

Fei Wang

List of Publications by Year in descending order

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26
papers

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1040056

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26
all docs

26
docs citations

26
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Point-wise saliency detection on 3D point clouds via covariance descriptors. Visual Computer, 2018, 34, 1325-1338.	3.5	30
2	EEG Driving Fatigue Detection With PDC-Based Brain Functional Network. IEEE Sensors Journal, 2021, 21, 10811-10823.	4.7	26
3	Cross-Subject EEG-Based Emotion Recognition with Deep Domain Confusion. Lecture Notes in Computer Science, 2019, , 558-570.	1.3	24
4	Partial directed coherence based graph convolutional neural networks for driving fatigue detection. Review of Scientific Instruments, 2020, 91, 074713.	1.3	21
5	Multiple nonlinear features fusion based driving fatigue detection. Biomedical Signal Processing and Control, 2020, 62, 102075.	5.7	20
6	An Improved Point Cloud Descriptor for Vision Based Robotic Grasping System. Sensors, 2019, 19, 2225.	3.8	17
7	An Recognition-Verification Mechanism for Real-Time Chinese Sign Language Recognition Based on Multi-Information Fusion. Sensors, 2019, 19, 2495.	3.8	15
8	Keypoint-Based Robotic Grasp Detection Scheme in Multi-Object Scenes. Sensors, 2021, 21, 2132.	3.8	15
9	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
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	A Hierarchical Path Planning Approach with Multi-SARSA Based on Topological Map. Sensors, 2022, 22, 2367.	3.8	10
12	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
13	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
14	(2+1)D-SLR: an efficient network for video sign language recognition. Neural Computing and Applications, 2022, 34, 2413-2423.	5.6	8
15	SAST: Learning Semantic Action-Aware Spatial-Temporal Features for Efficient Action Recognition. IEEE Access, 2019, 7, 164876-164886.	4.2	7
16	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
17	Continuous motion estimation of lower limbs based on deep belief networks and random forest. Review of Scientific Instruments, 2022, 93, 044106.	1.3	5
18	Topological Map Construction Based on Region Dynamic Growing and Map Representation Method. Applied Sciences (Switzerland), 2019, 9, 816.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Research on the shared control technology for robotic wheelchairs based on topological map. <i>Industrial Robot</i> , 2019, 47, 825-835.	2.1	3
20	PatchCNN: An Explicit Convolution Operator for Point Clouds Perception. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021, 18, 726-730.	3.1	3
21	Classification of motor imagery using multisource joint transfer learning. <i>Review of Scientific Instruments</i> , 2021, 92, 094106.	1.3	3
22	Tracking moving target for 6 degree-of-freedom robot manipulator with adaptive visual servoing based on deep reinforcement learning PID controller. <i>Review of Scientific Instruments</i> , 2022, 93, 045108.	1.3	3
23	A two-stage temporal proposal network for precise action localization in untrimmed video. <i>International Journal of Machine Learning and Cybernetics</i> , 2021, 12, 2199-2211.	3.6	2
24	Deep Neural Network for Point Sets Based on Local Feature Integration. <i>Sensors</i> , 2022, 22, 3209.	3.8	2
25	An approach based on 1D fully convolutional network for continuous sign language recognition and labeling. <i>Neural Computing and Applications</i> , 2022, 34, 17921-17935.	5.6	2
26	LHFF-Net: Local heterogeneous feature fusion network for 6DoF pose estimation. <i>International Journal of Machine Learning and Cybernetics</i> , 2021, 12, 2795-2807.	3.6	1