

# Zhiquan Feng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6082514/publications.pdf>

Version: 2024-02-01

33  
papers

116  
citations

1684188  
5  
h-index

1474206  
9  
g-index

33  
all docs

33  
docs citations

33  
times ranked

65  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time oriented behavior-driven 3D freehand tracking for direct interaction. Pattern Recognition, 2013, 46, 590-608.	8.1	23
2	3D-freehand-pose initialization based on operator's cognitive behavioral models. Visual Computer, 2010, 26, 607-617.	3.5	18
3	A genetic algorithm approach to human motion capture data segmentation. Computer Animation and Virtual Worlds, 2014, 25, 281-290.	1.2	9
4	Many-to-One Gesture-to-Command Flexible Mapping Approach for Smart Teaching Interface Interaction. IEEE Access, 2019, 7, 179517-179531.	4.2	7
5	Research on Intelligent Experimental Equipment and Key Algorithms Based on Multimodal Fusion Perception. IEEE Access, 2020, 8, 142507-142520.	4.2	7
6	Research on Multimodal Perceptual Navigational Virtual and Real Fusion Intelligent Experiment Equipment and Algorithm. IEEE Access, 2020, 8, 43375-43390.	4.2	7
7	FM: Flexible mapping from one gesture to multiple semantics. Information Sciences, 2018, 467, 654-669.	6.9	5
8	Robust non-rigid point set registration method based on asymmetric Gaussian and structural feature. IET Computer Vision, 2018, 12, 806-816.	2.0	5
9	A Structure Design of Virtual and Real Fusion Intelligent Equipment and Multimodal Navigational Interaction Algorithm. IEEE Access, 2020, 8, 125982-125997.	4.2	5
10	Calibration-Free Gaze Zone Estimation Using Convolutional Neural Network. , 2018, , .		4
11	Human motion capture data segmentation based on graph partition. , 2013, , .		3
12	Haze weather recognition based on multiple features and Random Forest. , 2018, , .		3
13	Research on AGV Navigation System Based on Binocular Vision. , 2021, , .		3
14	MLFFNet: multilevel feature fusion network for monocular depth estimation from aerial images. Journal of Applied Remote Sensing, 2022, 16, .	1.3	3
15	MFA: A Smart Glove with Multimodal Intent Sensing Capability. Computational Intelligence and Neuroscience, 2022, 2022, 1-15.	1.7	3
16	A Structural Design and Interaction Algorithm of Smart Microscope Embedded on Virtual and Real Fusion Technologies. IEEE Access, 2019, 7, 152088-152102.	4.2	2
17	Navigation Fusion Algorithm Based on Improved A* Algorithm and Dynamic Window Approach. , 2021, , .		2
18	Mutual information based video shot boundary detection. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
19	Towards A Task Taxonomy of Visual Analysis of Electronic Health or Medical Record Data. , 2018, , .		1
20	Research on Intention Flexible Mapping Algorithm for Elderly Escort Robot. Scientific Programming, 2021, 2021, 1-14.	0.7	1
21	An Intelligent Error Correction Algorithm for Elderly Care Robots. Applied Sciences (Switzerland), 2021, 11, 7316.	2.5	1
22	A Smart Glove of Combining Virtual and Real Environments for Chemical Experiment. , 2020, , .		1
23	An Intention Understanding Algorithm Based on Multimodal Information Fusion. Scientific Programming, 2021, 2021, 1-11.	0.7	1
24	Research on differential Positioning technology of mobile Robot based on UWB. , 2021, , .		1
25	Freehand Tracking Based on Behavioral Model Analysis. , 2011, , .		0
26	Research on Flexible Mapping Among Multiple Gestures and One Semantic in Intelligent Teaching Interface. , 2017, , .		0
27	Depth based Hand Gesture Recognition for Smart Teaching. , 2018, , .		0
28	Optimization of Deep Neural Network based Hand Gesture Classification Model for Large-Scale Dataset. , 2019, , .		0
29	A Design of Smart Beaker Structure and Interaction Paradigm Based on Multimodal Fusion Understanding. IEEE Access, 2020, 8, 173766-173778.	4.2	0
30	Research on SLAM of Corridor Environment Based on Multi-Sensor. , 2021, , .		0
31	Decision Making of Mobile Robot based on Multimodal Fusion. , 2020, , .		0
32	Three-dimensional Position Information Tracking Algorithm for Virtual Teaching Experiments. , 2020, , .		0
33	Research on Lane Location and Navigation Technology Based on Binocular Camera. , 2021, , .		0