

# Guanci Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1802301/publications.pdf>

Version: 2024-02-01

30  
papers

781  
citations

840776

11  
h-index

794594

19  
g-index

30  
all docs

30  
docs citations

30  
times ranked

651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic analysis, circuit realization and accelerated adaptive backstepping control of the FO MEMS gyroscope. Chaos, Solitons and Fractals, 2022, 155, 111735.	5.1	10
2	Dietary Nutritional Information Autonomous Perception Method Based on Machine Vision in Smart Homes. Entropy, 2022, 24, 868.	2.2	8
3	Chaos analysis and stability control of the MEMS resonator via the type-2 sequential FNN. Microsystem Technologies, 2021, 27, 173-182.	2.0	12
4	FPGAN: Face de-identification method with generative adversarial networks for social robots. Neural Networks, 2021, 133, 132-147.	5.9	93
5	Circle-U-Net: An Efficient Architecture for Semantic Segmentation. Algorithms, 2021, 14, 159.	2.1	11
6	Dynamical analysis and anti-oscillation-based adaptive control of the FO arch MEMS with optimality. Nonlinear Dynamics, 2020, 101, 293-309.	5.2	8
7	Dietary Composition Perception Algorithm Using Social Robot Audition for Mandarin Chinese. IEEE Access, 2020, 8, 8768-8782.	4.2	57
8	Real-Time Tiny Part Defect Detection System in Manufacturing Using Deep Learning. IEEE Access, 2019, 7, 89278-89291.	4.2	87
9	Rapid Relocation Method for Mobile Robot Based on Improved ORB-SLAM2 Algorithm. Remote Sensing, 2019, 11, 149.	4.0	97
10	Data Sensing and Processing Tensioning System Based on the Internet of Things. Applied Sciences (Switzerland), 2019, 9, 310.	2.5	1
11	Multi-robot Cooperation Strategy Based on Wireless Sensor Network. International Journal of Online Engineering, 2018, 14, 77.	0.5	0
12	Comparison and Analysis of Feature Method and Direct Method in Visual SLAM Technology for Social Robots. , 2018, , .		3
13	Home Assistant-Based Collaborative Framework of Multi-Sensor Fusion for Social Robot. , 2018, , .		3
14	Dynamic Gesture Recognition Algorithm based on ROI and CNN for Social Robots. , 2018, , .		0
15	Transfer Learning with Deep Recurrent Neural Networks for Remaining Useful Life Estimation. Applied Sciences (Switzerland), 2018, 8, 2416.	2.5	113
16	Handling data skew in joins based on cluster cost partitioning for MapReduce. Multiagent and Grid Systems, 2018, 14, 103-123.	0.9	0
17	Convolutional Neural Network-Based Embarrassing Situation Detection under Camera for Social Robot in Smart Homes. Sensors, 2018, 18, 1530.	3.8	35
18	Modified Convolutional Neural Network Based on Dropout and the Stochastic Gradient Descent Optimizer. Algorithms, 2018, 11, 28.	2.1	85

#	ARTICLE	IF	CITATIONS
19	Patent Keyword Extraction Algorithm Based on Distributed Representation for Patent Classification. <i>Entropy</i> , 2018, 20, 104.	2.2	70
20	A Hierarchical Feature Extraction Model for Multi-Label Mechanical Patent Classification. <i>Sustainability</i> , 2018, 10, 219.	3.2	28
21	Multi-objective evolutionary algorithm based on decision space partition and its application in hybrid power system optimisation. <i>Applied Intelligence</i> , 2017, 46, 827-844.	5.3	12
22	Distributed and parallel construction method for equi-width histogram in cloud database. <i>Multiagent and Grid Systems</i> , 2017, 13, 311-329.	0.9	3
23	Game-theoretic Evolutionary Algorithm Based on Behavioral Expectation and its Performance Analysis. <i>Applied Artificial Intelligence</i> , 2017, 31, 493-517.	3.2	0
24	Game Theory-Inspired Evolutionary Algorithm for Global Optimization. <i>Algorithms</i> , 2017, 10, 111.	2.1	9
25	A Data Synchronization Model and Approach Based on Petri Net for Soft PLC Systems. <i>International Journal of Control and Automation</i> , 2017, 10, 61-72.	0.3	0
26	Detection of privacy-sensitive situations for social robots in smart homes. , 2016, , .		25
27	Reputation-based multi-dimensional trust model in cloud manufacturing service platform. <i>Multiagent and Grid Systems</i> , 2015, 10, 233-246.	0.9	9
28	Multi-Objective Evolutionary Algorithm Based on Improved Clonal Selection. <i>Communications in Computer and Information Science</i> , 2011, , 218-223.	0.5	0
29	Multi-objective Pareto genetic algorithms using fast elite updating. , 2009, , .		0
30	Automatic Design Method of Dynamic Systems Based on Hungarian Algorithm and Genetic Programming. , 2008, , .		2