

List of Publications by Year in descending order

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614
papers

23,557
citations

8732

75
h-index

19690

117
g-index

628
all docs

628
docs citations

628
times ranked

18760
citing authors

#	ARTICLE	IF	CITATIONS
1	CDK4/6 Inhibition Augments Antitumor Immunity by Enhancing T-cell Activation. <i>Cancer Discovery</i> , 2018, 8, 216-233.	7.7	503
2	Independently Recurrent Neural Network (IndRNN): Building A Longer and Deeper RNN. , 2018, , .		450
3	<i>Ex Vivo</i> Profiling of PD-1 Blockade Using Organotypic Tumor Spheroids. <i>Cancer Discovery</i> , 2018, 8, 196-215.	7.7	392
4	Mechanisms and clinical activity of an EGFR and HER2 exon 20-selective kinase inhibitor in non-small cell lung cancer. <i>Nature Medicine</i> , 2018, 24, 638-646.	15.2	351
5	Accelerating a Recurrent Neural Network to Finite-Time Convergence for Solving Time-Varying Sylvester Equation by Using a Sign-Bi-power Activation Function. <i>Neural Processing Letters</i> , 2013, 37, 189-205.	2.0	286
6	Manipulability Optimization of Redundant Manipulators Using Dynamic Neural Networks. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 4710-4720.	5.2	286
7	A Nonnegative Latent Factor Model for Large-Scale Sparse Matrices in Recommender Systems via Alternating Direction Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 579-592.	7.2	270
8	BAS: Beetle Antennae Search Algorithm for Optimization Problems. <i>International Journal of Robotics and Control</i> , 2018, 1, 1.	0.5	258
9	Kinematic Control of Redundant Manipulators Using Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 28, 2243-2254.	7.2	238
10	Distributed Recurrent Neural Networks for Cooperative Control of Manipulators: A Game-Theoretic Perspective. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 28, 415-426.	7.2	235
11	Robot manipulator control using neural networks: A survey. <i>Neurocomputing</i> , 2018, 285, 23-34.	3.5	228
12	KRAS Dimerization Impacts MEK Inhibitor Sensitivity and Oncogenic Activity of Mutant KRAS. <i>Cell</i> , 2018, 172, 857-868.e15.	13.5	220
13	Design and Analysis of FTZNN Applied to the Real-Time Solution of a Nonstationary Lyapunov Equation and Tracking Control of a Wheeled Mobile Manipulator. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 98-105.	7.2	209
14	Incorporation of Efficient Second-Order Solvers Into Latent Factor Models for Accurate Prediction of Missing QoS Data. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 1216-1228.	6.2	207
15	Integration-Enhanced Zhang Neural Network for Real-Time-Varying Matrix Inversion in the Presence of Various Kinds of Noises. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 2615-2627.	7.2	198
16	Modified ZNN for Time-Varying Quadratic Programming With Inherent Tolerance to Noises and Its Application to Kinematic Redundancy Resolution of Robot Manipulators. <i>IEEE Transactions on Industrial Electronics</i> , 2016, 63, 6978-6988.	5.2	194
17	Nonlinearly Activated Neural Network for Solving Time-Varying Complex Sylvester Equation. <i>IEEE Transactions on Cybernetics</i> , 2014, 44, 1397-1407.	6.2	187
18	Distributed Task Allocation of Multiple Robots: A Control Perspective. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 693-701.	5.9	181

#	ARTICLE	IF	CITATIONS
19	RNN Models for Dynamic Matrix Inversion: A Control-Theoretical Perspective. IEEE Transactions on Industrial Informatics, 2018, 14, 189-199.	7.2	173
20	Noise-Tolerant ZNN Models for Solving Time-Varying Zero-Finding Problems: A Control-Theoretic Approach. IEEE Transactions on Automatic Control, 2017, 62, 992-997.	3.6	166
21	Obstacle Avoidance and Tracking Control of Redundant Robotic Manipulator: An RNN-Based Metaheuristic Approach. IEEE Transactions on Industrial Informatics, 2020, 16, 4670-4680.	7.2	165
22	Repeated Remote Ischemic Postconditioning Protects Against Adverse Left Ventricular Remodeling and Improves Survival in a Rat Model of Myocardial Infarction. Circulation Research, 2011, 108, 1220-1225.	2.0	158
23	MicroRNA-101 regulates expression of the v-fos FBJ murine osteosarcoma viral oncogene homolog (FOS) oncogene in human hepatocellular carcinoma. Hepatology, 2009, 49, 1194-1202.	3.6	155
24	Neural Dynamics for Cooperative Control of Redundant Robot Manipulators. IEEE Transactions on Industrial Informatics, 2018, 14, 3812-3821.	7.2	151
25	Zeroing neural networks: A survey. Neurocomputing, 2017, 267, 597-604.	3.5	150
26	Video Saliency Detection via Spatial-Temporal Fusion and Low-Rank Coherency Diffusion. IEEE Transactions on Image Processing, 2017, 26, 3156-3170.	6.0	148
27	Tracking Control of Robot Manipulators with Unknown Models: A Jacobian-Matrix-Adaption Method. IEEE Transactions on Industrial Informatics, 2018, 14, 3044-3053.	7.2	148
28	Decentralized kinematic control of a class of collaborative redundant manipulators via recurrent neural networks. Neurocomputing, 2012, 91, 1-10.	3.5	147
29	Nonlinear recurrent neural networks for finite-time solution of general time-varying linear matrix equations. Neural Networks, 2018, 98, 102-113.	3.3	143
30	BAS-ADAM: an ADAM based approach to improve the performance of beetle antennae search optimizer. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 461-471.	8.5	143
31	A Fast Non-Negative Latent Factor Model Based on Generalized Momentum Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 610-620.	5.9	140
32	Cooperative Motion Generation in a Distributed Network of Redundant Robot Manipulators With Noises. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1715-1724.	5.9	138
33	A class of finite-time dual neural networks for solving quadratic programming problems and its -winners-take-all application. Neural Networks, 2013, 39, 27-39.	3.3	137
34	An overview of calibration technology of industrial robots. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 23-36.	8.5	137
35	A Novel Recurrent Neural Network for Manipulator Control With Improved Noise Tolerance. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1908-1918.	7.2	135
36	MicroRNA-193b regulates proliferation, migration and invasion in human hepatocellular carcinoma cells. European Journal of Cancer, 2010, 46, 2828-2836.	1.3	134

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37	Cooperative Distributed Source Seeking by Multiple Robots: Algorithms and Experiments. IEEE/ASME Transactions on Mechatronics, 2014, 19, 1810-1820.	3.7	132
38	A Novel Approach to Extracting Non-Negative Latent Factors From Non-Negative Big Sparse Matrices. IEEE Access, 2016, 4, 2649-2655.	2.6	130
39	A Noise-Suppressing Neural Algorithm for Solving the Time-Varying System of Linear Equations: A Control-Based Approach. IEEE Transactions on Industrial Informatics, 2019, 15, 236-246.	7.2	129
40	Symmetric and Nonnegative Latent Factor Models for Undirected, High-Dimensional, and Sparse Networks in Industrial Applications. IEEE Transactions on Industrial Informatics, 2017, 13, 3098-3107.	7.2	128
41	A New Varying-Parameter Convergent-Differential Neural-Network for Solving Time-Varying Convex QP Problem Constrained by Linear-Equality. IEEE Transactions on Automatic Control, 2018, 63, 4110-4125.	3.6	126
42	Genome-Wide Mapping of Structural Variations Reveals a Copy Number Variant That Determines Reproductive Morphology in Cucumber. Plant Cell, 2015, 27, 1595-1604.	3.1	125
43	Algorithms of Unconstrained Non-Negative Latent Factor Analysis for Recommender Systems. IEEE Transactions on Big Data, 2021, 7, 227-240.	4.4	125
44	Sirtuin 3-dependent mitochondrial redox homeostasis protects against AGEs-induced intervertebral disc degeneration. Redox Biology, 2018, 19, 339-353.	3.9	122
45	Harnessing Allosteric: A Novel Approach to Drug Discovery. Medicinal Research Reviews, 2014, 34, 1242-1285.	5.0	120
46	A dynamic neural network approach for solving nonlinear inequalities defined on a graph and its application to distributed, routing-free, range-free localization of WSNs. Neurocomputing, 2013, 117, 72-80.	3.5	116
47	Adaptive Neural Output-Feedback Control for a Class of Nonlower Triangular Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3658-3668.	7.2	116
48	Performance evaluation of an automotive thermoelectric generator with inserted fins or dimpled-surface hot heat exchanger. Applied Energy, 2018, 218, 391-401.	5.1	115
49	Modified Primal-Dual Neural Networks for Motion Control of Redundant Manipulators With Dynamic Rejection of Harmonic Noises. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4791-4801.	7.2	115
50	TORC1 Regulates Activity-Dependent CREB-Target Gene Transcription and Dendritic Growth of Developing Cortical Neurons. Journal of Neuroscience, 2009, 29, 2334-2343.	1.7	114
51	Inverse-Free Extreme Learning Machine With Optimal Information Updating. IEEE Transactions on Cybernetics, 2016, 46, 1229-1241.	6.2	111
52	A MapReduce based parallel SVM for large-scale predicting protein-protein interactions. Neurocomputing, 2014, 145, 37-43.	3.5	109
53	Distributed Winner-Take-All in Dynamic Networks. IEEE Transactions on Automatic Control, 2017, 62, 577-589.	3.6	109
54	An ACC Oxidase Gene Essential for Cucumber Carpel Development. Molecular Plant, 2016, 9, 1315-1327.	3.9	108

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55	An Incremental-and-Static-Combined Scheme for Matrix-Factorization-Based Collaborative Filtering. IEEE Transactions on Automation Science and Engineering, 2016, 13, 333-343.	3.4	107
56	Highly Efficient Framework for Predicting Interactions Between Proteins. IEEE Transactions on Cybernetics, 2017, 47, 731-743.	6.2	107
57	Dynamic task allocation in multi-robot coordination for moving target tracking: A distributed approach. Automatica, 2019, 100, 75-81.	3.0	107
58	Acid-sensing ion channels regulate nucleus pulposus cell inflammation and pyroptosis via the NLRP3 inflammasome in intervertebral disc degeneration. Cell Proliferation, 2021, 54, e12941.	2.4	105
59	Solving Time-Varying System of Nonlinear Equations by Finite-Time Recurrent Neural Networks With Application to Motion Tracking of Robot Manipulators. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2210-2220.	5.9	101
60	An Efficient Second-Order Approach to Factorize Sparse Matrices in Recommender Systems. IEEE Transactions on Industrial Informatics, 2015, 11, 946-956.	7.2	100
61	On Generalized RMP Scheme for Redundant Robot Manipulators Aided With Dynamic Neural Networks and Nonconvex Bound Constraints. IEEE Transactions on Industrial Informatics, 2019, 15, 5172-5181.	7.2	99
62	Requirement of TORC1 for Late-Phase Long-Term Potentiation in the Hippocampus. PLoS ONE, 2006, 1, e16.	1.1	98
63	Synthesis of doped ceria with mesoporous flowerlike morphology and its catalytic performance for CO oxidation. Microporous and Mesoporous Materials, 2009, 120, 426-431.	2.2	98
64	Advanced glycation end products regulate anabolic and catabolic activities <i>via</i> NLRP3-inflammasome activation in human nucleus pulposus cells. Journal of Cellular and Molecular Medicine, 2017, 21, 1373-1387.	1.6	98
65	ASD v2.0: updated content and novel features focusing on allosteric regulation. Nucleic Acids Research, 2014, 42, D510-D516.	6.5	96
66	Suppression of Adaptive Responses to Targeted Cancer Therapy by Transcriptional Repression. Cancer Discovery, 2018, 8, 59-73.	7.7	96
67	Adaptive Projection Neural Network for Kinematic Control of Redundant Manipulators With Unknown Physical Parameters. IEEE Transactions on Industrial Electronics, 2018, 65, 4909-4920.	5.2	96
68	Control framework for cooperative robots in smart home using bio-inspired neural network. Measurement: Journal of the International Measurement Confederation, 2021, 167, 108253.	2.5	91
69	Non-Negativity Constrained Missing Data Estimation for High-Dimensional and Sparse Matrices from Industrial Applications. IEEE Transactions on Cybernetics, 2020, 50, 1844-1855.	6.2	90
70	Selective Positive-Negative Feedback Produces the Winner-Take-All Competition in Recurrent Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 301-309.	7.2	88
71	The influence of inner topology of exhaust heat exchanger and thermoelectric module distribution on the performance of automotive thermoelectric generator. Energy Conversion and Management, 2016, 126, 266-277.	4.4	87
72	Genetic Regulation of Ethylene Dosage for Cucumber Fruit Elongation. Plant Cell, 2019, 31, 1063-1076.	3.1	85

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73	A Fault-Tolerant Method for Motion Planning of Industrial Redundant Manipulator. IEEE Transactions on Industrial Informatics, 2020, 16, 7469-7478.	7.2	83
74	Glycosides from the Stem Bark of Fraxinus sieboldiana. Journal of Natural Products, 2007, 70, 817-823.	1.5	81
75	From microscopy to nanoscopy via visible light. Light: Science and Applications, 2013, 2, e108-e108.	7.7	81
76	Lkb1 inactivation drives lung cancer lineage switching governed by Polycomb Repressive Complex 2. Nature Communications, 2017, 8, 14922.	5.8	80
77	BET Bromodomain Inhibition Cooperates with PD-1 Blockade to Facilitate Antitumor Response in <i>Kras</i> -Mutant Non-Small Cell Lung Cancer. Cancer Immunology Research, 2018, 6, 1234-1245.	1.6	80
78	Nonconvex function activated zeroing neural network models for dynamic quadratic programming subject to equality and inequality constraints. Neurocomputing, 2017, 267, 107-113.	3.5	78
79	Recurrent Neural Network for Kinematic Control of Redundant Manipulators With Periodic Input Disturbance and Physical Constraints. IEEE Transactions on Cybernetics, 2019, 49, 4194-4205.	6.2	77
80	Mono-, Bi-, and Triphenanthrenes from the Tubers of <i>Cremastra appendiculata</i> . Journal of Natural Products, 2006, 69, 907-913.	1.5	76
81	Deficiency of Suppressor Enhancer Lin12 1 Like (SEL1L) in Mice Leads to Systemic Endoplasmic Reticulum Stress and Embryonic Lethality. Journal of Biological Chemistry, 2010, 285, 13694-13703.	1.6	76
82	The Structural Basis of ATP as an Allosteric Modulator. PLoS Computational Biology, 2014, 10, e1003831.	1.5	76
83	Intelligent Beetle Antennae Search for UAV Sensing and Avoidance of Obstacles. Sensors, 2019, 19, 1758.	2.1	76
84	Phthalate exposure in association with serum hormone levels, sperm DNA damage and spermatozoa apoptosis: A cross-sectional study in China. Environmental Research, 2016, 150, 557-565.	3.7	75
85	Distributed Biased Min-Consensus With Applications to Shortest Path Planning. IEEE Transactions on Automatic Control, 2017, 62, 5429-5436.	3.6	75
86	Restoration of Autophagic Flux Rescues Oxidative Damage and Mitochondrial Dysfunction to Protect against Intervertebral Disc Degeneration. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-27.	1.9	75
87	Sharper fluorescent super-resolution spot generated by azimuthally polarized beam in STED microscopy. Optics Express, 2012, 20, 17653.	1.7	74
88	Comparison of the Nuss versus Ravitch procedure for pectus excavatum repair: an updated meta-analysis. Journal of Pediatric Surgery, 2017, 52, 1545-1552.	0.8	74
89	Kinetically Determined Phase Transition from Stage II (LiC ₁₂) to Stage I (LiC ₆) in a Graphite Anode for Li-Ion Batteries. Journal of Physical Chemistry Letters, 2018, 9, 5567-5573.	2.1	74
90	Design, verification and robotic application of a novel recurrent neural network for computing dynamic Sylvester equation. Neural Networks, 2018, 105, 185-196.	3.3	73

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91	A Novel Supertwisting Zeroing Neural Network With Application to Mobile Robot Manipulators. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1776-1787.	7.2	73
92	A Highly Efficient Approach to Protein Interactome Mapping Based on Collaborative Filtering Framework. Scientific Reports, 2015, 5, 7702.	1.6	72
93	Ferroportin-Dependent Iron Homeostasis Protects against Oxidative Stress-Induced Nucleus Pulposus Cell Ferroptosis and Ameliorates Intervertebral Disc Degeneration In Vivo. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	1.9	72
94	Simvastatin Inhibits IL-1 β -Induced Apoptosis and Extracellular Matrix Degradation by Suppressing the NF- κ B and MAPK Pathways in Nucleus Pulposus Cells. Inflammation, 2017, 40, 725-734.	1.7	69
95	Velocity-Level Control With Compliance to Acceleration-Level Constraints: A Novel Scheme for Manipulator Redundancy Resolution. IEEE Transactions on Industrial Informatics, 2018, 14, 921-930.	7.2	69
96	A Data-Driven Cyclic-Motion Generation Scheme for Kinematic Control of Redundant Manipulators. IEEE Transactions on Control Systems Technology, 2021, 29, 53-63.	3.2	69
97	Downregulation of hsa_circ_0074854 Suppresses the Migration and Invasion in Hepatocellular Carcinoma via Interacting with HuR and via Suppressing Exosomes-Mediated Macrophage M2 Polarization. International Journal of Nanomedicine, 2021, Volume 16, 2803-2818.	3.3	69
98	Critical contribution of RIPK1 mediated mitochondrial dysfunction and oxidative stress to compression-induced rat nucleus pulposus cells necroptosis and apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2018, 23, 299-313.	2.2	68
99	Zeroing Neural Dynamics for Control Design: Comprehensive Analysis on Stability, Robustness, and Convergence Speed. IEEE Transactions on Industrial Informatics, 2019, 15, 2605-2616.	7.2	68
100	Depth Image Based View Synthesis: New Insights and Perspectives on Hole Generation and Filling. IEEE Transactions on Broadcasting, 2016, 62, 82-93.	2.5	67
101	Metformin facilitates mesenchymal stem cell-derived extracellular nanovesicles release and optimizes therapeutic efficacy in intervertebral disc degeneration. Biomaterials, 2021, 274, 120850.	5.7	67
102	Berberine ameliorates oxidative stress-induced apoptosis by modulating ER stress and autophagy in human nucleus pulposus cells. Life Sciences, 2019, 228, 85-97.	2.0	65
103	Dynamic Neural Networks for Kinematic Redundancy Resolution of Parallel Stewart Platforms. IEEE Transactions on Cybernetics, 2016, 46, 1538-1550.	6.2	64
104	New Disturbance Rejection Constraint for Redundant Robot Manipulators: An Optimization Perspective. IEEE Transactions on Industrial Informatics, 2020, 16, 2221-2232.	7.2	64
105	Dynamic Neural Networks for Motion-Force Control of Redundant Manipulators: An Optimization Perspective. IEEE Transactions on Industrial Electronics, 2021, 68, 1525-1536.	5.2	64
106	Composite Neural Learning-Based Nonsingular Terminal Sliding Mode Control of MEMS Gyroscopes. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1375-1386.	7.2	63
107	Bromophenol Derivatives from the Red Alga Rhodospira rubra. Journal of Natural Products, 2004, 67, 1032-1035.	1.5	62
108	Decentralized control of collaborative redundant manipulators with partial command coverage via locally connected recurrent neural networks. Neural Computing and Applications, 2013, 23, 1051-1060.	3.2	62

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109	New Discretization-Formula-Based Zeroing Dynamics for Real-Time Tracking Control of Serial and Parallel Manipulators. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 3416-3425.	7.2	61
110	Engineering Extracellular Vesicles Restore the Impaired Cellular Uptake and Attenuate Intervertebral Disc Degeneration. <i>ACS Nano</i> , 2021, 15, 14709-14724.	7.3	61
111	Phelligrindimer A, a Highly Oxygenated and Unsaturated 26-Membered Macrocyclic Metabolite with Antioxidant Activity from the Fungus <i>Phellinus igniarius</i> . <i>Organic Letters</i> , 2005, 7, 4733-4736.	2.4	60
112	Using Laplacian Eigenmap as Heuristic Information to Solve Nonlinear Constraints Defined on a Graph and Its Application in Distributed Range-Free Localization of Wireless Sensor Networks. <i>Neural Processing Letters</i> , 2013, 37, 411-424.	2.0	60
113	miR-17 inhibitor suppressed osteosarcoma tumor growth and metastasis via increasing PTEN expression. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 230-234.	1.0	60
114	Enhanced discrete-time Zhang neural network for time-variant matrix inversion in the presence of bias noises. <i>Neurocomputing</i> , 2016, 207, 220-230.	3.5	60
115	Nonconvex projection activated zeroing neurodynamic models for time-varying matrix pseudoinversion with accelerated finite-time convergence. <i>Applied Soft Computing Journal</i> , 2018, 62, 840-850.	4.1	59
116	Dynamic neural networks based kinematic control for redundant manipulators with model uncertainties. <i>Neurocomputing</i> , 2019, 329, 255-266.	3.5	59
117	Tracking control of redundant mobile manipulator: An RNN based metaheuristic approach. <i>Neurocomputing</i> , 2020, 400, 272-284.	3.5	59
118	The Mechanism of ATP-Dependent Allosteric Protection of Akt Kinase Phosphorylation. <i>Structure</i> , 2015, 23, 1725-1734.	1.6	58
119	Long non-coding RNA HOTAIR modulates intervertebral disc degenerative changes via Wnt/β^2 -catenin pathway. <i>Arthritis Research and Therapy</i> , 2019, 21, 201.	1.6	58
120	Cryptanalysis and improvement of a three-party key agreement protocol using enhanced Chebyshev polynomials. <i>Nonlinear Dynamics</i> , 2013, 74, 419-427.	2.7	57
121	Effect of a polysaccharide from <i>Poria cocos</i> on humoral response in mice immunized by H1N1 influenza and HBsAg vaccines. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 248-257.	3.6	57
122	A Neural Controller for Image-Based Visual Servoing of Manipulators With Physical Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 5419-5429.	7.2	57
123	Bilevel Feature Learning for Video Saliency Detection. <i>IEEE Transactions on Multimedia</i> , 2018, 20, 3324-3336.	5.2	57
124	Development of Novel Biocomposite Scaffold of Chitosan-Gelatin/Nanohydroxyapatite for Potential Bone Tissue Engineering Applications. <i>Nanoscale Research Letters</i> , 2016, 11, 487.	3.1	56
125	Predictive Suboptimal Consensus of Multiagent Systems With Nonlinear Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 1701-1711.	5.9	56
126	Zeroing neural-dynamics approach and its robust and rapid solution for parallel robot manipulators against superposition of multiple disturbances. <i>Neurocomputing</i> , 2018, 275, 845-858.	3.5	56

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127	Human guided cooperative robotic agents in smart home using beetle antennae search. <i>Science China Information Sciences</i> , 2022, 65, .	2.7	56
128	Multi-robot cooperative control for monitoring and tracking dynamic plumes. , 2014, , .		55
129	Efficient Extraction of Non-negative Latent Factors from High-Dimensional and Sparse Matrices in Industrial Applications. , 2016, , .		55
130	MicroRNA-132 upregulation promotes matrix degradation in intervertebral disc degeneration. <i>Experimental Cell Research</i> , 2017, 359, 39-49.	1.2	55
131	A new recurrent neural network with noise-tolerance and finite-time convergence for dynamic quadratic minimization. <i>Neurocomputing</i> , 2018, 285, 125-132.	3.5	55
132	Recurrent-Neural-Network-Based Velocity-Level Redundancy Resolution for Manipulators Subject to a Joint Acceleration Limit. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 3573-3582.	5.2	55
133	Adaptive Near-Optimal Control of Uncertain Systems With Application to Underactuated Surface Vessels. <i>IEEE Transactions on Control Systems Technology</i> , 2018, 26, 1204-1218.	3.2	54
134	Improving network topology-based protein interactome mapping via collaborative filtering. <i>Knowledge-Based Systems</i> , 2015, 90, 23-32.	4.0	52
135	Nonlinear gradient neural network for solving system of linear equations. <i>Information Processing Letters</i> , 2019, 142, 35-40.	0.4	52
136	A Dynamic Neural Network Approach for Efficient Control of Manipulators. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 932-941.	5.9	52
137	Highly Acylated Diterpenoids with a New 3,4-Secograyanane Skeleton from the Flower Buds of <i>Rhododendron molle</i> . <i>Organic Letters</i> , 2010, 12, 1560-1563.	2.4	51
138	Large-Scale Protein-Protein Interactions Detection by Integrating Big Biosensing Data with Computational Model. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	51
139	Robust adaptive fuzzy fault-tolerant control for a class of non-lower-triangular nonlinear systems with actuator failures. <i>Information Sciences</i> , 2016, 336, 60-74.	4.0	51
140	Government incentive impacts on private investment behaviors under demand uncertainty. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 101, 115-129.	3.7	51
141	Probing the Structural Transition Kinetics and Charge Compensation of the P ₂ -Na ^{0.78} Al ^{0.05} Ni ^{0.33} Mn ^{0.60} O ₂ Cathode for Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 24122-24131.	4.0	51
142	Bromophenols Coupled with Methyl ¹³ C-Ureidobutyrate and Bromophenol Sulfates from the Red Alga <i>Rhododermis confervoides</i> . <i>Journal of Natural Products</i> , 2006, 69, 206-210.	1.5	50
143	Tricriteria Optimization-Coordination Motion of Dual-Redundant-Robot Manipulators for Complex Path Planning. <i>IEEE Transactions on Control Systems Technology</i> , 2018, 26, 1345-1357.	3.2	50
144	The Mechanism of Allosteric Inhibition of Protein Tyrosine Phosphatase 1B. <i>PLoS ONE</i> , 2014, 9, e97668.	1.1	49

#	ARTICLE	IF	CITATIONS
145	Co-Design of Finite-Time Convergence and Noise Suppression: A Unified Neural Model for Time Varying Linear Equations With Robotic Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5233-5243.	5.9	49
146	New Super-Twisting Zeroing Neural-Dynamics Model for Tracking Control of Parallel Robots: A Finite-Time and Robust Solution. IEEE Transactions on Cybernetics, 2020, 50, 2651-2660.	6.2	48
147	Integrating Building Information Model and Augmented Reality for Drone-Based Building Inspection. Journal of Computing in Civil Engineering, 2021, 35, .	2.5	48
148	Analysis and Application of Modified ZNN Design With Robustness Against Harmonic Noise. IEEE Transactions on Industrial Informatics, 2020, 16, 4627-4638.	7.2	47
149	Fast and Robust Data Association Using Posterior Based Approximate Joint Compatibility Test. IEEE Transactions on Industrial Informatics, 2014, 10, 331-339.	7.2	46
150	MicroRNA-23a-3p promotes the development of osteoarthritis by directly targeting SMAD3 in chondrocytes. Biochemical and Biophysical Research Communications, 2016, 478, 467-473.	1.0	46
151	Adaptive near-optimal consensus of high-order nonlinear multi-agent systems with heterogeneity. Automatica, 2017, 85, 426-432.	3.0	46
152	Dynamic Anchor Feature Selection for Single-Shot Object Detection. , 2019, , .		46
153	Compatible Convexâ€“Nonconvex Constrained QP-Based Dual Neural Networks for Motion Planning of Redundant Robot Manipulators. IEEE Transactions on Control Systems Technology, 2019, 27, 1250-1258.	3.2	46
154	Quantum beetle antennae search: a novel technique for the constrained portfolio optimization problem. Science China Information Sciences, 2021, 64, 1.	2.7	46
155	Construction of reliable proteinâ€“protein interaction networks using weighted sparse representation based classifier with pseudo substitution matrix representation features. Neurocomputing, 2016, 218, 131-138.	3.5	45
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