

Mingzhi Mao

List of Publications by Year in descending order

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42
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256
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid-Order Representation Learning for Electricity Theft Detection. IEEE Transactions on Industrial Informatics, 2023, 19, 1248-1259.	7.2	9
2	VQAMix: Conditional Triplet Mixup for Medical Visual Question Answering. IEEE Transactions on Medical Imaging, 2022, 41, 3332-3343.	5.4	9
3	MemoryPath: A deep reinforcement learning framework for incorporating memory component into knowledge graph reasoning. Neurocomputing, 2021, 419, 273-286.	3.5	14
4	Multi-Task Learning For Thyroid Nodule Segmentation With Thyroid Region Prior. , 2021, , .		18
5	7-Instant Discrete-Time Synthesis Model Solving Future Different-Level Linear Matrix System via Equivalency of Zeroing Neural Network. IEEE Transactions on Cybernetics, 2021, PP, 1-10.	6.2	2
6	A new goal ordering for incremental planning. Journal of Supercomputing, 2020, 76, 3713-3728.	2.4	0
7	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
8	Secure halftone image steganography with minimizing the distortion on pair swapping. Signal Processing, 2020, 167, 107287.	2.1	19
9	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
10	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
11	Five-instant type discrete-time ZND solving discrete time-varying linear system, division and quadratic programming. Neurocomputing, 2019, 331, 323-335.	3.5	18
12	Solving for Inverse-Like Dynamic Matrices of Variables and Derivatives Using Zhang Neural Dynamics (ZND) Equivalency. , 2019, , .		1
13	Discrete-Time Zeroing Dynamics Model for Solving Generalized Sylvester Future Matrix System. , 2019, , .		1
14	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
15	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
16	Simulation Verifications of ZND Control for Dynamics-Included Robot Systems Extended from One Link to Multiple Links. , 2018, , .		0
17	Defeats GAN: A Simpler Model Outperforms in Knowledge Representation Learning. , 2018, , .		0
18	Different Reformulation, ZD Tracking Control and Analysis of One-Link Rigid Robot System with Motor Dynamics. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	ZD, ZG and IOL Controllers and Comparisons for Nonlinear System Output Tracking with DBZ Problem Conquered in Different Relative Degree Cases. Asian Journal of Control, 2017, 19, 1482-1495.	1.9	12
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	Complex ZNN and GNN models for time-varying complex quadratic programming subject to equality constraints. , 2016, , .		7
22	The second-order ZD, GD and hybrid systems solving nonlinear equations compared with other dynamics. , 2016, , .		5
23	Combining WASP and ASF algorithms to forecast a Japan earthquake with Mj 7.2 or above. , 2016, , .		18
24	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
25	Complete theory for E47 and 94LVI algorithms solving inequality-and-bound constrained quadratic program efficiently. , 2015, , .		11
26	Zhang-Gradient Controllers for Tracking Control of Multiple-Integrator Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2015, 137, .	0.9	8
27	ZG control for nonlinear system 2-output tracking with GD used additionally once more. , 2015, , .		3
28	Controller groups of Z1G0 and Z1G1 types for brusselator with efficacy and superiority shown. , 2015, , .		0
29	New formula of 4-instant g-square finite difference (4lgSFD) applied to time-variant matrix inversion. , 2015, , .		6
30	Common nature of learning between BP-type and Hopfield-type neural networks. Neurocomputing, 2015, 167, 578-586.	3.5	28
31	Singularity-conquering tracking control of a class of chaotic systems using Zhang's gradient dynamics. IET Control Theory and Applications, 2015, 9, 871-881.	1.2	49
32	WASP neuronet activated by bipolar-sigmoid functions and applied to glomerular-filtration-rate estimation. , 2014, , .		3
33	Analysis of G-type model exploited for online ZLE solving. , 2014, , .		1
34	Finite-time convergence analysis and verification of improved ZNN for real-time matrix inversion. , 2014, , .		2
35	Verification of ZG controllers for cart path tracking of general IPC model with nonzero link mass. , 2014, , .		1
36	Cart Velocity Tracking of General IPC Model Using ZG Control Compared with Cart Path Tracking. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
37	Simulation and Analysis of the Network Model of the Quorum Sensing Process during Biofilm Creation. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
38	A Case Study on Tailoring Software Process for Characteristics Based on RUP. , 2009, , .		3
39	A Coherent Object-Oriented (OO) Software Metric Framework Model: Software Engineering. , 2008, , .		3
40	A New Component-Based Configuration Management 3C Model and its Realization. , 2008, , .		2
41	Multi-granularity Object-Oriented Software Estimation Model and Tools: Software Engineering. , 2008, , .		1