

Jun Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

385
papers

17,772
citations

81
h-index

118
g-index

467
ext. papers

21,653
ext. citations

5.6
avg, IF

7.76
L-index

#	Paper	IF	Citations
385	MDOAU-net: A Lightweight and Robust Deep Learning Model for SAR Image Segmentation in Aquaculture Raft Monitoring. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022 , 1-1	4.1	3
384	Scalable and Resilient Platooning Control of Cooperative Automated Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	6
383	Finite-Time and Fixed-Time Synchronization of Coupled Switched Neural Networks Subject to Stochastic Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-13	7.3	1
382	Cardinality-constrained portfolio selection based on collaborative neurodynamic optimization. <i>Neural Networks</i> , 2022 , 145, 68-79	9.1	14
381	Advances in Line-of-Sight Guidance for Path Following of Autonomous Marine Vehicles: An Overview. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-17	7.3	3
380	Disturbance observers and extended state observers for marine vehicles: A survey. <i>Control Engineering Practice</i> , 2022 , 123, 105158	3.9	4
379	Balanced clustering based on collaborative neurodynamic optimization. <i>Knowledge-Based Systems</i> , 2022 , 109026	7.3	0
378	Minimax and Biobjective Portfolio Selection Based on Collaborative Neurodynamic Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2825-2836	10.3	21
377	Bicriteria Sparse Nonnegative Matrix Factorization via Two-Timescale Duplex Neurodynamic Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	8
376	A one-layer recurrent neural network for nonsmooth pseudoconvex optimization with quasiconvex inequality and affine equality constraints.. <i>Neural Networks</i> , 2021 , 147, 1-9	9.1	0
375	Event-Triggered Synchronization of Multiple Fractional-Order Recurrent Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	1
374	Output-Feedback Flocking Control of Multiple Autonomous Surface Vehicles Based on Data-Driven Adaptive Extended State Observers. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4611-4622	10.2	31
373	A neurodynamic optimization approach to supervised feature selection via fractional programming. <i>Neural Networks</i> , 2021 , 136, 194-206	9.1	5
372	A Two-Timescale Neurodynamic Approach to Minimax Portfolio Optimization 2021 ,		1
371	A Two-Timescale Duplex Neurodynamic Approach to Mixed-Integer Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 36-48	10.3	43
370	Multiple and Complete Stability of Recurrent Neural Networks With Sinusoidal Activation Function. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 229-240	10.3	6
369	Global Exponential Synchronization of Coupled Delayed Memristive Neural Networks With Reaction-Diffusion Terms via Distributed Pinning Controls. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 105-116	10.3	10

368	Event-Triggered Dynamic Surface Control of an Underactuated Autonomous Surface Vehicle for Target Enclosing. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 3402-3412	8.9	64
367	Multiple-Target Surrounding and Collision Avoidance With Second-Order Nonlinear Multiagent Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 7454-7463	8.9	9
366	An Overview of Recent Advances in Coordinated Control of Multiple Autonomous Surface Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 732-745	11.9	83
365	Decentralized Robust Portfolio Optimization Based on Cooperative-Competitive Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
364	Data-Driven Adaptive Disturbance Observers for Model-Free Trajectory Tracking Control of Maritime Autonomous Surface Ships. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5584-5594	10.3	12
363	Safety-Critical Containment Maneuvering of Underactuated Autonomous Surface Vehicles Based on Neurodynamic Optimization With Control Barrier Functions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	4
362	Multivehicle Task Assignment Based on Collaborative Neurodynamic Optimization With Discrete Hopfield Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5274-5286	10.3	3
361	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 176-190	7.3	120
360	An Overview of the Stability Analysis of Recurrent Neural Networks With Multiple Equilibria. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	5
359	Multi-periodicity of switched neural networks with time delays and periodic external inputs under stochastic disturbances. <i>Neural Networks</i> , 2021 , 141, 107-119	9.1	2
358	Two-timescale neurodynamic approaches to supervised feature selection based on alternative problem formulations. <i>Neural Networks</i> , 2021 , 142, 180-191	9.1	7
357	Matrix-Form Neural Networks for Complex-Variable Basis Pursuit Problem With Application to Sparse Signal Reconstruction. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	3
356	An Efficient Sparse Bayesian Learning Algorithm Based on Gaussian-Scale Mixtures. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	6
355	Sparse Bayesian Learning Based on Collaborative Neurodynamic Optimization. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	2
354	Hash Bit Selection via Collaborative Neurodynamic Optimization With Discrete Hopfield Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	2
353	Alternative Mutation Operators in Collaborative Neurodynamic Optimization 2020 ,		1
352	A Discrete-Time Neurodynamic Approach to Sparsity-Constrained Nonnegative Matrix Factorization. <i>Neural Computation</i> , 2020 , 32, 1531-1562	2.9	0
351	Asymptotic and Finite-Time Cluster Synchronization of Coupled Fractional-Order Neural Networks With Time Delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4956-4967	10.3	28

350	Dynamically Weighted Model Predictive Control of Affine Nonlinear Systems Based on Two-Timescale Neurodynamic Optimization. <i>Lecture Notes in Computer Science</i> , 2020 , 96-105	0.9	
349	Two-Timescale Multilayer Recurrent Neural Networks for Nonlinear Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	2
348	Multistability of switched neural networks with sigmoidal activation functions under state-dependent switching. <i>Neural Networks</i> , 2020 , 122, 239-252	9.1	16
347	Neurodynamics-Based Model Predictive Control of Continuous-Time Under-Actuated Mechatronic Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 1-1	5.5	8
346	Reliable asynchronous sampled-data filtering of T _S fuzzy uncertain delayed neural networks with stochastic switched topologies. <i>Fuzzy Sets and Systems</i> , 2020 , 381, 1-25	3.7	237
345	Multistability of Recurrent Neural Networks With Piecewise-Linear Radial Basis Functions and State-Dependent Switching Parameters. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4458-4471	7.3	15
344	Non-fragile memory filtering of T-S fuzzy delayed neural networks based on switched fuzzy sampled-data control. <i>Fuzzy Sets and Systems</i> , 2020 , 394, 40-64	3.7	175
343	Task Assignment for Multivehicle Systems Based on Collaborative Neurodynamic Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 1145-1154	10.3	17
342	Two Projection Neural Networks With Reduced Model Complexity for Nonlinear Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2020-2029	10.3	18
341	Consensus of Heterogeneous Nonlinear Multiagent Systems With Duplex Control Laws. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 5140-5147	5.9	9
340	A collaborative neurodynamic approach to global and combinatorial optimization. <i>Neural Networks</i> , 2019 , 114, 15-27	9.1	34
339	Cooperative/Competitive Multiagent Systems for Distributed Minimax Optimization Subject to Bounded Constraints. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1358-1372	5.9	24
338	Constrained Control of Autonomous Underwater Vehicles Based on Command Optimization and Disturbance Estimation. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 3627-3635	8.9	127
337	A Collaborative Neurodynamic Optimization Approach to Bicriteria Portfolio Selection. <i>Lecture Notes in Computer Science</i> , 2019 , 318-327	0.9	2
336	Neurodynamics-Based Receding Horizon Control of an HVAC System. <i>Lecture Notes in Computer Science</i> , 2019 , 120-128	0.9	1
335	A Collaborative Neurodynamic Approach to Sparse Coding. <i>Lecture Notes in Computer Science</i> , 2019 , 454-462	0.9	1
334	Two-step MPC for systems with input non-linearity and norm-bounded disturbance. <i>IET Control Theory and Applications</i> , 2019 , 13, 183-190	2.5	1
333	Sparse Nonnegative Matrix Factorization Based on Collaborative Neurodynamic Optimization 2019 ,		1

332	Global Synchronization of Coupled Fractional-Order Recurrent Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2358-2368	10.3	55
331	Path-Following Control of Autonomous Underwater Vehicles Subject to Velocity and Input Constraints via Neurodynamic Optimization. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 8724-8732	8.9	130
330	Multistability of Switched Neural Networks With Piecewise Linear Activation Functions Under State-Dependent Switching. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2052-2066	10.3	28
329	A Two-Timescale Duplex Neurodynamic Approach to Biconvex Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2503-2514	10.3	35
328	New reliable nonuniform sampling control for uncertain chaotic neural networks under Markov switching topologies. <i>Applied Mathematics and Computation</i> , 2019 , 347, 169-193	2.7	101
327	Admissible Delay Upper Bounds for Global Asymptotic Stability of Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5319-5329	10.3	111
326	Robust Regression Estimation Based on Low-Dimensional Recurrent Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5935-5946	10.3	18
325	A nonnegative matrix factorization algorithm based on a discrete-time projection neural network. <i>Neural Networks</i> , 2018 , 103, 63-71	9.1	24
324	A Collaborative Neurodynamic Approach to Multiobjective Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5738-5748	10.3	37
323	. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 72-83	8.3	31
322	Output-Feedback Path-Following Control of Autonomous Underwater Vehicles Based on an Extended State Observer and Projection Neural Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 535-544	7.3	177
321	A Collaborative Neurodynamic Approach to Multiple-Objective Distributed Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 981-992	10.3	65
320	Distributed Maneuvering of Autonomous Surface Vehicles Based on Neurodynamic Optimization and Fuzzy Approximation. <i>IEEE Transactions on Control Systems Technology</i> , 2018 , 26, 1083-1090	4.8	181
319	Multistability of Recurrent Neural Networks With Nonmonotonic Activation Functions and Unbounded Time-Varying Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3000-3010	10.3	28
318	An Analog Circuit Design for k-Winners-Take-All Operations. <i>Lecture Notes in Computer Science</i> , 2018 , 666-675	0.9	0
317	Task Assignment Based on a Dual Neural Network. <i>Lecture Notes in Computer Science</i> , 2018 , 686-694	0.9	2
316	A Collaborative Neurodynamic Approach to Symmetric Nonnegative Matrix Factorization. <i>Lecture Notes in Computer Science</i> , 2018 , 453-462	0.9	2
315	Neurodynamics-Based Distributed Receding Horizon Trajectory Generation for Autonomous Surface Vehicles. <i>Lecture Notes in Computer Science</i> , 2018 , 155-167	0.9	1

314	Stochastic switched sampled-data control for synchronization of delayed chaotic neural networks with packet dropout. <i>Applied Mathematics and Computation</i> , 2018 , 335, 211-230	2.7	111
313	Classification of PolSAR Images Based on Adaptive Nonlocal Stacked Sparse Autoencoder. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018 , 15, 1050-1054	4.1	20
312	A Neurodynamic Approach to Multiobjective Linear Programming. <i>Lecture Notes in Computer Science</i> , 2018 , 11-18	0.9	1
311	A Two-Time-Scale Neurodynamic Approach to Constrained Minimax Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 620-629	10.3	35
310	A Collective Neurodynamic Approach to Distributed Constrained Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1747-1758	10.3	106
309	Global Synchronization of Multiple Recurrent Neural Networks With Time Delays via Impulsive Interactions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1657-1667	10.3	55
308	Distributed Optimization Based on a Multiagent System in the Presence of Communication Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 717-728	7.3	152
307	A Collective Neurodynamic Approach to Constrained Global Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1206-1215	10.3	58
306	Distributed Containment Maneuvering of Multiple Marine Vessels via Neurodynamics-Based Output Feedback. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 3831-3839	8.9	179
305	Multiple Mittag-Leffler Stability of Fractional-Order Recurrent Neural Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2279-2288	7.3	123
304	Stability analysis of delayed neural networks via a new integral inequality. <i>Neural Networks</i> , 2017 , 88, 49-57	9.1	44
303	Multivariate time series online prediction based on adaptive normalized sparse kernel recursive least squares algorithm 2017 ,		2
302	Target recognition of floating raft aquaculture in SAR image based on statistical region merging 2017 ,		7
301	Multistability of Delayed Recurrent Neural Networks with Mexican Hat Activation Functions. <i>Neural Computation</i> , 2017 , 29, 423-457	2.9	17
300	Containment Maneuvering of Marine Surface Vehicles With Multiple Parameterized Paths via Spatial-Temporal Decoupling. <i>IEEE/ASME Transactions on Mechatronics</i> , 2017 , 22, 1026-1036	5.5	111
299	Spatial valley separation in strained graphene pn junction. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 385401	1.8	6
298	UAV path planning based on receding horizon control with adaptive strategy 2017 ,		2
297	A Collective Neurodynamic Optimization Approach to Nonnegative Matrix Factorization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2344-2356	10.3	35

296	A Neurodynamic Optimization Approach to Bilevel Quadratic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2580-2591	10.3	53
295	Complete stability of delayed recurrent neural networks with Gaussian activation functions. <i>Neural Networks</i> , 2017 , 85, 21-32	9.1	30
294	A Multi-Agent System With a Proportional-Integral Protocol for Distributed Constrained Optimization. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 3461-3467	5.9	151
293	Predictor-Based Neural Dynamic Surface Control for Uncertain Nonlinear Systems in Strict-Feedback Form. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2156-2167	10.3	117
292	State Estimation for Autonomous Surface Vehicles Based on Echo State Networks. <i>Lecture Notes in Computer Science</i> , 2017 , 127-134	0.9	
291	A Collective Neurodynamic Optimization Approach to Nonnegative Tensor Decomposition. <i>Lecture Notes in Computer Science</i> , 2017 , 207-213	0.9	1
290	Saturated Kinetic Control of Autonomous Surface Vehicles Based on Neural Networks. <i>Lecture Notes in Computer Science</i> , 2017 , 93-100	0.9	
289	Multistability of Recurrent Neural Networks With Nonmonotonic Activation Functions and Mixed Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 512-523	7.3	79
288	An EEG-Based brain-computer interface for emotion recognition 2016 ,		5
287	Containment maneuvering of marine surface vessels 2016 ,		1
286	Multiple-objective optimization based on a two-time-scale neurodynamic system 2016 ,		3
285	A two-time-scale neurodynamic approach to robust pole assignment 2016 ,		1
284	Cooperative Dynamic Positioning of Multiple Marine Offshore Vessels: A Modular Design. <i>IEEE/ASME Transactions on Mechatronics</i> , 2016 , 21, 1210-1221	5.5	75
283	Robustness of Global Exponential Stability of Nonlinear Systems With Random Disturbances and Time Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 1157-1166	7.3	15
282	A Bi-Projection Neural Network for Solving Constrained Quadratic Optimization Problems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 214-24	10.3	77
281	L ¹ Minimization Algorithms for Sparse Signal Reconstruction Based on a Projection Neural Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 698-707	10.3	58
280	Spectral-spatial Classification of Hyperspectral Image Based on Locality Preserving Discriminant Analysis. <i>Lecture Notes in Computer Science</i> , 2016 , 21-29	0.9	1
279	SAR image unsupervised segmentation based on a modified fuzzy C-means algorithm 2016 ,		2

278	Efficient feature extraction framework for EEG signals classification 2016 ,		4
277	Supapixel-based sparse representation classifier for hyperspectral image 2016 ,		4
276	Tube-Based Robust Model Predictive Control of Nonlinear Systems via Collective Neurodynamic Optimization. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 4377-4386	8.9	38
275	Multistability analysis of a general class of recurrent neural networks with non-monotonic activation functions and time-varying delays. <i>Neural Networks</i> , 2016 , 79, 117-27	9.1	44
274	Global synchronization of stochastically disturbed memristive neurodynamics via discontinuous control laws. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2016 , 3, 121-131	7	25
273	Global synchronization of memristive neural networks subject to random disturbances via distributed pinning control. <i>Neural Networks</i> , 2016 , 84, 67-79	9.1	49
272	Passivity of switched recurrent neural networks with time-varying delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 357-66	10.3	100
271	Neurodynamics 2015 , 607-648		3
270	Low-dimensional recurrent neural network-based Kalman filter for speech enhancement. <i>Neural Networks</i> , 2015 , 67, 131-9	9.1	35
269	Oil Spill Monitoring Based on SAR Remote Sensing Imagery. <i>Aquatic Procedia</i> , 2015 , 3, 112-118		27
268	A Projection Neural Network for Constrained Quadratic Minimax Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 2891-900	10.3	58
267	. <i>IEEE Transactions on Control of Network Systems</i> , 2015 , 2, 382-392	4	11
266	A Second-Order Multi-Agent Network for Bound-Constrained Distributed Optimization. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 3310-3315	5.9	185
265	Global exponential periodicity and stability of discrete-time complex-valued recurrent neural networks with time-delays. <i>Neural Networks</i> , 2015 , 66, 119-30	9.1	56
264	Polarimetric SAR image segmentation based on spatially constrained kernel fuzzy C-means clustering 2015 ,		1
263	A Complex-Valued Projection Neural Network for Constrained Optimization of Real Functions in Complex Variables. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 3227-38	10.3	69
262	A one-layer recurrent neural network for constrained nonconvex optimization. <i>Neural Networks</i> , 2015 , 61, 10-21	9.1	58
261	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015 , 45, 235-249	7.3	143

260	Global exponential synchronization of multiple memristive neural networks with time delay via nonlinear coupling. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 1300-11	10.3	105
259	EEG Signals Classification Based on Wavelet Packet and Ensemble Extreme Learning Machine 2015 ,		1
258	Neurodynamics-Based Robust Pole Assignment for High-Order Descriptor Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 2962-71	10.3	26
257	Convergence and attractivity of memristor-based cellular neural networks with time delays. <i>Neural Networks</i> , 2015 , 63, 223-33	9.1	26
256	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015 , 45, 1077-1086	7.3	153
255	Nonlinear model predictive control based on collective neurodynamic optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 840-50	10.3	32
254	A Neurodynamic Optimization Approach to Bilevel Linear Programming. <i>Lecture Notes in Computer Science</i> , 2015 , 418-425	0.9	1
253	Model predictive control of servo motor driven constant pump hydraulic system in injection molding process based on neurodynamic optimization. <i>Journal of Zhejiang University: Science C</i> , 2014 , 15, 139-146		18
252	A collective neurodynamic optimization approach to bound-constrained nonconvex optimization. <i>Neural Networks</i> , 2014 , 55, 20-9	9.1	67
251	A one-layer recurrent neural network for constrained nonsmooth invex optimization. <i>Neural Networks</i> , 2014 , 50, 79-89	9.1	41
250	Robust model predictive control of nonlinear systems with unmodeled dynamics and bounded uncertainties based on neural networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 457-69	10.3	94
249	Model predictive control of multi-robot formation based on the simplified dual neural network 2014 ,		2
248	. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 829-839	8.3	31
247	Robust pole assignment for synthesizing feedback control systems using recurrent neural networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 383-93	10.3	51
246	Passivity and passification of memristor-based recurrent neural networks with time-varying delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 2099-109	10.3	95
245	Attractivity analysis of memristor-based cellular neural networks with time-varying delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 704-17	10.3	144
244	One-Layer Continuous-and Discrete-Time Projection Neural Networks for Solving Variational Inequalities and Related Optimization Problems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1308-1318	10.3	45
243	Machine-cell and Part-family Formation in Cellular Manufacturing Using a Two-phase Clustering Algorithm. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 2605-2610		2

242	Nonlinear and Robust Model Predictive Control of Systems with Unmodeled Dynamics Based on Supervised Learning and Neurodynamic Optimization 2014 , 193-219		1
241	Vehicle suspension vibration control using recurrent neural networks 2014 ,		1
240	Oil spill GF-1 remote sensing image segmentation using an evolutionary feedforward neural network 2014 ,		3
239	Containment control of networked autonomous underwater vehicles guided by multiple leaders using predictor-based neural DSC approach 2014 ,		1
238	Obstacle and singularity avoidance for kinematically redundant manipulators based on neurodynamic optimization 2014 ,		1
237	A systematic method for analyzing robust stability of interval neural networks with time-delays based on stability criteria. <i>Neural Networks</i> , 2014 , 54, 112-22	9.1	20
236	Multistability and Multiperiodicity Analysis of Complex-Valued Neural Networks. <i>Lecture Notes in Computer Science</i> , 2014 , 59-68	0.9	1
235	PolSAR Image Segmentation Based on the Modified Non-negative Matrix Factorization and Support Vector Machine. <i>Lecture Notes in Computer Science</i> , 2014 , 594-601	0.9	
234	A one-layer projection neural network for nonsmooth optimization subject to linear equalities and bound constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 812-24	10.3	143
233	Stochastic model predictive control of Markov jump linear systems based on a two-layer recurrent neural network 2013 ,		2
232	Global exponential dissipativity and stabilization of memristor-based recurrent neural networks with time-varying delays. <i>Neural Networks</i> , 2013 , 48, 158-72	9.1	164
231	A recurrent neural network for solving a class of generalized convex optimization problems. <i>Neural Networks</i> , 2013 , 44, 78-86	9.1	47
230	Neurodynamics 2013 , 561-577		
229	Efficient Euclidean distance transform algorithm of binary images in arbitrary dimensions. <i>Pattern Recognition</i> , 2013 , 46, 230-242	7.7	18
228	Neurodynamic optimization approaches to robust pole assignment based on alternative robustness measures 2013 ,		1
227	Robustness analysis of global exponential stability of non-linear systems with time delays and neutral terms. <i>IET Control Theory and Applications</i> , 2013 , 7, 1227-1232	2.5	8
226	Model predictive control of underwater gliders based on a one-layer recurrent neural network 2013 ,		5
225	A Neurodynamic Optimization Approach to Robust Pole Assignment for Synthesizing Linear Control Systems Based on a Convex Feasibility Problem Reformulation. <i>Lecture Notes in Computer Science</i> , 2013 , 284-291	0.9	0

224	A one-layer recurrent neural network for constrained pseudoconvex optimization and its application for dynamic portfolio optimization. <i>Neural Networks</i> , 2012 , 26, 99-109	9.1	103
223	. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 3089-3101	8.9	162
222	Robustness analysis of global exponential stability of recurrent neural networks in the presence of time delays and random disturbances. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 87-96	10.3	109
221	Chaotic time series prediction based on a novel robust echo state network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 787-99	10.3	196
220	A neurodynamic approach to bicriteria model predictive control of nonlinear affine systems based on a Goal Programming formulation 2012 ,		1
219	Model Predictive Synchronous Control of Barrel Temperature for Injection Molding Machine Based on Diagonal Recurrent Neural Networks. <i>Materials and Manufacturing Processes</i> , 2012 , 28, 24-30	4.1	5
218	Global stability of complex-valued recurrent neural networks with time-delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 853-65	10.3	266
217	Solving the assignment problem using continuous-time and discrete-time improved dual networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 821-7	10.3	15
216	. <i>IEEE Transactions on Industrial Informatics</i> , 2012 , 8, 746-756	11.9	69
215	. <i>IEEE Journal of Oceanic Engineering</i> , 2012 , 37, 717-726	3.3	103
214	A two-pass clustering algorithm based on linear assignment initialization and k-means method 2012 ,		2
213	IMPROVED BLIND SOURCE EXTRACTION FOR TIME DELAY ESTIMATE IN PASSIVE COHERENT LOCATION SYSTEM. <i>Progress in Electromagnetics Research B</i> , 2012 , 37, 257-274	0.7	1
212	Finite-time convergent recurrent neural network with a hard-limiting activation function for constrained optimization with piecewise-linear objective functions. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 601-13		80
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7	Bi-criteria torque optimization of redundant manipulators based on a simplified dual neural network	2
6	Obstacle avoidance of redundant manipulators using a dual neural network	2
5	A general projection neural network for solving optimization and related problems	1
4	Blind adaptive multiuser detection using a recurrent neural network	2
3	A primal-dual neural network for kinematic control of redundant manipulators subject to joint velocity constraints	8
2	Primal neural networks for solving convex quadratic programs	2
1	A dual neural network solving quadratic programming problems	4