

# Mohammad Saleh Tavazoei

## List of Publications by Year in descending order

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133  
papers

4,036  
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159358

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g-index

133  
all docs

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docs citations

133  
times ranked

2105  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A necessary condition for double scroll attractor existence in fractional-order systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 367, 102-113. | 0.9 | 324       |
| 2  | Chaotic attractors in incommensurate fractional order systems. Physica D: Nonlinear Phenomena, 2008, 237, 2628-2637.  | 1.3 | 292       |
| 3  | Synchronization of chaotic fractional-order systems via active sliding mode controller. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 57-70.                  | 1.2 | 245       |
| 4  | Comparison of different one-dimensional maps as chaotic search pattern in chaos optimization algorithms. Applied Mathematics and Computation, 2007, 187, 1076-1085.               | 1.4 | 234       |
| 5  | A note on the stability of fractional order systems. Mathematics and Computers in Simulation, 2009, 79, 1566-1576.  | 2.4 | 229       |
| 6  | A proof for non existence of periodic solutions in time invariant fractional order systems. Automatica, 2009, 45, 1886-1890.  | 3.0 | 165       |
| 7  | Limitations of frequency domain approximation for detecting chaos in fractional order systems. Nonlinear Analysis: Theory, Methods & Applications, 2008, 69, 1299-1320.           | 0.6 | 132       |
| 8  | Some Applications of Fractional Calculus in Suppression of Chaotic Oscillations. IEEE Transactions on Industrial Electronics, 2008, 55, 4094-4101.                                | 5.2 | 127       |
| 9  | A note on fractional-order derivatives of periodic functions. Automatica, 2010, 46, 945-948.  | 3.0 | 117       |
| 10 | Chaos control via a simple fractional-order controller. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 798-807.                                  | 0.9 | 88        |
| 11 | Compensation by fractional-order phase-lead/lag compensators. IET Control Theory and Applications, 2014, 8, 319-329.  | 1.2 | 83        |
| 12 | Notes on integral performance indices in fractional-order control systems. Journal of Process Control, 2010, 20, 285-291.   | 1.7 | 82        |
| 13 | Rational approximations in the simulation and implementation of fractional-order dynamics: A descriptor system approach. Automatica, 2010, 46, 94-100.                            | 3.0 | 76        |
| 14 | From Traditional to Fractional PI Control: A Key for Generalization. IEEE Industrial Electronics Magazine, 2012, 6, 41-51.  | 2.3 | 76        |
| 15 | Robust synchronization of perturbed Chen's fractional-order chaotic systems. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 1044-1051.                   | 1.7 | 73        |
| 16 | An optimization algorithm based on chaotic behavior and fractal nature. Journal of Computational and Applied Mathematics, 2007, 206, 1070-1081.                                   | 1.1 | 71        |
| 17 | Simple Fractional Order Model Structures and their Applications in Control System Design. European Journal of Control, 2010, 16, 680-694.   | 1.6 | 59        |
| 18 | On tuning fractional order [proportional-derivative] controllers for a class of fractional order systems. Automatica, 2013, 49, 2297-2301.  | 3.0 | 58        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Realizability of Fractional-Order Impedances by Passive Electrical Networks Composed of a Fractional Capacitor and RLC Components. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 2829-2835. | 3.5 | 53        |
| 20 | Passive Realization of Fractional-Order Impedances by a Fractional Element and RLC Components: Conditions and Procedure. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 585-595.             | 3.5 | 48        |
| 21 | Synchronization of uncertain chaotic systems using active sliding mode control. Chaos, Solitons and Fractals, 2007, 33, 1230-1239.   | 2.5 | 47        |
| 22 | Determination of active sliding mode controller parameters in synchronizing different chaotic systems. Chaos, Solitons and Fractals, 2007, 32, 583-591.  | 2.5 | 44        |
| 23 | Some Analytical Results on Tuning Fractional-Order [Proportional+Integral] Controllers for Fractional-Order Systems. IEEE Transactions on Control Systems Technology, 2016, 24, 1059-1066.                           | 3.2 | 42        |
| 24 | Analysis of undamped oscillations generated by marginally stable fractional order systems. Signal Processing, 2008, 88, 2971-2978.   | 2.1 | 38        |
| 25 | Stability Preservation Analysis for Frequency-Based Methods in Numerical Simulation of Fractional Order Systems. SIAM Journal on Numerical Analysis, 2009, 47, 321-338.  | 1.1 | 38        |
| 26 | Stabilization of Unstable Fixed Points of Chaotic Fractional Order Systems by a State Fractional PI Controller. European Journal of Control, 2008, 14, 247-257.  | 1.6 | 34        |
| 27 | Describing function based methods for predicting chaos in a class of fractional order differential equations. Nonlinear Dynamics, 2009, 57, 363-373.   | 2.7 | 33        |
| 28 | Notes on the State Space Realizations of Rational Order Transfer Functions. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 1099-1108.  | 3.5 | 33        |
| 29 | Fractional order chaotic systems: history, achievements, applications, and future challenges. European Physical Journal: Special Topics, 2020, 229, 887-904.   | 1.2 | 32        |
| 30 | Analysis of a fractional order Van der Pol-like oscillator via describing function method. Nonlinear Dynamics, 2010, 61, 265-274.  | 2.7 | 31        |
| 31 | Overshoot in the step response of fractional-order control systems. Journal of Process Control, 2012, 22, 90-94.   | 1.7 | 31        |
| 32 | Achievable Performance Region for a Fractional-Order Proportional and Derivative Motion Controller. IEEE Transactions on Industrial Electronics, 2015, 62, 7171-7180.  | 5.2 | 29        |
| 33 | Using fractional-order integrator to control chaos in single-input chaotic systems. Nonlinear Dynamics, 2009, 55, 179-190.   | 2.7 | 28        |
| 34 | A new view to Ziegler-Nichols step response tuning method: Analytic non-fragility justification. Journal of Process Control, 2013, 23, 23-33.  | 1.7 | 28        |
| 35 | Identifiability of fractional order systems using input output frequency contents. ISA Transactions, 2010, 49, 207-214.  | 3.1 | 26        |
| 36 | Maximum Number of Frequencies in Oscillations Generated by Fractional Order LTI Systems. IEEE Transactions on Signal Processing, 2010, 58, 4003-4012.  | 3.2 | 26        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Comments on "Chaos Synchronization of Uncertain Fractional-Order Chaotic Systems With Time Delay Based on Adaptive Fuzzy Sliding Mode Control" IEEE Transactions on Fuzzy Systems, 2012, 20, 993-995. | 6.5 | 26        |
| 38 | Regular oscillations or chaos in a fractional order system with any effective dimension. Nonlinear Dynamics, 2008, 54, 213-222.   | 2.7 | 25        |
| 39 | On Monotonic and Nonmonotonic Step Responses in Fractional Order Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 447-451.  | 2.2 | 24        |
| 40 | Stability analysis of fractional order time-delay systems: constructing new Lyapunov functions from those of integer order counterparts. IET Control Theory and Applications, 2019, 13, 2476-2481.    | 1.2 | 24        |
| 41 | Desirably Adjusting Gain Margin, Phase Margin, and Corresponding Crossover Frequencies Based on Frequency Data. IEEE Transactions on Industrial Informatics, 2017, 13, 2311-2321.                     | 7.2 | 23        |
| 42 | Application of stability region centroids in robust PI stabilization of a class of second-order systems. Transactions of the Institute of Measurement and Control, 2012, 34, 487-498.                 | 1.1 | 22        |
| 43 | Non-fragile control and synchronization of a new fractional order chaotic system. Applied Mathematics and Computation, 2013, 222, 712-721.  | 1.4 | 22        |
| 44 | Adaptive robust control of fractional-order swarm systems in the presence of model uncertainties and external disturbances. IET Control Theory and Applications, 2018, 12, 961-969.                   | 1.2 | 22        |
| 45 | Robust stability analysis of uncertain multiorder fractional systems: Young and Jensen inequalities approach. International Journal of Robust and Nonlinear Control, 2018, 28, 1127-1144.             | 2.1 | 21        |
| 46 | Estimation of the Order and Parameters of a Fractional Order Model From a Noisy Step Response Data. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2014, 136, .       | 0.9 | 20        |
| 47 | Chaos generation via a switching fractional multi-model system. Nonlinear Analysis: Real World Applications, 2010, 11, 332-340.   | 0.9 | 19        |
| 48 | Improving integral square error performance with implementable fractional-order PI controllers. Optimal Control Applications and Methods, 2014, 35, 303-323.  | 1.3 | 19        |
| 49 | Stability criteria for a class of fractional order systems. Nonlinear Dynamics, 2010, 61, 153-161.  | 2.7 | 18        |
| 50 | Stability analysis of distributed-order nonlinear dynamic systems. International Journal of Systems Science, 2018, 49, 523-536.   | 3.7 | 18        |
| 51 | On type number concept in fractional-order systems. Automatica, 2013, 49, 301-304.  | 3.0 | 17        |
| 52 | Fractional order control of thermal systems: achievability of frequency-domain requirements. Nonlinear Dynamics, 2015, 80, 1773-1783.   | 2.7 | 17        |
| 53 | Experimental study of a chaos-based communication system in the presence of unknown transmission delay. International Journal of Circuit Theory and Applications, 2010, 38, 1013-1025.                | 1.3 | 16        |
| 54 | Stability preservation analysis in direct discretization of fractional order transfer functions. Signal Processing, 2011, 91, 508-512.  | 2.1 | 16        |

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|----|--|-----|-----------|
| 55 | Minimal Realizations for Some Classes of Fractional Order Transfer Functions. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2013, 3, 313-321.                    | 2.7 | 16        |
| 56 | Over- and under-convergent step responses in fractional-order transfer functions. Transactions of the Institute of Measurement and Control, 2010, 32, 376-394.                           | 1.1 | 15        |
| 57 | Prediction of chaos in non-salient permanent-magnet synchronous machines. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 377, 73-79.                         | 0.9 | 15        |
| 58 | Frequency Data-Based Procedure to Adjust Gain and Phase Margins and Guarantee the Uniqueness of Crossover Frequencies. IEEE Transactions on Industrial Electronics, 2020, 67, 2176-2185. | 5.2 | 15        |
| 59 | Chaos in the APFM nonlinear adaptive filter. Signal Processing, 2009, 89, 697-702.   | 2.1 | 14        |
| 60 | Study on Control Input Energy Efficiency of Fractional Order Control Systems. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2013, 3, 475-482.                    | 2.7 | 14        |
| 61 | Reduction of oscillations via fractional order pre-filtering. Signal Processing, 2015, 107, 407-414.   | 2.1 | 14        |
| 62 | Constrained swarm stabilization of fractional order linear time invariant swarm systems. IEEE/CAA Journal of Automatica Sinica, 2016, 3, 320-331.  | 8.5 | 14        |
| 63 | Proportional stabilization and closed-loop identification of an unstable fractional order process. Journal of Process Control, 2014, 24, 542-549.  | 1.7 | 13        |
| 64 | Robust Fractional-Order Compensation in the Presence of Uncertainty in a Pole/Zero of the Plant. IEEE Transactions on Control Systems Technology, 2018, 26, 797-812.                     | 3.2 | 13        |
| 65 | Nonlinear Fractional-Order Circuits and Systems: Motivation, A Brief Overview, and Some Future Directions. IEEE Open Journal of Circuits and Systems, 2020, 1, 220-232.                  | 1.4 | 13        |
| 66 | On tuning FO[PI] controllers for FOPDT processes. Electronics Letters, 2013, 49, 1326-1328.  | 0.5 | 12        |
| 67 | Fractional/distributed-order systems and irrational transfer functions with monotonic step responses. JVC/Journal of Vibration and Control, 2014, 20, 1697-1706.                         | 1.5 | 12        |
| 68 | Simultaneous Compensation of the Gain, Phase, and Phase-Slope. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2016, 138, .                               | 0.9 | 12        |
| 69 | On a generalized fractional-order LTI compensator: exact formulas for compensation at two different frequencies. JVC/Journal of Vibration and Control, 2016, 22, 4074-4086.              | 1.5 | 12        |
| 70 | Comments on "Stability Analysis of a Class of Nonlinear Fractional-Order Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2009, 56, 519-520.                       | 2.2 | 11        |
| 71 | On Stability and Trajectory Boundedness of Lotkaâ€“Volterra Systems With Polytopic Uncertainty. IEEE Transactions on Automatic Control, 2017, 62, 6423-6429.                             | 3.6 | 11        |
| 72 | Global Stabilization of Lotkaâ€“Volterra Systems With Interval Uncertainty. IEEE Transactions on Automatic Control, 2019, 64, 1209-1213.   | 3.6 | 11        |

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|----|--|-----|-----------|
| 73 | 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.  | 1.9 | 11        |
| 74 | 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.                                     | 1.6 | 11        |
| 75 | Passively realisable impedance functions by using two fractional elements and some resistors. <i>IET Circuits, Devices and Systems</i> , 2018, 12, 280-285.  | 0.9 | 10        |
| 76 | 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.   | 2.2 | 10        |
| 77 | 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, .   | 0.9 | 9         |
| 78 | Oscillations in fractional order LTI systems: Harmonic analysis and further results. <i>Signal Processing</i> , 2013, 93, 1243-1250.   | 2.1 | 9         |
| 79 | Toward Searching Possible Oscillatory Region in Order Space for Nonlinear Fractional-Order Systems. <i>Journal of Computational and Nonlinear Dynamics</i> , 2014, 9, .  | 0.7 | 9         |
| 80 | Criteria for response monotonicity preserving in approximation of fractional order systems. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2016, 3, 422-429.   | 8.5 | 9         |
| 81 | Reducing conservatism in robust stability analysis of fractional-order-polytopic systems. <i>ISA Transactions</i> , 2022, 119, 106-117.  | 3.1 | 9         |
| 82 | Periodic characteristic ratio (PCR) method: An alternative method to determine the characteristic polynomial. <i>Mathematics and Computers in Simulation</i> , 2010, 80, 1841-1853.  | 2.4 | 7         |
| 83 | Adaptive Consensus Tracking for Fractional-Order Linear Time Invariant Swarm Systems. <i>Journal of Computational and Nonlinear Dynamics</i> , 2014, 9, .  | 0.7 | 7         |
| 84 | 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.  | 1.2 | 7         |
| 85 | 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, .  | 0.9 | 7         |
| 86 | Formulation and Numerical Solution for Fractional Order Time Optimal Control Problem Using Pontryagin's Minimum Principle. <i>IFAC-PapersOnLine</i> , 2017, 50, 9224-9229.   | 0.5 | 7         |
| 87 | 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.   | 3.5 | 7         |
| 88 | Power-Law Compensator Design for Plants with Uncertainties: Experimental Verification. <i>Electronics (Switzerland)</i> , 2021, 10, 1305.  | 1.8 | 7         |
| 89 | Chaos and Its Degradation-Promoting-Based Control in an Antithetic Integral Feedback Circuit. , 2022, 6, 1622-1627.  |     | 7         |
| 90 | 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, . | 0.9 | 6         |

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|-----|--|-----|-----------|
| 91  | On Robust Control of Fractional Order Plants: Invariant Phase Margin. Journal of Computational and Nonlinear Dynamics, 2015, 10, .   | 0.7 | 6         |
| 92  | Asymptotic swarm stability of fractional-order swarm systems in the presence of uniform time-delays. International Journal of Control, 2017, 90, 1182-1191.  | 1.2 | 6         |
| 93  | Robust Stability Analysis of Distributed-Order Linear Time-Invariant Systems With Uncertain Order Weight Functions and Uncertain Dynamic Matrices. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, . | 0.9 | 6         |
| 94  | Taming Single Input Chaotic Systems by Fractional Differentiator-Based Controller: Theoretical and Experimental Study. Circuits, Systems, and Signal Processing, 2009, 28, 625-647.  | 1.2 | 5         |
| 95  | Comments on "Chaotic Characteristics Analysis and Circuit Implementation for a Fractional-Order System". IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 329-332.   | 3.5 | 5         |
| 96  | Robust control for time-fractional diffusion processes: application in temperature control of an alpha silicon carbide cutting tool. IET Control Theory and Applications, 2018, 12, 2022-2030.   | 1.2 | 5         |
| 97  | Event-Triggered Control of a Class of Nonlinear Systems on the Basis of Indefinite Lyapunov Theory. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2104-2108.   | 2.2 | 5         |
| 98  | Event-triggered adaptive control of a class of nonlinear systems with non-parametric uncertainty in the presence of actuator failures. Transactions of the Institute of Measurement and Control, 2021, 43, 2628-2636.                          | 1.1 | 5         |
| 99  | Parameter and Order Estimation from Noisy Step Response Data. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 492-497.  | 0.4 | 4         |
| 100 | Analysis of Oscillations in Relay Feedback Systems With Fractional-Order Integrating Plants. Journal of Computational and Nonlinear Dynamics, 2017, 12, .  | 0.7 | 4         |
| 101 | A Special Issue in ISA Transactions "Fractional Order Signals, Systems, and Controls: Theory and Application". ISA Transactions, 2018, 82, 1.  | 3.1 | 4         |
| 102 | Conditions on Polynomials Involved in Admittance Functions Passively Realizable by Using RLC and Two Fractional Elements. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 999-1003.                                    | 2.2 | 4         |
| 103 | Passively realizable approximations of non-realizable fractional order impedance functions. Journal of the Franklin Institute, 2020, 357, 7037-7053.   | 1.9 | 4         |
| 104 | Non-Fragile $\mathcal{H}_\infty$ Order Reduction of LTI Controllers. , 2021, 5, 163-168.   |     | 4         |
| 105 | Maximal Bound for Output Feedback Gain in Stabilization of Fixed Points of Fractional-Order Chaotic Systems. Journal of Computational and Nonlinear Dynamics, 2011, 6, .   | 0.7 | 3         |
| 106 | Non-Fragile Tuning of Fractional-Order PD Controllers for IPD-Modelled Processes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 361-366.  | 0.4 | 3         |
| 107 | Robust control of temperature during local hyperthermia of cancerous tumors. European Journal of Control, 2020, 52, 67-77.   | 1.6 | 3         |
| 108 | Properties of the stability boundary in linear distributed-order systems. International Journal of Systems Science, 2020, 51, 1733-1743.   | 3.7 | 3         |

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|-----|--|-----|-----------|
| 109 | Global Stabilization of Uncertain Lotka–Volterra Systems via Positive Nonlinear State Feedback. IEEE Transactions on Automatic Control, 2020, 65, 5450-5455.   | 3.6 | 3         |
| 110 | Synthetic Biology-Inspired Robust-Perfect-Adaptation-Achieving Control Systems: Model Reduction and Stability Analysis. IEEE Transactions on Control of Network Systems, 2021, 8, 233-245.                           | 2.4 | 3         |
| 111 | Estimating the fractional order of orthogonal rational functions used in the identification. , 2008, , .   |     | 2         |
| 112 | Discrete-time SISO LTI Systems with Monotonic Closed-loop Step Responses: Analysis and Control Based on Impulse Response Models. IFAC-PapersOnLine, 2021, 54, 476-481.   | 0.5 | 2         |
| 113 | A probabilistic framework to achieve robust non-fragile tuning methods: PD control of IPD-modeled processes. International Journal of Robust and Nonlinear Control, 2022, 32, 9593-9609.                             | 2.1 | 2         |
| 114 | Closed-Form Oscillatory Condition in Electrical Circuits Containing Two Fractional Order Elements. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2687-2691.                                | 2.2 | 2         |
| 115 | Agent-based time delay margin in consensus of multi-agent systems by an event-triggered control method: Concept and computation. Asian Journal of Control, 2023, 25, 1866-1876.                                      | 1.9 | 2         |
| 116 | Uncertain Multiagent Systems With Distributed Constrained Optimization Missions and Event-Triggered Communications: Application to Resource Allocation. IEEE Systems Journal, 2023, 17, 270-281.                     | 2.9 | 2         |
| 117 | Event-based consensus control of Lipschitz nonlinear multi-agent systems with unknown input delay and quantization constraints. European Physical Journal: Special Topics, 2022, 231, 3977-3985.                     | 1.2 | 2         |
| 118 | Static feedback versus fractionality of the electrical elements in the Van der Pol circuit. Nonlinear Dynamics, 2013, 72, 365-375.   | 2.7 | 1         |
| 119 | Magnitude-frequency responses of fractional order systems: properties and subsequent results. IET Control Theory and Applications, 2016, 10, 2474-2481.  | 1.2 | 1         |
| 120 | Robust Control of a Class of Fractional Order Plants in the Presence of Pole Uncertainty. , 2018, , .  |     | 1         |
| 121 | Stability analysis of discrete time distributed order LTI dynamic systems. , 2019, , 101-118.  |     | 1         |
| 122 | Guest Editorial Introduction to the Special Section on Nonlinear Fractional-Order Circuits and Systems: Advanced Analysis and Effective Implementation. IEEE Open Journal of Circuits and Systems, 2020, 1, 218-219. | 1.4 | 1         |
| 123 | Robust Output Regulation: Optimization-Based Synthesis and Event-Triggered Implementation. IEEE Transactions on Automatic Control, 2022, 67, 3529-3536.  | 3.6 | 1         |
| 124 | Coefficient-based Classes of Algebraic Conditions to Construct Positive Real Rational Functions. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, , 1-1.  | 2.2 | 1         |
| 125 | Adaptive Actuator Failure Compensation on the Basis of Contraction Metrics. , 2022, 6, 1376-1381.  |     | 1         |
| 126 | Comments on “Fractional-Order Sliding Mode Approach of Buck Converters With Mismatched Disturbances”, IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1381-1382.                              | 3.5 | 1         |



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|-----|---|-----|-----------|
| 127 | Frequency Content Preservation in Fractional Multi-Frequency Oscillators Despite Reducing the Number of Energy Storage Elements. <i>Circuits, Systems, and Signal Processing</i> , 2022, 41, 3066-3080.   | 1.2 | 1         |
| 128 | Comparing the stability regions for fractional-order PI controllers and their integer-order approximations. , 2010, , .   |     | 0         |
| 129 | Design of adaptive proportional-integral-weighted ( $PI^{w}$ ) controllers for control of a class of nonlinear uncertain systems. , 2017, , .   |     | 0         |
| 130 | An Efficient Method for Tuning of FOPI Controllers: Robustness to Order Variations of the Plant. , 2018, , .  |     | 0         |
| 131 | Oscillatory Condition and Invariant Sets in Fractional Order Relay Feedback Systems. , 2019, , .  |     | 0         |
| 132 | Algebraic bound for the phaseâ€“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> , 0, , 107754632098776. | 1.5 | 0         |
| 133 | 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.   | 3.5 | 0         |