

Mohammad Saleh Tavazoei

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.

123
papers

3,141
citations

28
h-index

52
g-index

133
ext. papers

3,649
ext. citations

3.4
avg, IF

6.14
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 123 | Comments on "Fractional-Order Sliding Mode Approach of Buck Converters With Mismatched Disturbances". <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-2 | 3.9 | |
| 122 | Delay-Independent regulation of blood glucose for type-1 diabetes mellitus patients via an observer-based predictor feedback approach by considering quantization constraints. <i>European Journal of Control</i> , 2022 , 63, 240-252 | 2.5 | 2 |
| 121 | Closed-Form Oscillatory Condition in Electrical Circuits Containing Two Fractional Order Elements. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1 | 3.5 | 1 |
| 120 | Chaos and Its Degradation-Promoting-Based Control in an Antithetic Integral Feedback Circuit 2022 , 6, 1622-1627 | | 1 |
| 119 | Reducing conservatism in robust stability analysis of fractional-order-polytopic systems. <i>ISA Transactions</i> , 2022 , 119, 106-117 | 5.5 | 3 |
| 118 | Adaptive Actuator Failure Compensation on the Basis of Contraction Metrics 2022 , 6, 1376-1381 | | |
| 117 | Comments on "Fixed-Time Backstepping Fractional-Order Sliding Mode Excitation Control for Performance Improvement of Power System". <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-2 | 3.9 | |
| 116 | Event-triggered adaptive control of a class of nonlinear systems with non-parametric uncertainty in the presence of actuator failures. <i>Transactions of the Institute of Measurement and Control</i> , 2021 , 43, 2628-2636 | 1.8 | 2 |
| 115 | Power-Law Compensator Design for Plants with Uncertainties: Experimental Verification. <i>Electronics (Switzerland)</i> , 2021 , 10, 1305 | 2.6 | 4 |
| 114 | Non-Fragile H _∞ Order Reduction of LTI Controllers 2021 , 5, 163-168 | | 1 |
| 113 | Synthetic Biology-Inspired Robust-Perfect-Adaptation-Achieving Control Systems: Model Reduction and Stability Analysis. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 8, 233-245 | 4 | 3 |
| 112 | Robust Output Regulation: Optimization-Based Synthesis and Event-Triggered Implementation. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1 | 5.9 | 0 |
| 111 | Coefficient-Based Classes of Algebraic Conditions to Construct Positive Real Rational Functions. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1 | 3.5 | |
| 110 | Discrete-time SISO LTI Systems with Monotonic Closed-loop Step Responses: Analysis and Control Based on Impulse Response Models. <i>IFAC-PapersOnLine</i> , 2021 , 54, 476-481 | 0.7 | 0 |
| 109 | Passively realizable approximations of non-realizable fractional order impedance functions. <i>Journal of the Franklin Institute</i> , 2020 , 357, 7037-7053 | 4 | 2 |
| 108 | Properties of the stability boundary in linear distributed-order systems. <i>International Journal of Systems Science</i> , 2020 , 51, 1733-1743 | 2.3 | 2 |
| 107 | Global Stabilization of Uncertain Lotka-Volterra Systems via Positive Nonlinear State Feedback. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 5450-5455 | 5.9 | 1 |

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|-----|---|-----|----|
| 106 | Fractional order chaotic systems: history, achievements, applications, and future challenges. <i>European Physical Journal: Special Topics</i> , 2020 , 229, 887-904 | 2.3 | 18 |
| 105 | Conditions on Polynomials Involved in Admittance Functions Passively Realizable by Using RLC and Two Fractional Elements. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 999-1003 | 3.5 | 2 |
| 104 | Event-Triggered Control of a Class of Nonlinear Systems on the Basis of Indefinite Lyapunov Theory. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 2104-2108 | 3.5 | 5 |
| 103 | Nonlinear Fractional-Order Circuits and Systems: Motivation, A Brief Overview, and Some Future Directions. <i>IEEE Open Journal of Circuits and Systems</i> , 2020 , 1, 220-232 | 1.7 | 6 |
| 102 | Guest Editorial Introduction to the Special Section on Nonlinear Fractional-Order Circuits and Systems: Advanced Analysis and Effective Implementation. <i>IEEE Open Journal of Circuits and Systems</i> , 2020 , 1, 218-219 | 1.7 | 1 |
| 101 | Frequency Data-Based Procedure to Adjust Gain and Phase Margins and Guarantee the Uniqueness of Crossover Frequencies. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 2176-2185 | 8.9 | 6 |
| 100 | Robust control of temperature during local hyperthermia of cancerous tumors. <i>European Journal of Control</i> , 2020 , 52, 67-77 | 2.5 | 2 |
| 99 | Non-Uniform Reducing the Involved Differentiators Orders and Lyapunov Stability Preservation Problem in Dynamic Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 735-739 | 3.5 | 7 |
| 98 | Stability analysis of fractional order time-delay systems: constructing new Lyapunov functions from those of integer order counterparts. <i>IET Control Theory and Applications</i> , 2019 , 13, 2476-2481 | 2.5 | 17 |
| 97 | Global Stabilization of Lotka-Volterra Systems With Interval Uncertainty. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1209-1213 | 5.9 | 7 |
| 96 | Algebraic Conditions for Stability Analysis of Linear Time-Invariant Distributed Order Dynamic Systems: A Lagrange Inversion Theorem Approach. <i>Asian Journal of Control</i> , 2019 , 21, 879-890 | 1.7 | 9 |
| 95 | Stability analysis of discrete time distributed order LTI dynamic systems 2019 , 101-118 | | 1 |
| 94 | Upper and Lower Bounds for the Maximum Number of Frequencies That Can Be Generated by a Class of Fractional Oscillators. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 1584-1593 | 3.9 | 6 |
| 93 | Stability analysis of distributed-order nonlinear dynamic systems. <i>International Journal of Systems Science</i> , 2018 , 49, 523-536 | 2.3 | 14 |
| 92 | Robust Fractional-Order Compensation in the Presence of Uncertainty in a Pole/Zero of the Plant. <i>IEEE Transactions on Control Systems Technology</i> , 2018 , 26, 797-812 | 4.8 | 9 |
| 91 | Robust stability analysis of uncertain multiorder fractional systems: Young and Jensen inequalities approach. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 1127-1144 | 3.6 | 18 |
| 90 | Robust control for time-fractional diffusion processes: application in temperature control of an alpha silicon carbide cutting tool. <i>IET Control Theory and Applications</i> , 2018 , 12, 2022-2030 | 2.5 | 5 |
| 89 | Adaptive robust control of fractional-order swarm systems in the presence of model uncertainties and external disturbances. <i>IET Control Theory and Applications</i> , 2018 , 12, 961-969 | 2.5 | 9 |

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| 88 | Passively realisable impedance functions by using two fractional elements and some resistors. <i>IET Circuits, Devices and Systems</i> , 2018 , 12, 280-285 | 1.1 | 8 |
| 87 | Asymptotic swarm stability of fractional-order swarm systems in the presence of uniform time-delays. <i>International Journal of Control</i> , 2017 , 90, 1182-1191 | 1.5 | 4 |
| 86 | On Stability and Trajectory Boundedness of Lotka-Volterra Systems With Polytopic Uncertainty. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 6423-6429 | 5.9 | 7 |
| 85 | Desirably Adjusting Gain Margin, Phase Margin, and Corresponding Crossover Frequencies Based on Frequency Data. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 2311-2321 | 11.9 | 16 |
| 84 | Formulation and Numerical Solution for Fractional Order Time Optimal Control Problem Using Pontryagin's Minimum Principle. <i>IFAC-PapersOnLine</i> , 2017 , 50, 9224-9229 | 0.7 | 5 |
| 83 | Robust Stability Analysis of Distributed-Order Linear Time-Invariant Systems With Uncertain Order Weight Functions and Uncertain Dynamic Matrices. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2017 , 139, | 1.6 | 6 |
| 82 | Analysis of Oscillations in Relay Feedback Systems With Fractional-Order Integrating Plants. <i>Journal of Computational and Nonlinear Dynamics</i> , 2017 , 12, | 1.4 | 3 |
| 81 | Passive Realization of Fractional-Order Impedances by a Fractional Element and RLC Components: Conditions and Procedure. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 585-595 | 3.9 | 34 |
| 80 | Some Analytical Results on Tuning Fractional-Order [Proportional-Integral] Controllers for Fractional-Order Systems. <i>IEEE Transactions on Control Systems Technology</i> , 2016 , 24, 1059-1066 | 4.8 | 32 |
| 79 | On a generalized fractional-order LTI compensator: exact formulas for compensation at two different frequencies. <i>JVC/Journal of Vibration and Control</i> , 2016 , 22, 4074-4086 | 2 | 8 |
| 78 | Ramp Tracking in Systems With Nonminimum Phase Zeros: One-and-a-Half Integrator Approach. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2016 , 138, | 1.6 | 4 |
| 77 | Criteria for response monotonicity preserving in approximation of fractional order systems. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2016 , 3, 422-429 | 7 | 5 |
| 76 | Constrained swarm stabilization of fractional order linear time invariant swarm systems. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2016 , 3, 320-331 | 7 | 9 |
| 75 | Simultaneous Compensation of the Gain, Phase, and Phase-Slope. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2016 , 138, | 1.6 | 8 |
| 74 | Magnitude-frequency responses of fractional order systems: properties and subsequent results. <i>IET Control Theory and Applications</i> , 2016 , 10, 2474-2481 | 2.5 | |
| 73 | Comments on "Chaotic Characteristics Analysis and Circuit Implementation for a Fractional-Order System" <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015 , 62, 329-332 | 3.9 | 4 |
| 72 | Realizability of Fractional-Order Impedances by Passive Electrical Networks Composed of a Fractional Capacitor and RLC Components. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015 , 62, 2829-2835 | 3.9 | 45 |
| 71 | Achievable Performance Region for a Fractional-Order Proportional and Derivative Motion Controller. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 7171-7180 | 8.9 | 23 |

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| 70 | Fractional order control of thermal systems: achievability of frequency-domain requirements. <i>Nonlinear Dynamics</i> , 2015 , 80, 1773-1783 | 5 | 11 |
| 69 | Reduction of oscillations via fractional order pre-filtering. <i>Signal Processing</i> , 2015 , 107, 407-414 | 4.4 | 10 |
| 68 | On Robust Control of Fractional Order Plants: Invariant Phase Margin. <i>Journal of Computational and Nonlinear Dynamics</i> , 2015 , 10, | 1.4 | 4 |
| 67 | Estimation of the Order and Parameters of a Fractional Order Model From a Noisy Step Response Data1. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2014 , 136, | 1.6 | 13 |
| 66 | Fractional/distributed-order systems and irrational transfer functions with monotonic step responses. <i>JVC/Journal of Vibration and Control</i> , 2014 , 20, 1697-1706 | 2 | 10 |
| 65 | Proportional stabilization and closed-loop identification of an unstable fractional order process. <i>Journal of Process Control</i> , 2014 , 24, 542-549 | 3.9 | 10 |
| 64 | Compensation by fractional-order phase-lead/lag compensators. <i>IET Control Theory and Applications</i> , 2014 , 8, 319-329 | 2.5 | 63 |
| 63 | Algebraic conditions for monotonicity of magnitude-frequency responses in all-pole fractional order systems. <i>IET Control Theory and Applications</i> , 2014 , 8, 1091-1095 | 2.5 | 6 |
| 62 | Improving integral square error performance with implementable fractional-order PI controllers. <i>Optimal Control Applications and Methods</i> , 2014 , 35, 303-323 | 1.7 | 13 |
| 61 | Toward Searching Possible Oscillatory Region in Order Space for Nonlinear Fractional-Order Systems. <i>Journal of Computational and Nonlinear Dynamics</i> , 2014 , 9, | 1.4 | 8 |
| 60 | Adaptive Consensus Tracking for Fractional-Order Linear Time Invariant Swarm Systems. <i>Journal of Computational and Nonlinear Dynamics</i> , 2014 , 9, | 1.4 | 3 |
| 59 | Static feedback versus fractionality of the electrical elements in the Van der Pol circuit. <i>Nonlinear Dynamics</i> , 2013 , 72, 365-375 | 5 | 1 |
| 58 | Optimal Tuning for Fractional-Order Controllers: An Integer-Order Approximating Filter Approach. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2013 , 135, | 1.6 | 7 |
| 57 | Study on Control Input Energy Efficiency of Fractional Order Control Systems. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2013 , 3, 475-482 | 5.2 | 11 |
| 56 | Non-fragile control and synchronization of a new fractional order chaotic system. <i>Applied Mathematics and Computation</i> , 2013 , 222, 712-721 | 2.7 | 19 |
| 55 | On type number concept in fractional-order systems. <i>Automatica</i> , 2013 , 49, 301-304 | 5.7 | 17 |
| 54 | On tuning FO[PI] controllers for FOPDT processes. <i>Electronics Letters</i> , 2013 , 49, 1326-1328 | 1.1 | 12 |
| 53 | A new view to Ziegler-Nichols step response tuning method: Analytic non-fragility justification. <i>Journal of Process Control</i> , 2013 , 23, 23-33 | 3.9 | 17 |

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| 52 | Minimal Realizations for Some Classes of Fractional Order Transfer Functions. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2013 , 3, 313-321 | 5.2 | 14 |
| 51 | Oscillations in fractional order LTI systems: Harmonic analysis and further results. <i>Signal Processing</i> , 2013 , 93, 1243-1250 | 4.4 | 6 |
| 50 | On tuning fractional order [proportional+derivative] controllers for a class of fractional order systems. <i>Automatica</i> , 2013 , 49, 2297-2301 | 5.7 | 44 |
| 49 | Parameter and Order Estimation from Noisy Step Response Data. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 492-497 | | 1 |
| 48 | Non-Fragile Tuning of Fractional-Order PD Controllers for IPD-Modelled Processes. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 361-366 | | 2 |
| 47 | Overshoot in the step response of fractional-order control systems. <i>Journal of Process Control</i> , 2012 , 22, 90-94 | 3.9 | 27 |
| 46 | Comments on "Chaos Synchronization of Uncertain Fractional-Order Chaotic Systems With Time Delay Based on Adaptive Fuzzy Sliding Mode Control" <i>IEEE Transactions on Fuzzy Systems</i> , 2012 , 20, 993-995 | 8.3 | 22 |
| 45 | From Traditional to Fractional PI Control: A Key for Generalization. <i>IEEE Industrial Electronics Magazine</i> , 2012 , 6, 41-51 | 6.2 | 57 |
| 44 | Prediction of chaos in non-salient permanent-magnet synchronous machines. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012 , 377, 73-79 | 2.3 | 12 |
| 43 | Application of stability region centroids in robust PI stabilization of a class of second-order systems. <i>Transactions of the Institute of Measurement and Control</i> , 2012 , 34, 487-498 | 1.8 | 16 |
| 42 | Notes on the State Space Realizations of Rational Order Transfer Functions. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2011 , 58, 1099-1108 | 3.9 | 26 |
| 41 | Maximal Bound for Output Feedback Gain in Stabilization of Fixed Points of Fractional-Order Chaotic Systems. <i>Journal of Computational and Nonlinear Dynamics</i> , 2011 , 6, | 1.4 | 3 |
| 40 | On Monotonic and Nonmonotonic Step Responses in Fractional Order Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2011 , 58, 447-451 | 3.5 | 19 |
| 39 | Robust synchronization of perturbed Chen's fractional-order chaotic systems. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011 , 16, 1044-1051 | 3.7 | 59 |
| 38 | Stability preservation analysis in direct discretization of fractional order transfer functions. <i>Signal Processing</i> , 2011 , 91, 508-512 | 4.4 | 15 |
| 37 | Over- and under-convergent step responses in fractional-order transfer functions. <i>Transactions of the Institute of Measurement and Control</i> , 2010 , 32, 376-394 | 1.8 | 14 |
| 36 | Stabilization of Unstable Fixed Points of Fractional-Order Systems by Fractional-Order Linear Controllers and Its Applications in Suppression of Chaotic Oscillations. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2010 , 132, | 1.6 | 6 |
| 35 | Maximum Number of Frequencies in Oscillations Generated by Fractional Order LTI Systems. <i>IEEE Transactions on Signal Processing</i> , 2010 , 58, 4003-4012 | 4.8 | 20 |

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| 34 | Simple Fractional Order Model Structures and their Applications in Control System Design. <i>European Journal of Control</i> , 2010 , 16, 680-694 | 2.5 | 47 |
| 33 | Stability criteria for a class of fractional order systems. <i>Nonlinear Dynamics</i> , 2010 , 61, 153-161 | 5 | 14 |
| 32 | Analysis of a fractional order Van der Pol-like oscillator via describing function method. <i>Nonlinear Dynamics</i> , 2010 , 61, 265-274 | 5 | 29 |
| 31 | Experimental study of a chaos-based communication system in the presence of unknown transmission delay. <i>International Journal of Circuit Theory and Applications</i> , 2010 , 38, 1013-1025 | 2 | 12 |
| 30 | Rational approximations in the simulation and implementation of fractional-order dynamics: A descriptor system approach. <i>Automatica</i> , 2010 , 46, 94-100 | 5.7 | 64 |
| 29 | Identifiability of fractional order systems using input output frequency contents. <i>ISA Transactions</i> , 2010 , 49, 207-14 | 5.5 | 20 |
| 28 | Chaos generation via a switching fractional multi-model system. <i>Nonlinear Analysis: Real World Applications</i> , 2010 , 11, 332-340 | 2.1 | 16 |
| 27 | Notes on integral performance indices in fractional-order control systems. <i>Journal of Process Control</i> , 2010 , 20, 285-291 | 3.9 | 63 |
| 26 | Periodic characteristic ratio (PCR) method: An alternative method to determine the characteristic polynomial. <i>Mathematics and Computers in Simulation</i> , 2010 , 80, 1841-1853 | 3.3 | 7 |
| 25 | A note on fractional-order derivatives of periodic functions. <i>Automatica</i> , 2010 , 46, 945-948 | 5.7 | 93 |
| 24 | Using fractional-order integrator to control chaos in single-input chaotic systems. <i>Nonlinear Dynamics</i> , 2009 , 55, 179-190 | 5 | 21 |
| 23 | Describing function based methods for predicting chaos in a class of fractional order differential equations. <i>Nonlinear Dynamics</i> , 2009 , 57, 363-373 | 5 | 28 |
| 22 | Taming Single Input Chaotic Systems by Fractional Differentiator-Based Controller: Theoretical and Experimental Study. <i>Circuits, Systems, and Signal Processing</i> , 2009 , 28, 625-647 | 2.2 | 5 |
| 21 | A note on the stability of fractional order systems. <i>Mathematics and Computers in Simulation</i> , 2009 , 79, 1566-1576 | 3.3 | 171 |
| 20 | Chaos in the APFM nonlinear adaptive filter. <i>Signal Processing</i> , 2009 , 89, 697-702 | 4.4 | 11 |
| 19 | A proof for non existence of periodic solutions in time invariant fractional order systems. <i>Automatica</i> , 2009 , 45, 1886-1890 | 5.7 | 136 |
| 18 | Comments on "Stability Analysis of a Class of Nonlinear Fractional-Order Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2009 , 56, 519-520 | 3.5 | 10 |
| 17 | Stability Preservation Analysis for Frequency-Based Methods in Numerical Simulation of Fractional Order Systems. <i>SIAM Journal on Numerical Analysis</i> , 2009 , 47, 321-338 | 2.4 | 33 |

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|----|---|-----|-----|
| 16 | Some Applications of Fractional Calculus in Suppression of Chaotic Oscillations. <i>IEEE Transactions on Industrial Electronics</i> , 2008 , 55, 4094-4101 | 8.9 | 100 |
| 15 | Stabilization of Unstable Fixed Points of Chaotic Fractional Order Systems by a State Fractional PI Controller. <i>European Journal of Control</i> , 2008 , 14, 247-257 | 2.5 | 32 |
| 14 | Estimating the fractional order of orthogonal rational functions used in the identification 2008 , | | 2 |
| 13 | Regular oscillations or chaos in a fractional order system with any effective dimension. <i>Nonlinear Dynamics</i> , 2008 , 54, 213-222 | 5 | 18 |
| 12 | Chaotic attractors in incommensurate fractional order systems. <i>Physica D: Nonlinear Phenomena</i> , 2008 , 237, 2628-2637 | 3.3 | 239 |
| 11 | Chaos control via a simple fractional-order controller. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008 , 372, 798-807 | 2.3 | 70 |
| 10 | Analysis of undamped oscillations generated by marginally stable fractional order systems. <i>Signal Processing</i> , 2008 , 88, 2971-2978 | 4.4 | 33 |
| 9 | Synchronization of chaotic fractional-order systems via active sliding mode controller. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008 , 387, 57-70 | 3.3 | 191 |
| 8 | Limitations of frequency domain approximation for detecting chaos in fractional order systems. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2008 , 69, 1299-1320 | 1.3 | 112 |
| 7 | An optimization algorithm based on chaotic behavior and fractal nature. <i>Journal of Computational and Applied Mathematics</i> , 2007 , 206, 1070-1081 | 2.4 | 55 |
| 6 | Synchronization of uncertain chaotic systems using active sliding mode control. <i>Chaos, Solitons and Fractals</i> , 2007 , 33, 1230-1239 | 9.3 | 33 |
| 5 | Comparison of different one-dimensional maps as chaotic search pattern in chaos optimization algorithms. <i>Applied Mathematics and Computation</i> , 2007 , 187, 1076-1085 | 2.7 | 191 |
| 4 | A necessary condition for double scroll attractor existence in fractional-order systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007 , 367, 102-113 | 2.3 | 263 |
| 3 | Determination of active sliding mode controller parameters in synchronizing different chaotic systems. <i>Chaos, Solitons and Fractals</i> , 2007 , 32, 583-591 | 9.3 | 34 |
| 2 | Frequency Content Preservation in Fractional Multi-Frequency Oscillators Despite Reducing the Number of Energy Storage Elements. <i>Circuits, Systems, and Signal Processing</i> , 1 | 2.2 | 0 |
| 1 | Algebraic bound for the phase-frequency response of the commande robuste d'ordre non-entier approximation of fractional differentiators and its applications in control systems analysis. <i>JVC/Journal of Vibration and Control</i> , 107754632098776 | 2 | |