

# Qingyang Xu

## List of Publications by Year in descending order

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papers

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citations

840776

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all docs

54  
docs citations

54  
times ranked

415  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous Pilot of Unmanned Surface Vehicles: Bridging Path Planning and Tracking. IEEE Transactions on Vehicular Technology, 2022, 71, 2358-2374.	6.3	64
2	Balance Control of a Quadruped Robot Based on Foot Fall Adjustment. Applied Sciences (Switzerland), 2022, 12, 2521.	2.5	9
3	Self-supervised learning of LiDAR odometry based on spherical projection. International Journal of Advanced Robotic Systems, 2022, 19, 172988062210786.	2.1	5
4	Scene images and text information-based object location of robot grasping. IET Cyber-Systems and Robotics, 2022, 4, 116-130.	1.8	1
5	A Collaborative Control Method of Dual-Arm Robots Based on Deep Reinforcement Learning. Applied Sciences (Switzerland), 2021, 11, 1816.	2.5	9
6	Scene image and human skeleton-based dual-stream human action recognition. Pattern Recognition Letters, 2021, 148, 136-145.	4.2	19
7	Random mask-based estimation of the distribution algorithm for stacked auto-encoder one-step pre-training. Computers and Industrial Engineering, 2021, 158, 107400.	6.3	2
8	A survey on generative adversarial network-based text-to-image synthesis. Neurocomputing, 2021, 451, 316-336.	5.9	25
9	A Novel Fault Diagnosis Algorithm for Rolling Bearings Based on One-Dimensional Convolutional Neural Network and INPSO-SVM. Applied Sciences (Switzerland), 2020, 10, 4303.	2.5	16
10	I3D-ShuffleNet Based Human Action Recognition. Algorithms, 2020, 13, 301.	2.1	12
11	Deep Learning Technique Based Surveillance Video Analysis for the Store. Applied Artificial Intelligence, 2020, 34, 1055-1073.	3.2	6
12	Underwater Fish Body Length Estimation Based on Binocular Image Processing. Information (Switzerland), 2020, 11, 476.	2.9	9
13	Adaptive Attention-based High-level Semantic Introduction for Image Caption. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-22.	4.3	5
14	Ameliorated Particle Swarm Optimization Algorithm and Its Application in Robot Path Planning. , 2020, , .		0
15	A survey on deep neural network-based image captioning. Visual Computer, 2019, 35, 445-470.	3.5	57
16	Action Recognition Based on Spatial Temporal Graph Convolutional Networks. , 2019, , .		11
17	Fault Diagnosis Based on A Stacked Sparse Auto-Encoder Network and KNN Classifier. , 2019, , .		2
18	EDA based Deep Neural Network Parameter Optimization. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	An Improved GMM based Video Foreground Separation. , 2019, , .		4
20	Vision-based Mobile Robot's Environment Outdoor Perception. , 2019, , .		3
21	Deep Convolutional Neural Network-Based Autonomous Marine Vehicle Maneuver. International Journal of Fuzzy Systems, 2018, 20, 687-699.	4.0	25
22	Two-Wheeled Robot Platform Based on PID Control. , 2018, , .		14
23	A Deep Fully Convolution Neural Network for Semantic Segmentation Based on Adaptive Feature Fusion. , 2018, , .		13
24	Monocular Image Depth Estimation Using a Conditional Generative Adversarial Net. , 2018, , .		1
25	The difference learning of hidden layer between autoencoder and variational autoencoder. , 2017, , .		14
26	Deep convolutional neural network based unmanned surface vehicle maneuvering. , 2017, , .		7
27	The Learning Effect of Different Hidden Layers Stacked Autoencoder. , 2016, , .		11
28	Different Feature Combination Rules in CNNs for Face Detection. Lecture Notes in Electrical Engineering, 2016, , 105-110.	0.4	0
29	Adaptive Learning Rate Elitism Estimation of Distribution Algorithm Combining Chaos Perturbation for Large Scale Optimization. Open Cybernetics and Systemics Journal, 2016, 10, 20-40.	0.3	2
30	Convolutional Neural Network with Corrupted Input. , 2015, , .		0
31	The effect of different hidden unit number of sparse autoencoder. , 2015, , .		10
32	Denoising Convolutional Neural Network. , 2015, , .		14
33	A Fast Elitism Gaussian Estimation of Distribution Algorithm and Application for PID Optimization. Scientific World Journal, The, 2014, 2014, 1-14.	2.1	3
34	Multi-objective based course-keeping controller optimization of Unmanned Surface Vehicle. , 2014, , .		1
35	Multiobjective Optimization Based Vessel Collision Avoidance Strategy Optimization. Mathematical Problems in Engineering, 2014, 2014, 1-9.	1.1	11
36	Modelling of Lime Kiln Using Subspace Method with New Order Selection Criterion. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	3

#	ARTICLE	IF	CITATIONS
37	Chaos elitism estimation of distribution algorithm. , 2014, , .		1
38	Multiobjective Optimization of PID Controller of PMSM. Journal of Control Science and Engineering, 2014, 2014, 1-9.	1.0	20
39	Collision avoidance strategy optimization based on danger immune algorithm. Computers and Industrial Engineering, 2014, 76, 268-279.	6.3	32
40	USV course controller optimization based on elitism estimation of distribution algorithm. , 2014, , .		3
41	A Survey on Ship Collision Risk Evaluation. Promet - Traffic - Traffico, 2014, 26, 475-486.	0.7	31
42	A novel chaos danger model immune algorithm. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 3046-3060.	3.3	6
43	Improved Danger Model Immune Algorithm. Procedia Engineering, 2012, 29, 2754-2758.	1.2	0
44	Structural design of the danger model immune algorithm. Information Sciences, 2012, 205, 20-37.	6.9	6
45	Fault diagnosis based on Danger Model Immune wavelet neural network. , 2010, , .		0
46	Man-Machine Interactive Ship Maneuver System. , 2009, , .		1
47	Ship Manipulation Evaluation System. , 2009, , .		2
48	A fast and parsimonious fuzzy neural network (FPFNN) for function approximation. , 2009, , .		2
49	Adaptive danger area based Danger Model Immune Algorithm. , 2009, , .		2
50	Research on Danger Model Theory Based Artificial Immune Algorithm. , 2009, , .		1
51	A Unified Analytical Framework for Ship Domains. Journal of Navigation, 2009, 62, 643-655.	1.7	97
52	An Online Self-constructing Fuzzy Neural Network with Restrictive Growth. Lecture Notes in Computer Science, 2009, , 99-108.	1.3	1
53	Fuzzy control system design and stability analysis for ship lift feedback fin stabilizer. , 2008, , .		2
54	BP Network Optimized with Genetic Algorithm and Apply on The Fault Diagnose of Complex Equipment. , 2007, , .		4