

# Qi Wu

## List of Publications by Year in descending order

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55  
papers

1,128  
citations

448610

19  
h-index

488211

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56  
docs citations

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times ranked

1109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semi-Supervised 3D Medical Image Segmentation Based on Dual-Task Consistent Joint Learning and Task-Level Regularization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2023, 20, 2457-2467.	1.9	6
2	Multistage Pixel-Visibility Learning With Cost Regularization for Multiview Stereo. IEEE Transactions on Automation Science and Engineering, 2023, 20, 751-762.	3.4	2
3	Detecting Alzheimer's Dementia Degree. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 116-125.	2.6	3
4	Nonparametric Hierarchical Hidden Semi-Markov Model for Brain Fatigue Behavior Detection of Pilots During Flight. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5245-5256.	4.7	20
5	Detecting Dynamic Behavior of Brain Fatigue Through 3-D-CNN-LSTM. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 90-100.	5.9	29
6	Monitoring Scheduling of Drones for Emission Control Areas: An Ant Colony-Based Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11699-11709.	4.7	8
7	Self-Paced Dynamic Infinite Mixture Model for Fatigue Evaluation of Pilots' Brains. IEEE Transactions on Cybernetics, 2022, 52, 5623-5638.	6.2	44
8	Inferring Flight Performance Under Different Maneuvers With Pilot's Multi-Physiological Parameters. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11338-11348.	4.7	4
9	ROpenPose: A Rapider OpenPose Model for Astronaut Operation Attitude Detection. IEEE Transactions on Industrial Electronics, 2022, 69, 1043-1052.	5.2	16
10	Scalable Gamma-Driven Multilayer Network for Brain Workload Detection Through Functional Near-Infrared Spectroscopy. IEEE Transactions on Cybernetics, 2022, 52, 12464-12478.	6.2	7
11	CRISPR-Cas9 Mediated Mutation in OsPUB43 Improves Grain Length and Weight in Rice by Promoting Cell Proliferation in Spikelet Hull. International Journal of Molecular Sciences, 2022, 23, 2347.	1.8	6
12	OsNAC016 regulates plant architecture and drought tolerance by interacting with the kinases GSK2 and SAPK8. Plant Physiology, 2022, 189, 1296-1313.	2.3	27
13	RDC-SAL: Refine distance compensating with quantum scale-aware learning for crowd counting and localization. Applied Intelligence, 2022, 52, 14336-14348.	3.3	12
14	Spherical-Orthogonal-Symmetric Haar Wavelet for Driver's Visual Detection. IEEE Transactions on Intelligent Vehicles, 2022, , 1-11.	9.4	0
15	Detecting Fatigue Status of Pilots Based on Deep Learning Network Using EEG Signals. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 575-585.	2.6	51
16	Nonparametric Bayesian Prior Inducing Deep Network for Automatic Detection of Cognitive Status. IEEE Transactions on Cybernetics, 2021, 51, 5483-5496.	6.2	45
17	A Multilayer Neural Network Merging Image Preprocessing and Pattern Recognition by Integrating Diffusion and Drift Memristors. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 645-656.	2.6	26
18	Rotated Sphere Haar Wavelet and Deep Contractive Auto-Encoder Network With Fuzzy Gaussian SVM for Pilot's Pupil Center Detection. IEEE Transactions on Cybernetics, 2021, 51, 332-345.	6.2	27

#	ARTICLE	IF	CITATIONS
19	Non-spike timing-dependent plasticity learning mechanism for memristive neural networks. <i>Applied Intelligence</i> , 2021, 51, 3684-3695.	3.3	6
20	AVMSN: An Audio-Visual Two Stream Crowd Counting Framework Under Low-Quality Conditions. <i>IEEE Access</i> , 2021, 9, 80500-80510.	2.6	14
21	Flight Situation Recognition Under Different Weather Conditions. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021, 57, 1753-1767.	2.6	6
22	Effects of LED illumination spectra on glucosinolate and sulforaphane accumulation in broccoli seedlings. <i>Food Chemistry</i> , 2021, 356, 129550.	4.2	27
23	Peptide enzyme-linked immunosorbent assay (pELISA) as a possible alternative to the neutralization test for evaluating the immune response to IBV vaccine. <i>BMC Veterinary Research</i> , 2021, 17, 51.	0.7	2
24	Dynamic response of pile groups subjected to horizontal loads. <i>Canadian Geotechnical Journal</i> , 2020, 57, 469-481.	1.4	64
25	Using structural equation modeling to analyze patient value, satisfaction, and loyalty: a case study of healthcare in China. <i>International Journal of Production Research</i> , 2020, 58, 577-596.	4.9	19
26	Novel Nonlinear Approach for Real-Time Fatigue EEG Data: An Infinitely Warped Model of Weighted Permutation Entropy. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 2437-2448.	4.7	14
27	Effect of selenium-sulfur interaction on the anabolism of sulforaphane in broccoli. <i>Phytochemistry</i> , 2020, 179, 112499.	1.4	14
28	PCYT1A suppresses proliferation and migration via inhibiting mTORC1 pathway in lung adenocarcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 353-361.	1.0	5
29	The WUSCHEL-related homeobox transcription factor OsWOX4 controls the primary root elongation by activating OsAUX1 in rice. <i>Plant Science</i> , 2020, 298, 110575.	1.7	17
30	OsFPFL4 is Involved in the Root and Flower Development by Affecting Auxin Levels and ROS Accumulation in Rice ( <i>Oryza sativa</i> ). <i>Rice</i> , 2020, 13, 2.	1.7	22
31	A Peptide-Based Enzyme-Linked Immunosorbent Assay for Detecting Antibodies Against Avian Infectious Bronchitis Virus. <i>Frontiers in Veterinary Science</i> , 2020, 7, 619601.	0.9	1
32	Evaluation method of medical service system based on DEMATEL and the information entropy: A case study of hypertension diagnosis and treatment in China. <i>PLoS ONE</i> , 2020, 15, e0243832.	1.1	4
33	Robust consensus of multi-satellite systems based on the characteristic model method. , 2020, , .		0
34	Peptides with 16R in S2 protein showed broad reactions with sera against different types of infectious bronchitis viruses. <i>Veterinary Microbiology</i> , 2019, 236, 108391.	0.8	8
35	Rice transcription factor OsMADS57 regulates plant height by modulating gibberellin catabolism. <i>Rice</i> , 2019, 12, 38.	1.7	40
36	Pilots'™ Fatigue Status Recognition Using Deep Contractive Autoencoder Network. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 3907-3919.	2.4	45

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37	Multi-Features Fusion for Fault Diagnosis of Pedal Robot Using Time-Speed Signals. <i>Sensors</i> , 2019, 19, 163.	2.1	13
38	A Self-Adaptive 1D Convolutional Neural Network for Flight-State Identification. <i>Sensors</i> , 2019, 19, 275.	2.1	30
39	Rice transcription factor OsMADS25 modulates root growth and confers salinity tolerance via the ABA-mediated regulatory pathway and ROS scavenging. <i>PLoS Genetics</i> , 2018, 14, e1007662.	1.5	146
40	OsMADS27 regulates the root development in a NO <sub>3</sub> <sup>-</sup> Dependent manner and modulates the salt tolerance in rice ( <i>Oryza sativa</i> L.). <i>Plant Science</i> , 2018, 277, 20-32.	1.7	35
41	Flight State Identification of a Self-Sensing Wing via an Improved Feature Selection Method and Machine Learning Approaches. <i>Sensors</i> , 2018, 18, 1379.	2.1	11
42	Factors that influence users' adoption intention of mobile health: a structural equation modeling approach. <i>International Journal of Production Research</i> , 2017, 55, 5801-5815.	4.9	41
43	Dual tumor-targeted poly(lactic-co-glycolic acid)-polyethylene glycol-folic acid nanoparticles: a novel biodegradable nanocarrier for secure and efficient antitumor drug delivery. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5745-5760.	3.3	26
44	A hybrid evaluation model for flight performance based on bacterial foraging and Elman network. <i>Aerospace Science and Technology</i> , 2016, 55, 392-399.	2.5	11
45	Cognitive state recognition using wavelet singular entropy and ARMA entropy with AFPA optimized GP classification. <i>Neurocomputing</i> , 2016, 197, 29-44.	3.5	8
46	Hybrid local diffusion maps and improved cuckoo search algorithm for multiclass dataset analysis. <i>Neurocomputing</i> , 2016, 189, 106-116.	3.5	19
47	Hybrid dual-tree complex wavelet transform and support vector machine for digital multi-focus image fusion. <i>Neurocomputing</i> , 2016, 182, 1-9.	3.5	74
48	Spectral analysis of surface EMG based on empirical mode decomposition. <i>Optik</i> , 2014, 125, 7045-7052.	1.4	5
49	A SHORT-TERM FORECASTING MODEL WITH INHIBITING NORMAL DISTRIBUTION NOISE OF SALE SERIES. <i>Applied Artificial Intelligence</i> , 2013, 27, 496-519.	2.0	6
50	Development of an atmospheric-pressure homogeneous and cold Ar/O <sub>2</sub> plasma source operating in glow discharge. <i>Physics of Plasmas</i> , 2010, 17, .	0.7	18
51	Research on wear detection of wheel in precision NC curve point grinding. <i>International Journal of Advanced Manufacturing Technology</i> , 2008, 35, 994-999.	1.5	12
52	A new digital measurement method for accurate curve grinding process. <i>International Journal of Advanced Manufacturing Technology</i> , 2008, 36, 305-314.	1.5	5
53	A Forecasting Model Based Support Vector Machine and Particle Swarm Optimization. , 2008, , .		21
54	A Hybrid Forecasting Model Based on Chaotic Mapping and Improved v-Support Vector Machine. , 2008, , .		6

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55	A Study of Deadlock Avoidance Strategy in Knowledgeable Manufacturing Systems. , 2008, , .		0