Jian Li

List of Publications by Year in descending order

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Version: 2024-02-01

21	482	759055 12	752573 20
papers	citations	h-index	g-index

21	21	21	163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel Discrete-Time Recurrent Neural Networks Handling Discrete-Form Time-Variant Multi-Augmented Sylvester Matrix Problems and Manipulator Application. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 587-599.	7.2	42
2	Stability-Constraint-Free Solutions to Solve Time-Varying Linear Equation System. IEEE Access, 2022, 10, 34228-34235.	2.6	1
3	Phase Congruency Order-Based Local Structural Feature for SAR and Optical Image Matching. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	5
4	Noise-Tolerant Zeroing Neural Dynamics for Solving Hybrid Multilayered Time-Varying Linear Equation System. Security and Communication Networks, 2022, 2022, 1-13.	1.0	1
5	Unified Model Solving Nine Types of Time-Varying Problems in the Frame of Zeroing Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1896-1905.	7.2	19
6	Real-time robot manipulator tracking control as multilayered time-varying problem. Applied Mathematical Modelling, 2021, 96, 355-366.	2.2	8
7	Robot Manipulator Control via Solving Four-Layered Time-Variant Equations Including Linear, Nonlinear Equalities and Inequalities. , 2021, , .		0
8	Continuous and Discrete Zeroing Neural Network for Different-Level Dynamic Linear System With Robot Manipulator Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4633-4642.	5.9	35
9	Zeroing Neural Network for Solving Hybrid Multilayered Time-Varying Linear System. IEEE Access, 2020, 8, 199406-199414.	2.6	4
10	General Third-Order-Accuracy Formulas for Time Discretization Applied to Time-Varying Optimization. IEEE Access, 2020, 8, 224235-224245.	2.6	2
11	General Square-Pattern Discretization Formulas via Second-Order Derivative Elimination for Zeroing Neural Network Illustrated by Future Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 891-901.	7.2	34
12	A 5-instant finite difference formula to find discrete time-varying generalized matrix inverses, matrix inverses, and scalar reciprocals. Numerical Algorithms, 2019, 81, 609-629.	1.1	10
13	Five-instant type discrete-time ZND solving discrete time-varying linear system, division and quadratic programming. Neurocomputing, 2019, 331, 323-335.	3.5	18
14	Stepsize Range and Optimal Value for Taylorâ€“Zhang Discretization Formula Applied to Zeroing Neurodynamics Illustrated via Future Equality-Constrained Quadratic Programming. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 959-966.	7.2	42
15	Proposing and Validation of a New Four-Point Finite-Difference Formula With Manipulator Application. IEEE Transactions on Industrial Informatics, 2018, 14, 1323-1333.	7.2	37
16	New Discretization-Formula-Based Zeroing Dynamics for Real-Time Tracking Control of Serial and Parallel Manipulators. IEEE Transactions on Industrial Informatics, 2018, 14, 3416-3425.	7.2	61
17	Z-type neural-dynamics for time-varying nonlinear optimization under a linear equality constraint with robot application. Journal of Computational and Applied Mathematics, 2018, 327, 155-166.	1.1	49
18	ZD, ZG and IOL Controllers and Comparisons for Nonlinear System Output Tracking with DBZ Problem Conquered in Different Relativeâ€Degree Cases. Asian Journal of Control, 2017, 19, 1482-1495.	1.9	12

#	Article	IF	Citations
19	ZFD formula 4IgSFD_Y applied to future minimization. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1677-1681.	0.9	28
20	Simpler ZD-achieving controller for chaotic systems synchronization with parameter perturbation, model uncertainty and external disturbance as compared with other controllers. Optik, 2017, 131, 364-373.	1.4	14
21	Enhanced discrete-time Zhang neural network for time-variant matrix inversion in the presence of bias noises. Neurocomputing, 2016, 207, 220-230.	3.5	60