Fei Wang

List of Publications by Year
in descending order

26 papers	265 citations	1040056 9 h-index	996975 15 g-index
26 all docs	26 docs citations	26 times ranked	215 citing authors

#	Article	IF	Citations
1	(2+1)D-SLR: an efficient network for video sign language recognition. Neural Computing and Applications, 2022, 34, 2413-2423.	5.6	8
2	A Hierarchical Path Planning Approach with Multi-SARSA Based on Topological Map. Sensors, 2022, 22, 2367.	3.8	10
3	Continuous motion estimation of lower limbs based on deep belief networks and random forest. Review of Scientific Instruments, 2022, 93, 044106.	1.3	5
4	Tracking moving target for 6 degree-of-freedom robot manipulator with adaptive visual servoing based on deep reinforcement learning PID controller. Review of Scientific Instruments, 2022, 93, 045108.	1.3	3
5	Deep Neural Network for Point Sets Based on Local Feature Integration. Sensors, 2022, 22, 3209.	3.8	2
6	An approach based on 1D fully convolutional network for continuous sign language recognition and labeling. Neural Computing and Applications, 2022, 34, 17921-17935.	5.6	2
7	PatchCNN: An Explicit Convolution Operator for Point Clouds Perception. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 726-730.	3.1	3
8	Cornerstone network with feature extractor: a metric-based few-shot model for chinese natural sign language. Applied Intelligence, 2021, 51, 7139-7150.	5.3	9
9	Outline viewpoint feature histogram: An improved point cloud descriptor for recognition and grasping of workpieces. Review of Scientific Instruments, 2021, 92, 025010.	1.3	5
10	Robot grasping method optimization using improved deep deterministic policy gradient algorithm of deep reinforcement learning. Review of Scientific Instruments, 2021, 92, 025114.	1.3	10
11	Keypoint-Based Robotic Grasp Detection Scheme in Multi-Object Scenes. Sensors, 2021, 21, 2132.	3.8	15
12	A two-stage temporal proposal network for precise action localization in untrimmed video. International Journal of Machine Learning and Cybernetics, 2021, 12, 2199-2211.	3.6	2
13	EEG Driving Fatigue Detection With PDC-Based Brain Functional Network. IEEE Sensors Journal, 2021, 21, 10811-10823.	4.7	26
14	LHFF-Net: Local heterogeneous feature fusion network for 6DoF pose estimation. International Journal of Machine Learning and Cybernetics, 2021, 12, 2795-2807.	3.6	1
15	Classification of motor imagery using multisource jointÂtransfer learning. Review of Scientific Instruments, 2021, 92, 094106.	1.3	3
16	Partial directed coherence based graph convolutional neural networks for driving fatigue detection. Review of Scientific Instruments, 2020, 91, 074713.	1.3	21
17	Multiple nonlinear features fusion based driving fatigue detection. Biomedical Signal Processing and Control, 2020, 62, 102075.	5.7	20
18	Joining Force of Human Muscular Task Planning With Robot Robust and Delicate Manipulation for Programming by Demonstration. IEEE/ASME Transactions on Mechatronics, 2020, 25, 2574-2584.	5.8	12

#	Article	IF	Citations
19	Motor imagery classification using geodesic filtering common spatial pattern and filter-bank feature weighted support vector machine. Review of Scientific Instruments, 2020, 91, 034106.	1.3	8
20	Cross-Subject EEG-Based Emotion Recognition with Deep Domain Confusion. Lecture Notes in Computer Science, 2019, , 558-570.	1.3	24
21	An Recognitionâ€“Verification Mechanism for Real-Time Chinese Sign Language Recognition Based on Multi-Information Fusion. Sensors, 2019, 19, 2495.	3.8	15
22	An Improved Point Cloud Descriptor for Vision Based Robotic Grasping System. Sensors, 2019, 19, 2225.	3.8	17
23	Topological Map Construction Based on Region Dynamic Growing and Map Representation Method. Applied Sciences (Switzerland), 2019, 9, 816.	2.5	4
24	Research on the shared control technology for robotic wheelchairs based on topological map. Industrial Robot, 2019, 47, 825-835.	2.1	3
25	SAST: Learning Semantic Action-Aware Spatial-Temporal Features for Efficient Action Recognition. IEEE Access, 2019, 7, 164876-164886.	4.2	7
26	Point-wise saliency detection on 3D point clouds via covariance descriptors. Visual Computer, 2018, 34, 1325-1338.	3.5	30