

# Aghileh Heydari

## List of Publications by Year in descending order

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19  
papers

202  
citations

1307594

7  
h-index

1058476

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Tâ€“S fuzzy control design for fractional-order systems with parametric uncertainty and input constraint. <i>Fuzzy Sets and Systems</i> , 2019, 365, 22-39.	2.7	59
2	Mathematical Modeling of Transmission Dynamics and Optimal Control of Vaccination and Treatment for Hepatitis B Virus. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-15.	1.3	53
3	An iterative method for suboptimal control of linear time-delayed systems. <i>Systems and Control Letters</i> , 2015, 82, 40-50.	2.3	17
4	Adaptive control of nonlinear fractional-order systems using Tâ€“S fuzzy method. <i>International Journal of Machine Learning and Cybernetics</i> , 2019, 10, 527-540.	3.6	15
5	A Modified Hybrid Genetic Algorithm for Solving Nonlinear Optimal Control Problems. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-21.	1.1	12
6	Optimal Synchronization of Complex Chaotic T-Systems and Its Application in Secure Communication. <i>Journal of Control, Automation and Electrical Systems</i> , 2016, 27, 379-390.	2.0	10
7	A numerical method based on a bilinear pseudo-spectral method to solve the convection-diffusion optimal control problems. <i>International Journal of Computer Mathematics</i> , 2021, 98, 28-46.	1.8	8
8	Numerical Schemes for Fractional Optimal Control Problems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2017, 139, .	1.6	6
9	Optimal control of a class of non-linear time-delay systems via hybrid functions. <i>IMA Journal of Mathematical Control and Information</i> , 0, , dnv044.	1.7	5
10	Numerical solution of time delay optimal control problems by hybrid of block-pulse functions and Bernstein polynomials. <i>IMA Journal of Mathematical Control and Information</i> , 0, , dnv057.	1.7	3
11	Solution of optimal control problems with Payoff term and fixed state endpoint by using Bezier polynomials. <i>Boletim Da Sociedade Paranaense De Matematica</i> , 2017, 35, 247.	0.4	3
12	Solving the Fractional Optimal Control of a Spring-Mass-Viscodamper System with Caputoâ€™Fabrizio Fractional Operator. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 247-257.	1.5	3
13	First-Order Optimality Conditions for Lipschitz Optimization Problems with Vanishing Constraints. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 1853-1861.	1.5	2
14	Solution of linear time-varying multi-delay systems via variational iteration method. <i>Journal of Mathematics and Computer Science</i> , 2016, 16, 282-297.	1.0	2
15	A novel mixed Spiderâ€™s web initial solution and data envelopment analysis for solving multi-objective optimization problems. <i>Central European Journal of Operations Research</i> , 2020, 28, 193-208.	1.8	1
16	Solving multiobjective optimal control problems using an improved scalarization method. <i>IMA Journal of Mathematical Control and Information</i> , 2020, 37, 1524-1547.	1.7	1
17	The hub locationâ€™s method for solving optimal control problems. <i>Evolutionary Intelligence</i> , 2021, 14, 1671-1690.	3.6	1
18	A New Numerical Approach for Solving Fractional Optimal Control Problems with the Caputoâ€™Fabrizio Fractional Operator. <i>Journal of Mathematics</i> , 2022, 2022, 1-16.	1.0	1

#	ARTICLE	IF	CITATIONS
19	A New Three-Oscillator Model for the Heart System in the Case of Time Delay and Designing Appropriate Controller for Its Synchronization. ISRN Applied Mathematics, 2014, 2014, 1-8.	0.5	0