunochromatographic strip. Neurocomputing, 2021, 425, 173-180.	5.9	100
71	Auxiliary model‐based iterative parameter estimation for a nonlinear output‐error system with saturation and dead‐zone nonlinearity. International Journal of Robust and Nonlinear Control, 2021, 31, 4262-4286.	3.7	10
72	A PSO-based deep learning approach to classifying patients from emergency departments. International Journal of Machine Learning and Cybernetics, 2021, 12, 1939-1948.	3.6	39

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73	Parameter estimation for an exponential autoregressive time series model by the Newton search and multi-innovation theory. International Journal of Systems Science, 2021, 52, 2630-2645.	5.5	1
74	Hierarchical recursive signal modeling for multifrequency signals based on discrete measured data. International Journal of Adaptive Control and Signal Processing, 2021, 35, 676-693.	4.1	119
75	Existence results for a coupled system of nonlinear multiâ€term fractional differential equations with antiâ€periodic type coupled nonlocal boundary conditions. Mathematical Methods in the Applied Sciences, 2021, 44, 8739-8758.	2.3	5
76	On $â„‚_2 â€“ â„‚_∞$ output-feedback control scheduled by stochastic communication protocol for two-dimensional switched systems. International Journal of Systems Science, 2021, 52, 2961-2976.	5.5	88
77	Passive filter design for fractional-order quaternion-valued neural networks with neutral delays and external disturbance. Neural Networks, 2021, 137, 18-30.	5.9	33
78	SARSA in extended Kalman Filter for complex urban environments positioning. International Journal of Systems Science, 2021, 52, 3044-3059.	5.5	4
79	Recursive least squares estimation methods for a class of nonlinear systems based on nonâ€uniform sampling. International Journal of Adaptive Control and Signal Processing, 2021, 35, 1612-1632.	4.1	12
80	Self-triggered filter design for a class of nonlinear stochastic systems with Markovian jumping parameters. Nonlinear Analysis: Hybrid Systems, 2021, 40, 101022.	3.5	9
81	Recursive filtering for stochastic parameter systems with measurement quantizations and packet disorders. Applied Mathematics and Computation, 2021, 398, 125960.	2.2	6
82	On a Coupled Integro-Differential System Involving Mixed Fractional Derivatives and Integrals of Different Orders. Acta Mathematica Scientia, 2021, 41, 1366-1384.	1.0	3
83	On electroosmosis in peristaltic activity of MHD non-Newtonian fluid. AEJ - Alexandria Engineering Journal, 2021, 60, 3369-3377.	6.4	37
84	Recursive State Estimation for Stochastic Complex Networks Under Round-Robin Communication Protocol: Handling Packet Disorders. IEEE Transactions on Network Science and Engineering, 2021, 8, 2455-2468.	6.4	16
85	Rotating flow of viscous nanomaterial with radiation and entropy generation. Advances in Mechanical Engineering, 2021, 13, 168781402110421.	1.6	1
86	A mathematical simulation of unsteady MHD Casson nanofluid flow subject to the influence of chemical reaction over a stretching surface: Buongiorno's model. Heat Transfer, 2021, 50, 8640-8655.	3.0	10
87	Global asymptotic stability of fractional-order complex-valued neural networks with probabilistic time-varying delays. Neurocomputing, 2021, 450, 311-318.	5.9	25
88	Robust stability for a class of fractional-order complex-valued projective neural networks with neutral-type delays and uncertain parameters. Neurocomputing, 2021, 450, 399-410.	5.9	19
89	Aitken-based Acceleration Estimation Algorithms for a Nonlinear Model with Exponential Terms by Using the Decomposition. International Journal of Control, Automation and Systems, 2021, 19, 3720.	2.7	2
90	A New GAN-Based Approach to Data Augmentation and Image Segmentation for Crack Detection in Thermal Imaging Tests. Cognitive Computation, 2021, 13, 1263-1273.	5.2	17

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91	Intermittent dynamic event-triggered state estimation for delayed complex networks based on partial nodes. Neurocomputing, 2021, 459, 59-69.	5.9	16
92	Finite-time and fixed-time bipartite synchronization of complex networks with signed graphs. Mathematics and Computers in Simulation, 2021, 188, 319-329.	4.4	27
93	Fuzzy synchronization of fractional-order chaotic systems using finite-time command filter. Information Sciences, 2021, 579, 325-346.	6.9	12
94	Two approaches to partial-nodes-based state estimation for delayed complex networks with intermittent measurement transmissions. Information Fusion, 2021, 76, 315-322.	19.1	3
95	State-of-charge estimation for Li-ion batteries with uncertain parameters and uncorrelated/correlated noises: a recursive approach. International Journal of Systems Science, 2021, 52, 1675-1691.	5.5	9
96	Federated Tobit Kalman Filtering Fusion With Dead-Zone-Like Censoring and Dynamical Bias Under the Round-Robin Protocol. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 1-16.	2.8	19
97	On a nonlinear system of Riemann-Liouville fractional differential equations with semi-coupled integro-multipoint boundary conditions. Open Mathematics, 2021, 19, 760-772.	1.0	5
98	Multi-Sensor Filtering Fusion With Parametric Uncertainties and Measurement Censoring: Monotonicity and Boundedness. IEEE Transactions on Signal Processing, 2021, 69, 5875-5890.	5.3	19
99	Dynamic event-based non-fragile state estimation for complex networks via partial nodes information. Journal of the Franklin Institute, 2021, 358, 10193-10212.	3.4	8
100	Mixed convective flow of CNTs nanofluid subject to varying viscosity and reactions. Scientific Reports, 2021, 11, 22838.	3.3	18
101	Irreversibility analysis in dissipative magnetohydromagnetic flow of non-Newtonian nanomaterials. Nanomaterials and Nanotechnology, 2021, 11, 184798042110564.	3.0	0
102	Nonfragile l_{2} –l_{∞} Fault Estimation for Markovian Jump 2-D Systems With Specified Power Bounds. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1964-1975.	9.3	51
103	Dynamic Event-Triggered State Estimation for Discrete-Time Singularly Perturbed Systems With Distributed Time-Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3258-3268.	9.3	86
104	Blow-up of smooth solutions of the time-fractional Burgers equation. Quaestiones Mathematicae, 2020, 43, 185-192.	0.6	4
105	Significance of homogeneous–heterogeneous reactions in Darcy–Forchheimer three-dimensional rotating flow of carbon nanotubes. Journal of Thermal Analysis and Calorimetry, 2020, 139, 183-195.	3.6	42
106	Extended dissipativity and event-triggered synchronization for T–S fuzzy Markovian jumping delayed stochastic neural networks with leakage delays via fault-tolerant control. Soft Computing, 2020, 24, 3675-3694.	3.6	27
107	Flow of Fe3O4 nanofluid with dust and nanoparticles. Applied Nanoscience (Switzerland), 2020, 10, 3115-3122.	3.1	11
108	Nonlinear radiative heat flux in Oldroyd-B nanofluid flow with Soret and Dufour effects. Applied Nanoscience (Switzerland), 2020, 10, 3103-3113.	3.1	8

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109	Detection of intermittent faults for nonuniformly sampled multi-rate systems with dynamic quantisation and missing measurements. International Journal of Control, 2020, 93, 898-909.	1.9	41
110	Influence of stochastic perturbation on an SIRI epidemic model with relapse. Applicable Analysis, 2020, 99, 549-568.	1.3	3
111	Sampled-Data State Feedback Control for the Set Stabilization of Boolean Control Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1580-1589.	9.3	40
112	MABAC method for multiple attribute group decision making under pictureÂ2-tuple linguistic environment. Soft Computing, 2020, 24, 5819-5829.	3.6	46
113	Stationary Distribution and Extinction of a Stochastic HIV-1 Infection Model with Distributed Delay and Logistic Growth. Journal of Nonlinear Science, 2020, 30, 369-395.	2.1	17
114	Heat transport and entropy optimization in flow of magneto-Williamson nanomaterial with Arrhenius activation energy. Computer Methods and Programs in Biomedicine, 2020, 183, 105051.	4.7	30
115	Dynamic event-triggered mechanism for H_∞ non-fragile state estimation of complex networks under randomly occurring sensor saturations. Information Sciences, 2020, 509, 304-316.	6.9	80
116	Magnetohydrodynamic flow of Maxwell nanofluid with binary chemical reaction and Arrhenius activation energy. Applied Nanoscience (Switzerland), 2020, 10, 2951-2963.	3.1	13
117	Investigation of physical aspects of cubic autocatalytic chemically reactive flow of second grade nanomaterial with entropy optimization. Computer Methods and Programs in Biomedicine, 2020, 183, 105061.	4.7	27
118	Fusion estimation for multi-rate linear repetitive processes under weighted try-once-discard protocol. Information Fusion, 2020, 55, 281-291.	19.1	100
119	Entropy generation in nonlinear mixed convective flow of nanofluid in porous space influenced by Arrhenius activation energy and thermal radiation. Journal of Thermal Analysis and Calorimetry, 2020, 140, 799-809.	3.6	32
120	Transportation of entropy optimization in radiated chemically dissipative flow of Prandtlâ€"Eyring nanofluid with activation energy. Computer Methods and Programs in Biomedicine, 2020, 184, 105130.	4.7	15
121	Finite-time event-triggered non-fragile control and fault detection for switched networked systems with random packet losses. Journal of the Franklin Institute, 2020, 357, 11394-11420.	3.4	26
122	Regulation of game result for n â€person random evolutionary Boolean games. Asian Journal of Control, 2020, 22, 2353-2362.	3.0	6
123	A Novel 5D Chaotic System with Extreme Multi-stability and a Line of Equilibrium and Its Engineering Applications: Circuit Design and FPGA Implementation. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2020, 44, 59-67.	2.3	15
124	Hydromagnetic squeezed flow of second-grade nanomaterials between two parallel disks. Journal of Thermal Analysis and Calorimetry, 2020, 139, 2067-2077.	3.6	9
125	Numerical study for peristalsis of Sisko nanomaterials with entropy generation. Journal of Thermal Analysis and Calorimetry, 2020, 139, 2129-2143.	3.6	19
126	Darcyâ€"Forchheimer three-dimensional flow of carbon nanotubes with nonlinear thermal radiation. Journal of Thermal Analysis and Calorimetry, 2020, 140, 2711-2720.	3.6	9

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127	Global Mittag-Leffler stability analysis of impulsive fractional-order complex-valued BAM neural networks with time varying delays. Communications in Nonlinear Science and Numerical Simulation, 2020, 83, 105088.	3.3	67
128	Electrochemically Derived Graphene‐Like Carbon Film as a Superb Substrate for High‐Performance Aqueous Zn‐Ion Batteries. Advanced Functional Materials, 2020, 30, 1907120.	14.9	78
129	Finite-time synchronization of sampled-data Markovian jump complex dynamical networks with additive time-varying delays based on dissipative theory. Journal of Computational and Applied Mathematics, 2020, 368, 112578.	2.0	17
130	Extended feedback and simulation strategies for a delayed fractional-order control system. Physica A: Statistical Mechanics and Its Applications, 2020, 545, 123127.	2.6	5
131	Joint Multi-innovation Recursive Extended Least Squares Parameter and State Estimation for a Class of State-space Systems. International Journal of Control, Automation and Systems, 2020, 18, 1412-1424.	2.7	55
132	A delay‐dependent asymptotic stability criteria for uncertain BAM neural networks with leakage and discrete time‐varying delays: A novel summation inequality. Asian Journal of Control, 2020, 22, 1880-1891.	3.0	10
133	Event-triggering Consensus for Second-order Leader-following Multiagent Systems with Nonlinear Time-delayed Dynamics. International Journal of Control, Automation and Systems, 2020, 18, 1083-1093.	2.7	8
134	Eyring–Powell nanofluid flow with nonlinear mixed convection: Entropy generation minimization. Computer Methods and Programs in Biomedicine, 2020, 186, 105183.	4.7	56
135	Chemical reactive flow of Jeffrey fluid due to a rotating disk with non-Fourier heat flux theory. Journal of Thermal Analysis and Calorimetry, 2020, 140, 2461-2470.	3.6	5
136	Dynamic optimal control of enhancing feedback treatment for a delayed fractional order predator–prey model. Physica A: Statistical Mechanics and Its Applications, 2020, 554, 124136.	2.6	18
137	Finite-time event-triggered non-fragile state estimation for discrete-time delayed neural networks with randomly occurring sensor nonlinearity and energy constraints. Neurocomputing, 2020, 384, 115-129.	5.9	11
138	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e21" altimg="si3.svg"><mml:msup><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mi>∞</mml:mi></mml:mrow></mml:msup></mml:mr of solutions of a system of strongly coupled space–time fractional evolution equations. Applied Mathematics Letters, 2020, 103, 106174.	2.7	1
139	Dynamical behavior of stochastic predator-prey models with distributed delay and general functional response. Stochastic Analysis and Applications, 2020, 38, 403-426.	1.5	6
140	Cattaneo-Christov (CC) heat flux model for nanomaterial stagnation point flow of Oldroyd-B fluid. Computer Methods and Programs in Biomedicine, 2020, 187, 105247.	4.7	48
141	Recursive state estimation for linear systems with lossy measurements under time-correlated multiplicative noises. Journal of the Franklin Institute, 2020, 357, 1887-1908.	3.4	13
142	VIKOR method for multiple criteria group decision making under 2-tuple linguistic neutrosophic environment. Economic Research-Ekonomska Istrazivanja, 2020, 33, 3185-3208.	4.7	22
143	Fractional-Order Integro-Differential Multivalued Problems with Fixed and Nonlocal Anti-Periodic Boundary Conditions. Mathematics, 2020, 8, 1774.	2.2	2
144	Synchronization of Stochastic Complex Dynamical Networks with Mixed Time-Varying Coupling Delays. Neural Processing Letters, 2020, 52, 1233-1250.	3.2	8

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145	Existence of Positive Solutions for a System of Singular Fractional Boundary Value Problems with p-Laplacian Operators. Mathematics, 2020, 8, 1890.	2.2	13
146	Maximum likelihood‐based adaptive differential evolution identification algorithm for multivariable systems in the state‐space form. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1658-1676.	4.1	4
147	Existence Results for Nonlocal Multi-Point and Multi-Term Fractional Order Boundary Value Problems. Axioms, 2020, 9, 70.	1.9	1
148	Existence Results for Fractional Order Single-Valued and Multi-Valued Problems with Integro-Multistrip-Multipoint Boundary Conditions. Fractal and Fractional, 2020, 4, 31.	3.3	4
149	Stochastic containment control for a class of nonlinear multi-agent system with switched topology and mixed time-delays. International Journal of Systems Science, 2020, 51, 2520-2532.	5.5	3
150	Three‐stage least squares‐based iterative estimation algorithms for bilinear state‐space systems based on the bilinear state estimator. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1501-1518.	4.1	2
151	Distributed event‐triggered nonfragile H_{∞} control for networked nonlinear systems with energy constraints and redundant channels: Observer‐based case. International Journal of Robust and Nonlinear Control, 2020, 30, 7150-7168.	3.7	11
152	Parameter identification of a nonlinear radial basis function‐based state‐dependent autoregressive network with autoregressive noise via the filtering technique and the multiinnovation theory. International Journal of Robust and Nonlinear Control, 2020, 30, 7619-7634.	3.7	1
153	Entropy optimization for peristalsis of Rabinowitsch nanomaterial. Applied Nanoscience (Switzerland), 2020, 10, 4177-4190.	3.1	4
154	Stationary distribution and extinction of a stochastic staged progression AIDS model with staged treatment and second-order perturbation. Chaos, Solitons and Fractals, 2020, 140, 110238.	5.1	37
155	On Caputo–Riemann–Liouville Type Fractional Integro-Differential Equations with Multi-Point Sub-Strip Boundary Conditions. Mathematics, 2020, 8, 1899.	2.2	4
156	Parameter estimation for time‐delay systems based on the frequency responses and harmonic balance methods. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1779-1798.	4.1	2
157	Dynamics of the Stochastic Belousov-Zhabotinskii Chemical Reaction Model. Mathematics, 2020, 8, 663.	2.2	2
158	Adaptive outer synchronization between two delayed oscillator networks with cross couplings. Science China Information Sciences, 2020, 63, 1.	4.3	6
159	Asymptotic stability and synchronization for nonlinear distributed-order system with uncertain parameters. Neurocomputing, 2020, 404, 276-282.	5.9	6
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