Fuad E Alsaadi

List of Publications by Year
in descending order

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Version: 2024-02-01

893	33,483	4653	13365
papers	citations	85 h-index	130 g-index

899	899	899	17254
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A survey of deep neural network architectures and their applications. Neurocomputing, 2017, 234, 11-26.	3.5	2,242
2	A comparative study of Casson fluid with homogeneous-heterogeneous reactions. Journal of Colloid and Interface Science, 2017, 498, 85-90.	5.0	631
3	New properties of conformable derivative. Open Mathematics, 2015, 13, .	0.5	355
4	Entropy generation in flow with silver and copper nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 539, 335-346.	2.3	253
5	Activation energy impact in nonlinear radiative stagnation point flow of Cross nanofluid. International Communications in Heat and Mass Transfer, 2018, 91, 216-224.	2.9	229
6	An ecological risk assessment of heavy metal pollution of the agricultural ecosystem near a lead-acid battery factory. Ecological Indicators, 2014, 47, 210-218.	2.6	207
7	The Effect of Hydrophobicity of Ammonium Salts on Stability of Quasiâ€2D Perovskite Materials in Moist Condition. Advanced Energy Materials, 2018, 8, 1800051.	10.2	205
8	Analysis of time-fractional hunter-saxton equation: a model of neumatic liquid crystal. Open Physics, 2016, 14, 145-149.	0.8	192
9	Hierarchical Parameter Estimation for the Frequency Response Based on the Dynamical Window Data. International Journal of Control, Automation and Systems, 2018, 16, 1756-1764.	1.6	191
10	Projection models for multiple attribute decision making with picture fuzzy information. International Journal of Machine Learning and Cybernetics, 2018, 9, 713-719.	2.3	189
11	Adaptive Neural State-Feedback Tracking Control of Stochastic Nonlinear Switched Systems: An Average Dwell-Time Method. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1076-1087.	7.2	186
12	Finite-Time Synchronization of Networks via Quantized Intermittent Pinning Control. IEEE Transactions on Cybernetics, 2018, 48, 3021-3027.	6.2	183
13	Eventâ€based security control for discreteâ€time stochastic systems. IET Control Theory and Applications, 2016, 10, 1808-1815.	1.2	179
14	A revised model for Darcy-Forchheimer flow of Maxwell nanofluid subject to convective boundary condition. Chinese Journal of Physics, 2017, 55, 963-976.	2.0	173
15	High-Speed Spot Diffusing Mobile Optical Wireless System Employing Beam Angle and Power Adaptation and Imaging Receivers. Journal of Lightwave Technology, 2010, 28, 2191-2206.	2.7	170
16	Event-triggered H âˆž state estimation for discrete-time stochastic genetic regulatory networks with Markovian jumping parameters and time-varying delays. Neurocomputing, 2016, 174, 912-920.	3.5	170
17	Fast and Efficient Adaptation Algorithms for Multi-Gigabit Wireless Infrared Systems. Journal of Lightwave Technology, 2013, 31, 3735-3751.	2.7	164
18	The role of graphene oxide and graphene oxide-based nanomaterials in the removal of pharmaceuticals from aqueous media: a review. Environmental Science and Pollution Research, 2017, 24, 7938-7958.	2.7	164

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19	Entropy generation in magnetohydrodynamic radiative flow due to rotating disk in presence of viscous dissipation and Joule heating. Physics of Fluids, 2018, 30, .	1.6	164
20	Bipolar Fuzzy Hamacher Aggregation Operators in Multiple Attribute Decision Making. International Journal of Fuzzy Systems, 2018, 20, 1-12.	2.3	161
21	A switching delayed PSO optimized extreme learning machine for short-term load forecasting. Neurocomputing, 2017, 240, 175-182.	3.5	160
22	Entropy generation minimization and binary chemical reaction with Arrhenius activation energy in MHD radiative flow of nanomaterial. Journal of Molecular Liquids, 2018, 259, 274-283.	2.3	154
23	Hesitant pythagorean fuzzy hamacher aggregation operators and their application to multiple attribute decision making. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1105-1117.	0.8	151
24	Temperature-assisted rapid nucleation: a facile method to optimize the film morphology for perovskite solar cells. Journal of Materials Chemistry A, 2017, 5, 20327-20333.	5.2	148
25	Deep Belief Networks for Quantitative Analysis of a Gold Immunochromatographic Strip. Cognitive Computation, 2016, 8, 684-692.	3.6	146
26	Event-based filtering for time-varying nonlinear systems subject to multiple missing measurements with uncertain missing probabilities. Information Fusion, 2017, 38, 74-83.	11.7	145
27	Robust fixed-time synchronization for uncertain complex-valued neural networks with discontinuous activation functions. Neural Networks, 2017, 90, 42-55.	3.3	144
28	Effects of homogeneous and heterogeneous reactions in flow of nanofluids over a nonlinear stretching surface with variable surface thickness. Journal of Molecular Liquids, 2016, 221, 1121-1127.	2.3	143
29	Bi-functional additive engineering for high-performance perovskite solar cells with reduced trap density. Journal of Materials Chemistry A, 2019, 7, 6450-6458.	5.2	143
30	Picture 2-tuple linguistic aggregation operators in multiple attribute decision making. Soft Computing, 2018, 22, 989-1002.	2.1	140
31	A Distributed Finite-Time Consensus Algorithm for Higher-Order Leaderless and Leader-Following Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1625-1634.	5.9	139
32	Estimation, filtering and fusion for networked systems with network-induced phenomena: New progress and prospects. Information Fusion, 2016, 31, 65-75.	11.7	137
33	Pythagorean 2-tuple linguistic aggregation operators in multiple attribute decision making. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1129-1142.	0.8	137
34	Distributed filtering for nonlinear timeâ€delay systems over sensor networks subject to multiplicative link noises and switching topology. International Journal of Robust and Nonlinear Control, 2019, 29, 2941-2959.	2.1	135
35	Synchronization of dynamical networks with nonlinearly coupling function under hybrid pinning impulsive controllers. Journal of the Franklin Institute, 2018, 355, 6520-6530.	1.9	131
36	Recursive parameter identification of the dynamical models for bilinear state space systems. Nonlinear Dynamics, 2017, 89, 2415-2429.	2.7	129

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37	Finite-Time State Estimation for Recurrent Delayed Neural Networks With Component-Based Event-Triggering Protocol. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1046-1057.	7.2	124
38	Entropy generation in Darcy-Forchheimer bidirectional flow of water-based carbon nanotubes with convective boundary conditions. Journal of Molecular Liquids, 2018, 265, 629-638.	2.3	124
39	Non-fragile state estimation for discrete Markovian jumping neural networks. Neurocomputing, 2016, 179, 238-245.	3.5	121
40	A Linear Assignment Method for Multiple Criteria Decision Analysis with Hesitant Fuzzy Sets Based on Fuzzy Measure. International Journal of Fuzzy Systems, 2017, 19, 607-614.	2.3	121
41	Hierarchical recursive signal modeling for multifrequency signals based on discrete measured data. International Journal of Adaptive Control and Signal Processing, 2021, 35, 676-693.	2.3	119
42	A multi-innovation state and parameter estimation algorithm for a state space system with d-step state-delay. Signal Processing, 2017, 140, 97-103.	2.1	118
43	Adaptive fuzzy outputâ€feedback tracking control for switched stochastic pureâ€feedback nonlinear systems. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1567-1582.	2.3	118
44	A Novel Switching Delayed PSO Algorithm for Estimating Unknown Parameters of Lateral Flow Immunoassay. Cognitive Computation, 2016, 8, 143-152.	3.6	117
45	Bifurcations in a delayed fractional complex-valued neural network. Applied Mathematics and Computation, 2017, 292, 210-227.	1.4	117
46	Finite-Horizon ${mathcal H}_{infty }$ Consensus Control of Time-Varying Multiagent Systems With Stochastic Communication Protocol. IEEE Transactions on Cybernetics, 2017, 47, 1830-1840.	6.2	116
47	Global dissipativity analysis for delayed quaternion-valued neural networks. Neural Networks, 2017, 89, 97-104.	3.3	114
48	Finite-time synchronization of uncertain coupled switched neural networks under asynchronous switching. Neural Networks, 2017, 85, 128-139.	3.3	114
49	Parameter estimation for pseudoâ€linear systems using the auxiliary model and the decomposition technique. IET Control Theory and Applications, 2017, 11, 390-400.	1.2	113
50	A Novel Neural-Network-Based Adaptive Control Scheme for Output-Constrained Stochastic Switched Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 418-432.	5.9	113
51	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.	5.9	113
52	Adaptive Mobile Line Strip Multibeam MC-CDMA Optical Wireless System Employing Imaging Detection in a Real Indoor Environment. IEEE Journal on Selected Areas in Communications, 2009, 27, 1663-1675.	9.7	112
53	Hesitant bipolar fuzzy aggregation operators in multiple attribute decision making. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1119-1128.	0.8	111
54	Recent advances on filtering and control for cyber-physical systems under security and resource constraints. Journal of the Franklin Institute, 2016, 353, 2451-2466.	1.9	110

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55	Global dissipativity of memristor-based neutral type inertial neural networks. Neural Networks, 2017, 88, 125-133.	3.3	110
56	Controlling bifurcation in a delayed fractional predatorâ€“prey system with incommensurate orders. Applied Mathematics and Computation, 2017, 293, 293-310.	1.4	110
57	Event-triggered multi-rate fusion estimation for uncertain system with stochastic nonlinearities and colored measurement noises. Information Fusion, 2017, 36, 313-320.	11.7	109
58	Iterative parameter identification for pseudoâ€linear systems with ARMA noise using the filtering technique. IET Control Theory and Applications, 2018, 12, 892-899.	1.2	108
59	Effect of Joule Heating and Thermal Radiation in Flow of Third Grade Fluid over Radiative Surface. PLoS ONE, 2014, 9, e83153.	1.1	106
60	Observer-Based Consensus Control for Discrete-Time Multiagent Systems With Codingâ€“Decoding Communication Protocol. IEEE Transactions on Cybernetics, 2019, 49, 4335-4345.	6.2	106
61	A Resilient Approach to Distributed Filter Design for Time-Varying Systems Under Stochastic Nonlinearities and Sensor Degradation. IEEE Transactions on Signal Processing, 2017, 65, 1300-1309.	3.2	104
62	Robust ${mathscr {H}}_{infty }$ Filtering for a Class of Two-Dimensional Uncertain Fuzzy Systems With Randomly Occurring Mixed Delays. IEEE Transactions on Fuzzy Systems, 2017, 25, 70-83.	6.5	103
63	Hâˆž Control for 2-D Fuzzy Systems With Interval Time-Varying Delays and Missing Measurements. IEEE Transactions on Cybernetics, 2016, 47, 1-12.	6.2	102
64	Adaptive fuzzy prescribed performance controller design for a class of uncertain fractional-order nonlinear systems with external disturbances. Neurocomputing, 2017, 219, 422-430.	3.5	102
65	Collective responses in electrical activities of neurons under field coupling. Scientific Reports, 2018, 8, 1349.	1.6	101
66	Fusion estimation for multi-rate linear repetitive processes under weighted try-once-discard protocol. Information Fusion, 2020, 55, 281-291.	11.7	100
67	Deep-reinforcement-learning-based images segmentation for quantitative analysis of gold immunochromatographic strip. Neurocomputing, 2021, 425, 173-180.	3.5	100
68	Recursive Distributed Filtering for a Class of State-Saturated Systems With Fading Measurements and Quantization Effects. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 930-941.	5.9	99
69	Magnetohydrodynamic (MHD) flow of Cu-water nanofluid due to a rotating disk with partial slip. AIP Advances, 2015, 5, .	0.6	98
70	Bipolar 2-tuple linguistic aggregation operators in multiple attribute decision making. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1197-1207.	0.8	98
71	Adaptive Neural-Network-Based Dynamic Surface Control for Stochastic Interconnected Nonlinear Nonstrict-Feedback Systems With Dead Zone. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1386-1398.	5.9	98
72	Design of non-fragile state estimators for discrete time-delayed neural networks with parameter uncertainties. Neurocomputing, 2016, 182, 18-24.	3.5	97

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73	Dissipativity and stability analysis of fractional-order complex-valued neural networks with time delay. Neural Networks, 2017, 86, 42-53.	3.3	97
74	Boundedness and global robust stability analysis of delayed complex-valued neural networks with interval parameter uncertainties. Neural Networks, 2018, 103, 55-62.	3.3	97
75	Event-triggered robust distributed state estimation for sensor networks with state-dependent noises. International Journal of General Systems, 2015, 44, 254-266.	1.2	96
76	Event-based state estimation for a class of complex networks with time-varying delays: A comparison principle approach. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 10-18.	0.9	96
77	Entropy generation optimization and unsteady squeezing flow of viscous fluid with five different shapes of nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 554, 197-210.	2.3	95
78	Finite-time stability analysis of fractional-order complex-valued memristor-based neural networks with both leakage and time-varying delays. Neurocomputing, 2017, 245, 86-101.	3.5	94
79	Nonlinear tracking control based on extended state observer for vehicle active suspensions with performance constraints. Mechatronics, 2015, 30, 363-370.	2.0	92
80	Nonfragile <inline-formula> <tex-math notation="LaTeX">H_{infty}</tex-math> </inline-formula> Fuzzy Filtering With Randomly Occurring Gain Variations and Channel Fadings. IEEE Transactions on Fuzzy Systems, 2016, 24, 505-518.	6.5	89
81	Outcome for chemically reactive aspect in flow of tangent hyperbolic material. Journal of Molecular Liquids, 2017, 230, 143-151.	2.3	89
82	Significance of nonlinear radiation in mixed convection flow of magneto Walter-B nanoliquid. International Journal of Hydrogen Energy, 2017, 42, 26408-26416.	3.8	89
83	Security-guaranteed filtering for discrete-time stochastic delayed systems with randomly occurring sensor saturations and deception attacks. International Journal of Robust and Nonlinear Control, 2017, 27, 1194-1208.	2.1	89
84	A new approach to non-fragile state estimation for continuous neural networks with time-delays. Neurocomputing, 2016, 197, 205-211.	3.5	88
85	Set Stability and Stabilization of Switched Boolean Networks With State-Based Switching. IEEE Access, 2018, 6, 35624-35630.	2.6	88
86	On â„“₂â€“â„“ âˆž output-feedback control scheduled by stochastic communication protocol for two-dimensional switched systems. International Journal of Systems Science, 2021, 52, 2961-2976.	3.7	88
87	Event-triggered distributed state estimation for a class of time-varying systems over sensor networks with redundant channels. Information Fusion, 2017, 36, 243-250.	11.7	87
88	Quasi-projective and complete synchronization of fractional-order complex-valued neural networks with time delays. Neural Networks, 2019, 118, 102-109.	3.3	87
89	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.	5.9	86
90	On scheduling of deception attacks for discrete-time networked systems equipped with attack detectors. Neurocomputing, 2017, 219, 99-106.	3.5	85

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91	Global<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mi>Î¼</mml:mi><mml:mo>â^'</mml:mo></mml:mrow></mml:math>stability of quaternion-valued neural networks with non-differentiable time-varying delays. Neurocomputing, 2017, 247, 202-212.	3.5	84
92	Entropy generation minimization (EGM) for convection nanomaterial flow with nonlinear radiative heat flux. Journal of Molecular Liquids, 2018, 260, 279-291.	2.3	84
93	Finite-time and fixed-time synchronization analysis of inertial memristive neural networks with time-varying delays. Cognitive Neurodynamics, 2018, 12, 121-134.	2.3	84
94	Global exponential stability and lag synchronization for delayed memristive fuzzy Cohenâ€“Grossberg BAM neural networks with impulses. Neural Networks, 2018, 98, 122-153.	3.3	83
95	Designing function-oriented artificial nanomaterials and membranes via electrospinning and electrospraying techniques. Materials Science and Engineering C, 2018, 92, 1075-1091.	3.8	83
96	A Partial-Nodes-Based Information fusion approach to state estimation for discrete-Time delayed stochastic complex networks. Information Fusion, 2019, 49, 240-248.	11.7	83
97	Impact of Cattaneo-Christov Heat Flux in Jeffrey Fluid Flow with Homogeneous-Heterogeneous Reactions. PLoS ONE, 2016, 11, e0148662.	1.1	83
98	Some q â€rung orthopair fuzzy Hamy mean operators in multiple attribute decisionâ€making and their application to enterprise resource planning systems selection. International Journal of Intelligent Systems, 2019, 34, 2429-2458.	3.3	82
99	Enhancing the Photovoltaic Performance of Perovskite Solar Cells with a Down-Conversion Eu-Complex. ACS Applied Materials & Interfaces, 2017, 9, 26958-26964.	4.0	80
100	Unified synchronization criteria in an array of coupled neural networks with hybrid impulses. Neural Networks, 2018, 101, 25-32.	3.3	80
101	A new hidden chaotic attractor with extreme multi-stability. AEU - International Journal of Electronics and Communications, 2018, 89, 131-135.	1.7	80
102	A star-shaped carbazole-based hole-transporting material with triphenylamine side arms for perovskite solar cells. Journal of Materials Chemistry C, 2018, 6, 12912-12918.	2.7	80
103	Dynamic event-triggered mechanism for Hâˆž non-fragile state estimation of complex networks under randomly occurring sensor saturations. Information Sciences, 2020, 509, 304-316.	4.0	80
104	Robust stability of fractional-order quaternion-valued neural networks with neutral delays and parameter uncertainties. Neurocomputing, 2021, 420, 70-81.	3.5	80
105	Lagrange stability analysis for complex-valued neural networks with leakage delay and mixed time-varying delays. Neurocomputing, 2017, 244, 33-41.	3.5	79
106	Current progresses about probable error and statistical declaration for radiative two phase flow using Ag H2O and Cu H2O nanomaterials. International Journal of Hydrogen Energy, 2017, 42, 29107-29120.	3.8	79
107	Leaderâ€following mean square consensus of stochastic multiâ€agent systems with input delay via eventâ€triggered control. IET Control Theory and Applications, 2018, 12, 299-309.	1.2	79
108	Sampledâ€data consensus of nonlinear multiagent systems subject to cyber attacks. International Journal of Robust and Nonlinear Control, 2018, 28, 53-67.	2.1	79

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109	Adsorption and co-adsorption of graphene oxide and Ni(II) on iron oxides: A spectroscopic and microscopic investigation. Environmental Pollution, 2018, 233, 125-131.	3.7	79
110	Embodiment of virtual water of power generation in the electric power system in China. Applied Energy, 2015, 151, 345-354.	5.1	78
111	Modern developments about statistical declaration and probable error for skin friction and Nusselt number with copper and silver nanoparticles. Chinese Journal of Physics, 2017, 55, 2501-2513.	2.0	78
112	Finite-time non-fragile passivity control for neural networks with time-varying delay. Applied Mathematics and Computation, 2017, 297, 145-158.	1.4	78
113	Bias estimation for asynchronous multi-rate multi-sensor fusion with unknown inputs. Information Fusion, 2018, 39, 139-153.	11.7	78
114	Electrochemically Derived Grapheneâ€Like Carbon Film as a Superb Substrate for Highâ€Performance Aqueous Znâ€Ion Batteries. Advanced Functional Materials, 2020, 30, 1907120.	7.8	78
115	State estimation for a class of artificial neural networks with stochastically corrupted measurements under Round-Robin protocol. Neural Networks, 2016, 77, 70-79.	3.3	77
116	Graph theory-based finite-time synchronization of fractional-order complex dynamical networks. Journal of the Franklin Institute, 2018, 355, 5771-5789.	1.9	77
117	Three-dimensional rotating flow of Jeffrey fluid for Cattaneo-Christov heat flux model. AIP Advances, 2016, 6, .	0.6	76
118	Electromagneto squeezing rotational flow of Carbon (C)-Water (H2O) kerosene oil nanofluid past a Riga plate: A numerical study. PLoS ONE, 2017, 12, e0180976.	1.1	76
119	MHD stagnation point flow of Jeffrey fluid by a radially stretching surface with viscous dissipation and Joule heating. Journal of Hydrology and Hydromechanics, 2015, 63, 311-317.	0.7	75
120	Design of extended dissipativity state estimation for generalized neural networks with mixed time-varying delay signals. Information Sciences, 2018, 424, 175-203.	4.0	75
121	Model and comparative study for peristaltic transport of water based nanofluids. Journal of Molecular Liquids, 2015, 209, 723-728.	2.3	73
122	An Integrated Approach to Global Synchronization and State Estimation for Nonlinear Singularly Perturbed Complex Networks. IEEE Transactions on Cybernetics, 2015, 45, 1597-1609.	6.2	73
123	Further synchronization in finite time analysis for time-varying delayed fractional order memristive competitive neural networks with leakage delay. Neurocomputing, 2018, 317, 110-126.	3.5	73
124	Peristaltic Transport of Carreau-Yasuda Fluid in a Curved Channel with Slip Effects. PLoS ONE, 2014, 9, e95070.	1.1	72
125	Similarity transformation approach for ferromagnetic mixed convection flow in the presence of chemically reactive magnetic dipole. Physics of Fluids, 2016, 28, .	1.6	71
126	Effects of time delays on stability and Hopf bifurcation in a fractional ring-structured network with arbitrary neurons. Communications in Nonlinear Science and Numerical Simulation, 2018, 57, 1-13.	1.7	71

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127	Stability analysis for discrete-time stochastic memristive neural networks with both leakage and probabilistic delays. Neural Networks, 2018, 102, 1-9.	3.3	70
128	Synchronization in uncertain fractional-order memristive complex-valued neural networks with multiple time delays. Neural Networks, 2019, 110, 186-198.	3.3	70
129	Radiative Hydromagnetic Flow of Jeffrey Nanofluid by an Exponentially Stretching Sheet. PLoS ONE, 2014, 9, e103719.	1.1	69
130	MHD Mixed Convective Peristaltic Motion of Nanofluid with Joule Heating and Thermophoresis Effects. PLoS ONE, 2014, 9, e111417.	1.1	69
131	Exponential and fixed-time synchronization of Cohenâ€“Grossberg neural networks with time-varying delays and reaction-diffusion terms. Applied Mathematics and Computation, 2017, 313, 37-51.	1.4	69
132	Impact of heat generation/absorption and homogeneous-heterogeneous reactions on flow of Maxwell fluid. Journal of Molecular Liquids, 2017, 233, 465-470.	2.3	69
133	Existence and global exponential stability of pseudo almost periodic solution for neutral delay BAM neural networks with time-varying delay in leakage terms. Chaos, Solitons and Fractals, 2018, 107, 111-127.	2.5	69
134	A note on guaranteed cost control for nonlinear stochastic systems with input saturation and mixed timeâ€delays. International Journal of Robust and Nonlinear Control, 2017, 27, 4443-4456.	2.1	68
135	Dynamics of a Stochastic Predatorâ€“Prey Model with Stage Structure for Predator and Holling Type II Functional Response. Journal of Nonlinear Science, 2018, 28, 1151-1187.	1.0	68
136	On model of Burgers fluid subject to magneto nanoparticles and convective conditions. Journal of Molecular Liquids, 2016, 222, 181-187.	2.3	67
137	Bipartite consensus for multi-agent systems with antagonistic interactions and communication delays. Physica A: Statistical Mechanics and Its Applications, 2018, 495, 488-497.	1.2	67
138	Hermiteâ€“Hadamard, Hermiteâ€“Hadamardâ€“FejÃ©r, Dragomirâ€“Agarwal and Pachpatte type inequalities for convex functions via new fractional integrals. Journal of Computational and Applied Mathematics, 2019, 353, 120-129.	1.1	67
139	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.	1.7	67
140	A novel randomised particle swarm optimizer. International Journal of Machine Learning and Cybernetics, 2021, 12, 529-540.	2.3	67
141	Adaptive partial-state feedback control for stochastic high-order nonlinear systems with stochastic input-to-state stable inverse dynamics. Automatica, 2015, 51, 285-291.	3.0	66
142	Open-circuit fault diagnosis of power rectifier using sparse autoencoder based deep neural network. Neurocomputing, 2018, 311, 1-10.	3.5	66
143	Partial-Nodes-Based State Estimation for Complex Networks With Unbounded Distributed Delays. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3906-3912.	7.2	65
144	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml11" display="inline" overflow="scroll" altimg="si11.gif"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:mrow></m state estimation of stochastic memristor-based neural networks with time-varying delays. Neural Networks, 2018, 99, 79-91.	3.3	65

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145	Partiallyâ€coupled gradientâ€based iterative algorithms for multivariable outputâ€errorâ€like systems with autoregressive moving average noises. IET Control Theory and Applications, 2020, 14, 2613-2627.	1.2	65
146	On Three-Dimensional Flow and Heat Transfer over a Non-Linearly Stretching Sheet: Analytical and Numerical Solutions. PLoS ONE, 2014, 9, e107287.	1.1	64
147	New bifurcation results for fractional BAM neural network with leakage delay. Chaos, Solitons and Fractals, 2017, 100, 31-44.	2.5	64
148	Global exponential stability and dissipativity of generalized neural networks with time-varying delay signals. Neural Networks, 2017, 87, 149-159.	3.3	64
149	Three-dimensional rotating flow of carbon nanotubes with Darcy-Forchheimer porous medium. PLoS ONE, 2017, 12, e0179576.	1.1	64
150	A New Look at Boundedness of Error Covariance of Kalman Filtering. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 309-314.	5.9	64
151	A C₆₀/TiO_x bilayer for conformal growth of perovskite films for UV stable perovskite solar cells. Journal of Materials Chemistry A, 2019, 7, 11086-11094.	5.2	64
152	Simultaneous influences of mixed convection and nonlinear thermal radiation in stagnation point flow of Oldroyd-B fluid towards an unsteady convectively heated stretched surface. Journal of Molecular Liquids, 2016, 224, 811-817.	2.3	63
153	A strategically designed porous magnetic N-doped Fe/Fe₃C@C matrix and its highly efficient uranium(<scp>vi</scp>) remediation. Inorganic Chemistry Frontiers, 2016, 3, 1227-1235.	3.0	63
154	On Cattaneoâ€“Christov heat flux in the flow of variable thermal conductivity Eyringâ€“Powell fluid. Results in Physics, 2017, 7, 446-450.	2.0	63
155	Synchronization of nonlinear singularly perturbed complex networks with uncertain inner coupling via event triggered control. Applied Mathematics and Computation, 2017, 311, 283-299.	1.4	62
156	Finite-time synchronization of fractional-order complex networks via hybrid feedback control. Neurocomputing, 2018, 320, 69-75.	3.5	61
157	An overview of consensus problems in constrained multi-agent coordination. Systems Science and Control Engineering, 2014, 2, 275-284.	1.8	60
158	Gradient-Based Iterative Parameter Estimation Algorithms for Dynamical Systems from Observation Data. Mathematics, 2019, 7, 428.	1.1	59
159	Peristalsis in a curved channel with slip condition and radial magnetic field. International Journal of Heat and Mass Transfer, 2015, 91, 562-569.	2.5	58
160	A new framework for output feedback controller design for a class of discrete-time stochastic nonlinear system with quantization and missing measurement. International Journal of General Systems, 2016, 45, 517-531.	1.2	58
161	Hydromagnetic peristalsis of water based nanofluids with temperature dependent viscosity: A comparative study. Journal of Molecular Liquids, 2017, 234, 324-329.	2.3	58
162	Salient aspects of entropy generation optimization in mixed convection nanomaterial flow. International Journal of Heat and Mass Transfer, 2018, 126, 1337-1346.	2.5	58

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163	Event-based recursive filtering for time-delayed stochastic nonlinear systems with missing measurements. Signal Processing, 2017, 134, 158-165.	2.1	57
164	Mixed convection peristaltic flow of Eyring-Powell nanofluid in a curved channel with compliant walls. Computers in Biology and Medicine, 2017, 82, 71-79.	3.9	56
165	A new switching control for finite-time synchronization of memristor-based recurrent neural networks. Neural Networks, 2017, 86, 1-9.	3.3	56
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