

Guanci Yang

List of Publications by Year in descending order

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papers

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840776
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all docs

30
docs citations

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times ranked

651
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer Learning with Deep Recurrent Neural Networks for Remaining Useful Life Estimation. Applied Sciences (Switzerland), 2018, 8, 2416.	2.5	113
2	Rapid Relocation Method for Mobile Robot Based on Improved ORB-SLAM2 Algorithm. Remote Sensing, 2019, 11, 149.	4.0	97
3	FPGAN: Face de-identification method with generative adversarial networks for social robots. Neural Networks, 2021, 133, 132-147.	5.9	93
4	Real-Time Tiny Part Defect Detection System in Manufacturing Using Deep Learning. IEEE Access, 2019, 7, 89278-89291.	4.2	87
5	Modified Convolutional Neural Network Based on Dropout and the Stochastic Gradient Descent Optimizer. Algorithms, 2018, 11, 28.	2.1	85
6	Patent Keyword Extraction Algorithm Based on Distributed Representation for Patent Classification. Entropy, 2018, 20, 104.	2.2	70
7	Dietary Composition Perception Algorithm Using Social Robot Audition for Mandarin Chinese. IEEE Access, 2020, 8, 8768-8782.	4.2	57
8	Convolutional Neural Network-Based Embarrassing Situation Detection under Camera for Social Robot in Smart Homes. Sensors, 2018, 18, 1530.	3.8	35
9	A Hierarchical Feature Extraction Model for Multi-Label Mechanical Patent Classification. Sustainability, 2018, 10, 219.	3.2	28
10	Detection of privacy-sensitive situations for social robots in smart homes. , 2016, , .		25
11	Multi-objective evolutionary algorithm based on decision space partition and its application in hybrid power system optimisation. Applied Intelligence, 2017, 46, 827-844.	5.3	12
12	Chaos analysis and stability control of the MEMS resonator via the type-2 sequential FNN. Microsystem Technologies, 2021, 27, 173-182.	2.0	12
13	Circle-U-Net: An Efficient Architecture for Semantic Segmentation. Algorithms, 2021, 14, 159.	2.1	11
14	Dynamic analysis, circuit realization and accelerated adaptive backstepping control of the FO MEMS gyroscope. Chaos, Solitons and Fractals, 2022, 155, 111735.	5.1	10
15	Reputation-based multi-dimensional trust model in cloud manufacturing service platform. Multiagent and Grid Systems, 2015, 10, 233-246.	0.9	9
16	Game Theory-Inspired Evolutionary Algorithm for Global Optimization. Algorithms, 2017, 10, 111.	2.1	9
17	Dynamical analysis and anti-oscillation-based adaptive control of the FO arch MEMS with optimality. Nonlinear Dynamics, 2020, 101, 293-309.	5.2	8
18	Dietary Nutritional Information Autonomous Perception Method Based on Machine Vision in Smart Homes. Entropy, 2022, 24, 868.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Distributed and parallel construction method for equi-width histogram in cloud database. Multiagent and Grid Systems, 2017, 13, 311-329.	0.9	3
20	Comparison and Analysis of Feature Method and Direct Method in Visual SLAM Technology for Social Robots. , 2018, , .		3
21	Home Assistant-Based Collaborative Framework of Multi-Sensor Fusion for Social Robot. , 2018, , .		3
22	Automatic Design Method of Dynamic Systems Based on Hungarian Algorithm and Genetic Programming. , 2008, , .		2
23	Data Sensing and Processing Tensioning System Based on the Internet of Things. Applied Sciences (Switzerland), 2019, 9, 310.	2.5	1
24	Multi-objective Pareto genetic algorithms using fast elite updating. , 2009, , .		0
25	Multi-Objective Evolutionary Algorithm Based on Improved Clonal Selection. Communications in Computer and Information Science, 2011, , 218-223.	0.5	0
26	Game-theoretic Evolutionary Algorithm Based on Behavioral Expectation and its Performance Analysis. Applied Artificial Intelligence, 2017, 31, 493-517.	3.2	0
27	Multi-robot Cooperation Strategy Based on Wireless Sensor Network. International Journal of Online Engineering, 2018, 14, 77.	0.5	0
28	Dynamic Gesture Recognition Algorithm based on ROI and CNN for Social Robots. , 2018, , .		0
29	Handling data skew in joins based on cluster cost partitioning for MapReduce. Multiagent and Grid Systems, 2018, 14, 103-123.	0.9	0
30	A Data Synchronization Model and Approach Based on Petri Net for Soft PLC Systems. International Journal of Control and Automation, 2017, 10, 61-72.	0.3	0