Qingyang Xu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9034135/publications.pdf

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54	599	840776 11	713466 21
papers	citations	h-index	g-index

54	54	54	415
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Unified Analytical Framework for Ship Domains. Journal of Navigation, 2009, 62, 643-655.	1.7	97
2	Autonomous Pilot of Unmanned Surface Vehicles: Bridging Path Planning and Tracking. IEEE Transactions on Vehicular Technology, 2022, 71, 2358-2374.	6.3	64
3	A survey on deep neural network-based image captioning. Visual Computer, 2019, 35, 445-470.	3.5	57
4	Collision avoidance strategy optimization based on danger immune algorithm. Computers and Industrial Engineering, 2014, 76, 268-279.	6.3	32
5	A Survey on Ship Collision Risk Evaluation. Promet - Traffic - Traffico, 2014, 26, 475-486.	0.7	31
6	Deep Convolutional Neural Network-Based Autonomous Marine Vehicle Maneuver. International Journal of Fuzzy Systems, 2018, 20, 687-699.	4.0	25
7	A survey on generative adversarial network-based text-to-image synthesis. Neurocomputing, 2021, 451, 316-336.	5.9	25
8	Multiobjective Optimization of PID Controller of PMSM. Journal of Control Science and Engineering, 2014, 2014, 1-9.	1.0	20
9	Scene image and human skeleton-based dual-stream human action recognition. Pattern Recognition Letters, 2021, 148, 136-145.	4.2	19
10	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
11	Denoising Convolutional Neural Network. , 2015, , .		14
12	The difference learning of hidden layer between autoencoder and variational autoencoder. , 2017, , .		14
13	Two-Wheeled Robot Platform Based on PID Control. , 2018, , .		14
14	A Deep Fully Convolution Neural Network for Semantic Segmentation Based on Adaptive Feature Fusion. , 2018, , .		13
15	I3D-Shufflenet Based Human Action Recognition. Algorithms, 2020, 13, 301.	2.1	12
16	Multiobjective Optimization Based Vessel Collision Avoidance Strategy Optimization. Mathematical Problems in Engineering, 2014, 2014, 1-9.	1.1	11
17	The Learning Effect of Different Hidden Layers Stacked Autoencoder. , 2016, , .		11
18	Action Recognition Based on Spatial Temporal Graph Convolutional Networks. , 2019, , .		11

#	Article	IF	Citations
19	The effect of different hidden unit number of sparse autoencoder. , 2015, , .		10
20	Underwater Fish Body Length Estimation Based on Binocular Image Processing. Information (Switzerland), 2020, 11, 476.	2.9	9
21	A Collaborative Control Method of Dual-Arm Robots Based on Deep Reinforcement Learning. Applied Sciences (Switzerland), 2021, 11, 1816.	2.5	9
22	Balance Control of a Quadruped Robot Based on Foot Fall Adjustment. Applied Sciences (Switzerland), 2022, 12, 2521.	2.5	9
23	Deep convolutional neural network based unmanned surface vehicle maneuvering. , 2017, , .		7
24	Structural design of the danger model immune algorithm. Information Sciences, 2012, 205, 20-37.	6.9	6
25	A novel chaos danger model immune algorithm. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 3046-3060.	3.3	6
26	Deep Learning Technique Based Surveillance Video Analysis for the Store. Applied Artificial Intelligence, 2020, 34, 1055-1073.	3.2	6
27	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
28	Self-supervised learning of LiDAR odometry based on spherical projection. International Journal of Advanced Robotic Systems, 2022, 19, 172988062210786.	2.1	5
29	BP Network Optimized with Genetic Algorithm and Apply on The Fault Diagnose of Complex Equipment. , 2007, , .		4
30	An Improved GMM based Video Foreground Separation. , 2019, , .		4
31	A Fast Elitism Gaussian Estimation of Distribution Algorithm and Application for PID Optimization. Scientific World Journal, The, 2014, 2014, 1-14.	2.1	3
32	Modelling of Lime Kiln Using Subspace Method with New Order Selection Criterion. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	3
33	USV course controller optimization based on elitism estimation of distribution algorithm. , 2014, , .		3
34	Vision-based Mobile Robot's Environment Outdoor Perception. , 2019, , .		3
35	Fuzzy control system design and stability analysis for ship lift feedback fin stabilizer. , 2008, , .		2
36	Ship Manipulation Evaluation System. , 2009, , .		2

#	Article	IF	Citations
37	A fast and parsimonious fuzzy neural network (FPFNN) for function approximation. , 2009, , .		2
38	Adaptive danger area based Danger Model Immune Algorithm. , 2009, , .		2
39	Fault Diagnosis Based on A Stacked Sparse Auto-Encoder Network and KNN Classifier. , 2019, , .		2
40	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
41	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
42	Man-Machine Interactive Ship Maneuver System. , 2009, , .		1
43	Research on Danger Model Theory Based Artificial Immune Algorithm. , 2009, , .		1
44	Multi-objective based course-keeping controller optimization of Unmanned Surface Vehicle. , 2014, , .		1
45	Chaos elitism estimation of distribution algorithm. , 2014, , .		1
46	Monocular Image Depth Estimation Using a Conditional Generative Adversarial Net. , 2018, , .		1
47	An Online Self-constructing Fuzzy Neural Network with Restrictive Growth. Lecture Notes in Computer Science, 2009, , 99-108.	1.3	1
48	Scene images and text informationâ€based object location of robot grasping. IET Cyber-Systems and Robotics, 2022, 4, 116-130.	1.8	1
49	Fault diagnosis based on Danger Model Immune wavelet neural network. , 2010, , .		0
50	Improved Danger Model Immune Algorithm. Procedia Engineering, 2012, 29, 2754-2758.	1.2	0
51	Convolutional Neural Network with Corrupted Input. , 2015, , .		0
52	Different Feature Combination Rules in CNNs for Face Detection. Lecture Notes in Electrical Engineering, 2016, , 105-110.	0.4	0
53	EDA based Deep Neural Network Parameter Optimization. , 2019, , .		0
54	Ameliorated Particle Swarm Optimization Algorithm and Its Application in Robot Path Planning. , 2020, , .		0