Alireza Nazemi

List of Publications by Year
in descending order

53 papers	**710** citations	516710 **16** h-index	610901 **24** g-index
53 all docs	**53** docs citations	**53** times ranked	**345** citing authors

#	Article	IF	Citations
1	A Gradient-Based Neural Network Method for Solving Strictly Convex Quadratic Programming Problems. Cognitive Computation, 2014, 6, 484-495.	5.2	57
2	A neural network model for solving convex quadratic programming problems with some applications. Engineering Applications of Artificial Intelligence, 2014, 32, 54-62.	8.1	50
3	Müntz–Legendre spectral collocation method for solving delay fractional optimal control problems. Journal of Computational and Applied Mathematics, 2019, 351, 344-363.	2.0	50
4	An efficient dynamic model for solving the shortest path problem. Transportation Research Part C: Emerging Technologies, 2013, 26, 1-19.	7.6	40
5	Solving general convex nonlinear optimization problems by an efficient neurodynamic model. Engineering Applications of Artificial Intelligence, 2013, 26, 685-696.	8.1	36
6	A capable neural network model for solving the maximum flow problem. Journal of Computational and Applied Mathematics, 2012, 236, 3498-3513.	2.0	33
7	An application of a merit function for solving convex programming problems. Computers and Industrial Engineering, 2013, 66, 212-221.	6.3	33
8	A Capable Neural Network Framework for Solving Degenerate Quadratic Optimization Problems with an Application in Image Fusion. Neural Processing Letters, 2018, 47, 167-192.	3.2	29
9	Solving fractional optimal control problems with fixed or free final states by Haar wavelet collocation method. IMA Journal of Mathematical Control and Information, 2016, 33, 543-561.	1.7	27
10	Fractional power series neural network for solving delay fractional optimal control problems. Connection Science, 2020, 32, 53-80.	3.0	23
11	Nonlinear fractional optimal control problems with neural network and dynamic optimization schemes. Nonlinear Dynamics, 2017, 89, 2669-2682.	5.2	21
12	A new neural network model for solving random interval linear programming problems. Neural Networks, 2017, 89, 11-18.	5.9	20
13	On fractional infinite-horizon optimal control problems with a combination of conformable and Caputo–Fabrizio fractional derivatives. ISA Transactions, 2020, 101, 78-90.	5.7	20
14	Solving a class of geometric programming problems by an efficient dynamic model. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 692-709.	3.3	19
15	Solving optimal control problems of the time-delayed systems by Haar wavelet. JVC/Journal of Vibration and Control, 2016, 22, 2657-2670.	2.6	19
16	Fractional Chebyshev functional link neural network–optimization method for solving delay fractional optimal control problems with Atangana–Baleanu derivative. Optimal Control Applications and Methods, 2020, 41, 808-832.	2.1	19
17	A New Approach for Solving a Class of Delay Fractional Partial Differential Equations. Mediterranean Journal of Mathematics, 2018, 15, 1.	0.8	17
18	An efficient numerical scheme for solving fractional infinite-horizon optimal control problems. ISA Transactions, 2019, 94, 108-118.	5.7	17

#	Article	IF	Citations
19	Solving portfolio selection models with uncertain returns using an artificial neural network scheme. Applied Intelligence, 2015, 42, 609-621.	5.3	16
20	Numerical solution of the time-delayed optimal control problems with hybrid functions. IMA Journal of Mathematical Control and Information, 2015, 32, 623-638.	1.7	14
21	A high performance neural network model for solving chance constrained optimization problems. Neurocomputing, 2013, 121, 540-550.	5.9	13
22	A new collaborate neuro-dynamic framework for solving convex second order cone programming problems with an application in multi-fingered robotic hands. Applied Intelligence, 2019, 49, 3512-3523.	5.3	11
23	A new neural network framework for solving convex second-order cone constrained variational inequality problems with an application in multi-finger robot hands. Journal of Experimental and Theoretical Artificial Intelligence, 2020, 32, 181-203.	2.8	11
24	An Application of Generalized Fuzzy Hyperbolic Model for Solving Fractional Optimal Control Problems with Caputoâ€"Fabrizio Derivative. Neural Processing Letters, 2020, 52, 1997-2020.	3.2	10
25	SOLVING INFINITE-HORIZON OPTIMAL CONTROL PROBLEMS USING THE HAAR WAVELET COLLOCATION METHOD. ANZIAM Journal, 2014, 56, 179-191.	0.2	9
26	A Neural Network Approach for Solving Optimal Control Problems with Inequality Constraints and Some Applications. Neural Processing Letters, 2017, 45, 995-1023.	3.2	8
27	MÃ¼ntzâ€"Legendre neural network construction for solving delay optimal control problems of fractional order with equality and inequality constraints. Soft Computing, 2020, 24, 9575-9594.	3.6	7
28	A computational intelligence method for solving a class of portfolio optimization problems. Soft Computing, 2014, 18, 2101-2117.	3.6	6
29	Solving infinite-horizon optimal control problems of the time-delayed systems by Haar wavelet collocation method. Computational and Applied Mathematics, 2016, 35, 97-117.	1.3	6
30	Solving optimal control problems of the time-delayed systems by a neural network framework. Connection Science, 2019, 31, 342-372.	3.0	6
31	Solving multiobjective random interval programming problems by a capable neural network framework. Applied Intelligence, 2019, 49, 1566-1579.	5.3	6
32	A novel neural network for solving semidefinite programming problems with some applications. Journal of Computational and Applied Mathematics, 2019, 350, 309-323.	2.0	6
33	A parametric recurrent neural network scheme for solving a class of fuzzy regression models with some real-world applications. Soft Computing, 2020, 24, 11159-11187.	3.6	6
34	A new approach to design asymptotically stabilizing control and adaptive control. Optimal Control Applications and Methods, 2018, 39, 1952-1964.	2.1	5
35	A fractional power series neural network for solving a class of fractional optimal control problems with equality and inequality constraints. Network: Computation in Neural Systems, 2019, 30, 148-175.	3.6	5
36	A new gradient-based neural dynamic framework for solving constrained min-max optimization problems with an application in portfolio selection models. Applied Intelligence, 2019, 49, 396-419.	5.3	5

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37	Parabolic optimal control problems with a quintic B-spline dynamic model. Nonlinear Dynamics, 2015, 80, 653-667.	5.2	4
38	Solving variable-order fractional differential algebraic equations via generalized fuzzy hyperbolic model with application in electric circuit modeling. Soft Computing, 2020, 24, 16745-16758.	3.6	4
39	An Optimization Technique for Solving a Class of Ridge Fuzzy Regression Problems. Neural Processing Letters, 2021, 53, 3307.	3.2	4
40	On chaos control of nonlinear fractional chaotic systems via a neural collocation optimization scheme and some applications. New Astronomy, 2022, 94, 101794.	1.8	4
41	A collocation method via block-pulse functions for solving delay fractional optimal control problems. IMA Journal of Mathematical Control and Information, 0, , dnw020.	1.7	3
42	Solving the stochastic support vector regression with probabilistic constraints by a high-performance neural network model. Engineering With Computers, 0, , 1.	6.1	3
43	Fractional infinite-horizon optimal control problems with a feed forward neural network scheme. Network: Computation in Neural Systems, 2019, 30, 125-147.	3.6	2
44	Stabilization of a class of nonlinear control systems via a neural network scheme with convergence analysis. Soft Computing, 2020, 24, 1957-1970.	3.6	2
45	On fractional optimal control problems with an application in fractional chaotic systems using a Legendre collocation-optimization technique. Transactions of the Institute of Measurement and Control, 2021, 43, 1268-1285.	1.7	2
46	A WAVELET COLLOCATION SCHEME FOR SOLVING SOME OPTIMAL PATH PLANNING PROBLEMS. ANZIAM Journal, 2016, 57, 461-481.	0.2	1
47	On delay optimal control problems with a combination of conformable and Caputo-Fabrizio fractional derivatives via a fractional power series neural network. Network: Computation in Neural Systems, 2022, , 1-33.	3.6	1
48	A practical nonlinear dynamic framework for solving a class of fractional programming problems. Nonlinear Dynamics, 2015, 82, 1093-1108.	5.2	0
49	A Novel Collaborate Neural Dynamic System Model for Solving a Class of Minâ€"Max Optimization Problems with an Application in Portfolio Management. Computer Journal, 2019, 62, 1061-1085.	2.4	0
50	On Infinite Horizon Optimal Control Problems with a Feed Forward Neural Network Scheme. Neural Processing Letters, 2020, 51, 449-471.	3.2	0
51	A Generalized Bridge Regression in Fuzzy Environment and Its Numerical Solution by a Capable Recurrent Neural Network. Journal of Mathematics, 2020, 2020, 1-27.	1.0	0
52	Solving infinite-horizon optimalcontrol problems of the time-delayedsystems by a feed forward neural network model. Network: Computation in Neural Systems, 2021, 32, 36-63.	3.6	0
53	On asymptotically stabilizing control of nonlinear fractional control systems using an optimization scheme. Transactions of the Institute of Measurement and Control, 0, , 014233122110056.	1.7	0