Qinggang Meng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6933198/publications.pdf

Version: 2024-02-01

60 papers	2,073 citations	394421 19 h-index	254184 43 g-index
60 all docs	60 docs citations	60 times ranked	1611 citing authors

#	Article	IF	Citations
1	Synchronization of Generally Uncertain Markovian Inertial Neural Networks With Random Connection Weight Strengths and Image Encryption Application. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5911-5925.	11.3	7
2	Dissipativity-Based Consensus Tracking Control of Nonlinear Multiagent Systems With Generally Uncertain Markovian Switching Topologies and Event-Triggered Strategy. IEEE Transactions on Cybernetics, 2023, 53, 4763-4778.	9.5	7
3	No Reference Quality Assessment for Screen Content Images Using Stacked Autoencoders in Pictorial and Textual Regions. IEEE Transactions on Cybernetics, 2022, 52, 2798-2810.	9.5	52
4	Leaf Disease Segmentation and Detection in Apple Orchards for Precise Smart Spraying in Sustainable Agriculture. Sustainability, 2022, 14, 1458.	3.2	33
5	Walking motion real-time detection method based on walking stick, IoT, COPOD and improved LightGBM. Applied Intelligence, 2022, 52, 16398-16416.	5.3	5
6	Imitation learning based decision-making for autonomous vehicle control at traffic roundabouts. Multimedia Tools and Applications, 2022, 81, 39873-39889.	3.9	10
7	A neural refinement network for single image view synthesis. Neurocomputing, 2022, 496, 35-45.	5.9	2
8	Discovering unknowns: Context-enhanced anomaly detection for curiosity-driven autonomous underwater exploration. Pattern Recognition, 2022, 131, 108860.	8.1	9
9	Communication and Interaction With Semiautonomous Ground Vehicles by Force Control Steering. IEEE Transactions on Cybernetics, 2021, 51, 3913-3924.	9.5	19
10	FADN: Fully Connected Attitude Detection Network Based on Industrial Video. IEEE Transactions on Industrial Informatics, 2021, 17, 2011-2020.	11.3	40
11	Visual Perception Enabled Industry Intelligence: State of the Art, Challenges and Prospects. IEEE Transactions on Industrial Informatics, 2021, 17, 2204-2219.	11.3	149
12	Informed Anytime Fast Marching Tree for Asymptotically Optimal Motion Planning. IEEE Transactions on Industrial Electronics, 2021, 68, 5068-5077.	7.9	13
13	Multi-objective microservice deployment optimization via a knowledge-driven evolutionary algorithm. Complex & Intelligent Systems, 2021, 7, 1153-1171.	6.5	9
14	Panoramic Video Quality Assessment Based on Non-Local Spherical CNN. IEEE Transactions on Multimedia, 2021, 23, 797-809.	7.2	20
15	Road surface real-time detection based on Raspberry Pi and recurrent neural networks. Transactions of the Institute of Measurement and Control, 2021, 43, 2540-2550.	1.7	7
16	A Deep Evaluator for Image Retargeting Quality by Geometrical and Contextual Interaction. IEEE Transactions on Cybernetics, 2020, 50, 87-99.	9.5	29
17	An End-to-End Steel Surface Defect Detection Approach via Fusing Multiple Hierarchical Features. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1493-1504.	4.7	557
18	Precise Measurement of Position and Attitude Based on Convolutional Neural Network and Visual Correspondence Relationship. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2030-2041.	11.3	12

#	Article	IF	Citations
19	No-Reference Quality Assessment of Stereoscopic Videos With Inter-Frame Cross on a Content-Rich Database. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3608-3623.	8.3	10
20	PGA-Net: Pyramid Feature Fusion and Global Context Attention Network for Automated Surface Defect Detection. IEEE Transactions on Industrial Informatics, 2020, 16, 7448-7458.	11.3	246
21	Balance Control of a Bipedal Robot Utilizing Intuitive Pattern Generators with Extended Normalized Advantage Functions. , 2020, , .		1
22	Learning object-centric complementary features for zero-shot learning. Signal Processing: Image Communication, 2020, 89, 115974.	3.2	5
23	Assembling Convolution Neural Networks for Automatic Viewing Transformation. IEEE Transactions on Industrial Informatics, 2020, 16, 587-594.	11.3	4
24	Unsupervised Saliency Detection of Rail Surface Defects using Stereoscopic Images. IEEE Transactions on Industrial Informatics, 2020, , 1-1.	11.3	34
25	Multi-Grid based decision making at Roundabout for Autonomous Vehicles. , 2019, , .		2
26	How Good are Distributed Allocation Algorithms for Solving Urban Search and Rescue Problems? A Comparative Study With Centralized Algorithms. IEEE Transactions on Automation Science and Engineering, 2019, 16, 478-485.	5.2	37
27	A Blind Stereoscopic Image Quality Evaluator With Segmented Stacked Autoencoders Considering the Whole Visual Perception Route. IEEE Transactions on Image Processing, 2019, 28, 1314-1328.	9.8	45
28	Addressing robustness in time-critical, distributed, task allocation algorithms. Applied Intelligence, 2019, 49, 1-15.	5.3	39
29	Distributed Task Rescheduling With Time Constraints for the Optimization of Total Task Allocations in a Multirobot System. IEEE Transactions on Cybernetics, 2018, 48, 2583-2597.	9.5	77
30	No Reference Quality Assessment of Stereo Video Based on Saliency and Sparsity. IEEE Transactions on Broadcasting, 2018, 64, 341-353.	3.2	37
31	Quality assessment for virtual reality technology based on real scene. Neural Computing and Applications, 2018, 29, 1199-1208.	5.6	12
32	Reliable, Distributed Scheduling and Rescheduling for Time-Critical, Multiagent Systems. IEEE Transactions on Automation Science and Engineering, 2018, 15, 732-747.	5.2	52
33	Fast consensus for fully distributed multi-agent task allocation. , 2018, , .		9
34	Pattern Classification of Hand Movements using Time Domain Features of Electromyography. , 2017, , .		20
35	Quality Index for Stereoscopic Images by Jointly Evaluating Cyclopean Amplitude and Cyclopean Phase. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 89-101.	10.8	33
36	A Robust, Distributed Task Allocation Algorithm for Time-Critical, Multi Agent Systems Operating in Uncertain Environments. Lecture Notes in Computer Science, 2017, , 55-64.	1.3	5

#	Article	IF	Citations
37	Generic, network schema agnostic sparse tensor factorization for single-pass clustering of heterogeneous information networks. PLoS ONE, 2017, 12, e0172323.	2.5	2
38	A new research on contrast sensitivity function in 3D space. Multimedia Tools and Applications, 2017, 76, 11127-11142.	3.9	1
39	A Heuristic Distributed Task Allocation Method for Multivehicle Multitask Problems and Its Application to Search and Rescue Scenario. IEEE Transactions on Cybernetics, 2016, 46, 902-915.	9.5	153
40	Stereoscopic image quality assessment method based on binocular combination saliency model. Signal Processing, 2016, 125, 237-248.	3.7	69
41	Robust vehicle tracking and detection from UAVs. , 2015, , .		8
42	Theory and Applications of Complex Networks 2014. Mathematical Problems in Engineering, 2015, 2015, 1-2.	1.1	1
43	A novel distributed scheduling algorithm for time-critical multi-agent systems. , 2015, , .		22
44	Increasing allocated tasks with a time minimization algorithm for a search and rescue scenario. , 2015, , .		9
45	Dynamic Symmetric Key Mobile Commerce Scheme Based on Self-Verified Mechanism. Mathematical Problems in Engineering, 2014, 2014, 1-8.	1.1	0
46	Energy-Efficient Scheduling for Tasks with Deadline in Virtualized Environments. Mathematical Problems in Engineering, 2014, 2014, 1-7.	1.1	10
47	Robots learn to dance through interaction with humans. Neural Computing and Applications, 2014, 24, 117-124.	5.6	19
48	A novel approach for pilot error detection using Dynamic Bayesian Networks. Cognitive Neurodynamics, 2014, 8, 227-238.	4.0	8
49	Physiological measurement used in real time experiment to detect driver cognitive distraction. , 2014, , .		2
50	Landmark-Based Methods for Temporal Alignment of Human Motions. IEEE Computational Intelligence Magazine, 2014, 9, 29-37.	3.2	9
51	A Consensus-Based Grouping Algorithm for Multi-agent Cooperative Task Allocation with Complex Requirements. Cognitive Computation, 2014, 6, 338-350.	5.2	45
52	Flock identification using connected components labeling for multi-robot shepherding. , 2013, , .		1
53	Vehicle Detection from UAVs by Using SIFT with Implicit Shape Model. , 2013, , .		13
54	A Machine Learning Method for Identification of Key Body Poses in Cyclic Physical Exercises. , 2013, , .		2

#	Article	IF	Citations
55	IMMUNE-INSPIRED COOPERATIVE MECHANISM WITH REFINED LOW-LEVEL BEHAVIORS FOR MULTI-ROBOT SHEPHERDING. International Journal of Computational Intelligence and Applications, 2012, 11, 1250007.	0.8	8
56	Citrus canker detection based on leaf images analysis. , 2010, , .		14
57	Empathy between Human and Home Service Robots. , 2009, , .		1
58	Multi-robot cooperation using immune network with memory. , 2009, , .		7
59	Towards a learning framework for dancing robots. , 2009, , .		2
60	Automated cross-modal mapping in robotic eye/hand systems using plastic radial basis function networks. Connection Science, 2007, 19, 25-52.	3.0	19