Abdulaziz Alofi

List of Publications by Year
in descending order

25 papers	456 citations	840776 11 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	487 citing authors

#	Article	IF	Citations
1	Finite-time boundedness and stabilization of uncertain switched neural networks with time-varying delay. Neural Networks, 2015, 69, 135-143.	5.9	75
2	Pinning synchronization of coupled inertial delayed neural networks. Cognitive Neurodynamics, 2015, 9, 341-350.	4.0	59
3	Applications of Laplacian spectra for n-prism networks. Neurocomputing, 2016, 198, 69-73.	5.9	42
4	Synchronization of Switched Interval Networks and Applications to Chaotic Neural Networks. Abstract and Applied Analysis, 2013, 2013, 1-11.	0.7	41
5	Revisiting node-based SIR models in complex networks with degree correlations. Physica A: Statistical Mechanics and Its Applications, 2015, 437, 75-88.	2.6	36
6	Global stability of an epidemic model with carrier state in heterogeneous networks. IMA Journal of Applied Mathematics, 2015, 80, 1025-1048.	1.6	36
7	Delay-Dependent Stability Criterion of Caputo Fractional Neural Networks with Distributed Delay. Discrete Dynamics in Nature and Society, 2014, 2014, 1-6.	0.9	34
8	Effect of humoral immunity on HIV-1 dynamics with virus-to-target and infected-to-target infections. AIP Advances, 2016, 6, 085204.	1.3	22
9	An Efficient Collocation Method for a Class of Boundary Value Problems Arising in Mathematical Physics and Geometry. Abstract and Applied Analysis, 2014, 2014, 1-9.	0.7	17
10	Stability of a general delayed virus dynamics model with humoral immunity and cellular infection. AIP Advances, 2017, 7, .	1.3	12
11	Dynamics and control in an $$({\varvec{n}}+{\varvec{2}})$$ (n + 2) -neuron BAM network with multiple delays. Nonlinear Dynamics, 2017, 87, 313-336.	5.2	11
12	Approximation of eigenvalues of discontinuous Sturm-Liouville problems with eigenparameter in all boundary conditions. Boundary Value Problems, 2013, 2013, .	0.7	9
13	Homothetic vector field in plane symmetric Bianchi type-I cosmological model in Lyra geometry. Modern Physics Letters A, 2014, 29, 1450116.	1.2	9
14	Spectral Shifted Jacobi Tau and Collocation Methods for Solving Fifth-Order Boundary Value Problems. Abstract and Applied Analysis, 2011, 2011, 1-14.	0.7	8
15	An Extension of the Legendre-Galerkin Method for Solving Sixth-Order Differential Equations with Variable Polynomial Coefficients. Mathematical Problems in Engineering, 2012, 2012, 1-13.	1.1	7
16	Power-rate synchronization of coupled genetic oscillators with unbounded time-varying delay. Cognitive Neurodynamics, 2015, 9, 549-559.	4.0	7
17	Stability of CTL immunity pathogen dynamics model with capsids and distributed delay. AIP Advances, 2017, 7, .	1.3	7
18	Finite-time synchronization of complex dynamical networks under delayed impulsive effects. Applied Mathematics and Computation, 2022, 430, 127290.	2.2	6

#	Article	IF	Citations
19	Synchronization of the Coupled Distributed Parameter System with Time Delay via Proportional-Spatial Derivative Control. Discrete Dynamics in Nature and Society, 2014, 2014, 1-7.	0.9	5
20	An Accurate Spectral Galerkin Method for Solving Multiterm Fractional Differential Equations. Mathematical Problems in Engineering, 2014, 2014, 1-8.	1.1	4
21	Global Dynamics of Secondary DENV Infection with Diffusion. Journal of Mathematics, 2021, 2021, 1-17.	1.0	4
22	Computing Eigenvalues of Discontinuous Sturm-Liouville Problems with Eigenparameter in All Boundary Conditions Using Hermite Approximation. Abstract and Applied Analysis, 2013, 2013, 1-14.	0.7	3
23	On stationary axially symmetric solutions of a scalar-tensor theory of gravitation. Astrophysics and Space Science, 2014, 350, 805-812.	1.4	1
24	Sampling of vector-valued transforms associated with solutions and Green€™s matrix of discontinuous Dirac systems. Boundary Value Problems, 2015, 2015, .	0.7	1
25	Cooperative Control and Its Engineering Applications in Power Systems. Scientific World Journal, The, 2014, 2014, 1-1.	2.1	0