

Ruifeng Li

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

312
citations

1040056

9
h-index

1058476

14
g-index

57
all docs

57
docs citations

57
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Triggered Fixed-Time Adaptive Trajectory Tracking for a Class of Uncertain Nonlinear Systems With Input Saturation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 983-987.	3.0	26
2	Visual Semantic Navigation Based on Deep Learning for Indoor Mobile Robots. Complexity, 2018, 2018, 1-12.	1.6	23
3	An Augmented Discrete-Time Approach for Human-Robot Collaboration. Discrete Dynamics in Nature and Society, 2016, 2016, 1-13.	0.9	22
4	SVM based simultaneous hand movements classification using sEMG signals. , 2017, , .		21
5	Convex polytopic modeling for flexible joints industrial robot using TP-model transformation. , 2014, , .		20
6	Multi-View Fusion-Based 3D Object Detection for Robot Indoor Scene Perception. Sensors, 2019, 19, 4092.	3.8	19
7	Multi-Channel Convolutional Neural Network Based 3D Object Detection for Indoor Robot Environmental Perception. Sensors, 2019, 19, 893.	3.8	19
8	Time-Energy Optimal Trajectory Planning for Variable Stiffness Actuated Robot. IEEE Access, 2019, 7, 14366-14377.	4.2	15
9	An intuitive human robot interface for tele-operation. , 2016, , .		13
10	Kinematics, dynamics, and control system of a new 5-degree-of-freedom hybrid robot manipulator. Advances in Mechanical Engineering, 2016, 8, 168781401668030.	1.6	13
11	A Deep Feature Aggregation Network for Accurate Indoor Camera Localization. IEEE Robotics and Automation Letters, 2022, 7, 3687-3694.	5.1	12
12	A fast incremental map segmentation algorithm based on spectral clustering and quadtree. Advances in Mechanical Engineering, 2018, 10, 168781401876129.	1.6	11
13	Fast feature matching based on k -nearest k -means searching. CAAI Transactions on Intelligence Technology, 2018, 3, 198-207.	8.1	8
14	Event-Triggered Adaptive Control for Prescribed Performance Tracking of Constrained Uncertain Nonlinear Systems. IEEE Access, 2019, 7, 23527-23536.	4.2	8
15	Observer-based event-triggered fixed-time control for nonlinear system with full-state constraints and input saturation. International Journal of Control, 2022, 95, 432-446.	1.9	8
16	Video Text Processing Method Based on Image Stitching. , 2019, , .		6
17	PANet: A Pixel-Level Attention Network for 6D Pose Estimation With Embedding Vector Features. IEEE Robotics and Automation Letters, 2022, 7, 1840-1847.	5.1	6
18	A Discrete-Time Algorithm for Stiffness Extraction from sEMG and Its Application in Antidisturbance Teleoperation. Discrete Dynamics in Nature and Society, 2016, 2016, 1-11.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Visual Robot Relocalization Based on Multi-Task CNN and Image-Similarity Strategy. <i>Sensors</i> , 2020, 20, 6943.	3.8	5
20	A New Edge Patch with Rotation Invariance for Object Detection and Pose Estimation. <i>Sensors</i> , 2020, 20, 887.	3.8	5
21	Power difference template for action recognition. <i>Machine Vision and Applications</i> , 2017, 28, 463-473.	2.7	4
22	Target Recognition and Localization of Mobile Robot with Monocular PTZ Camera. <i>Journal of Robotics</i> , 2019, 2019, 1-12.	0.9	4
23	The development of a general type of security robot. , 2007, , .		3
24	Real-time facial expressions recognition system for service robot based-on ASM and SVMs. , 2010, , .		3
25	Fisheye omnidirectional camera calibration — Pinhole or spherical model?. , 2014, , .		3
26	Energy flow: image correspondence approximation for motion analysis. <i>Optical Engineering</i> , 2016, 55, 043109.	1.0	3
27	Interface Design of a Human-Robot Interaction System for Dual-Manipulators Teleoperation Based on Virtual Reality. , 2018, , .		3
28	Embedded Motion Controller Design Based on RTEX Network. , 2013, , .		2
29	OLPP-based Gabor feature dimensionality reduction for facial expression recognition. , 2014, , .		2
30	Comparative study on the redundancy of mobile single- and dual-arm robots. <i>International Journal of Advanced Robotic Systems</i> , 2016, 13, 172988141666678.	2.1	2
31	Fast map segmentation method based on spectral partition for robot semantic navigation. , 2016, , .		2
32	Intuitive robot teaching by hand guided demonstration. , 2016, , .		2
33	A Method for Position Estimation of Mobile Robot Based on Data Fusion. , 2019, , .		2
34	Object-Aware Hybrid Map for Indoor Robot Visual Semantic Navigation. , 2019, , .		2
35	RIA-CSM: A Real-Time Impact-Aware Correlative Scan Matching Using Heterogeneous Multi-Core SoC. <i>IEEE Sensors Journal</i> , 2022, 22, 5787-5796.	4.7	2
36	Dual-arm service robots for mobile operation in indoor environment. , 2012, , .		1

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37	Automatic Facial Expression Recognition Using SVM Based on AAMs. , 2013, , .		1
38	Research on singular robustness algorithm of robot inverse kinematics based on dynamic damping coefficient. , 2017, , .		1
39	Research on service robots robust relocalization algorithm based on 2D/3D map of indoor environment. , 2017, , .		1
40	Variable Admittance Control Improving Stability in Physical Human-Robot Interaction. , 2018, , .		1
41	Feature-Based and Convolutional Neural Network Fusion Method for Visual Relocalization. , 2018, , .		1
42	Weight Lifting Trajectory Optimization for Variable Stiffness Actuated Robot. Complexity, 2019, 2019, 1-12.	1.6	1
43	Prescribed Performance Attitude Tracking Control for Spacecraft under Multi-Constraint. , 2020, , .		1
44	Multiple-Sensor Indoor Surveillance System Based on Hybrid Network. , 2010, , .		0
45	A mobile robot self-localization approach based on unidirectional vision. , 2012, , .		0
46	Sliding Mode Observer Design for Flexible Joint Manipulators. , 2013, , .		0
47	Mobile robot map building in eigenspace — A pea-based approach. , 2013, , .		0
48	Fast laser — based corridor detection for indoor mobile robots. , 2014, , .		0
49	Features representation by multiple local binary patterns for facial expression recognition. , 2014, , .		0
50	Comparative study of redundancy based on Resolved Motion Rate Control Algorithm. , 2014, , .		0
51	Polar Metric-Weighted Norm-Based Scan Matching for Robot Pose Estimation. Discrete Dynamics in Nature and Society, 2016, 2016, 1-20.	0.9	0
52	Non-cooperative target tracking methods research for close-range operation of intelligent space robots. , 2016, , .		0
53	A multi-feature localization algorithm for mobile robots indoor environment mapping. , 2016, , .		0
54	Indoor place recognition based on set operation of keypoints databases. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
55	Identification and Attitude Estimation of Intelligent Welding Special-shaped Tubes Based on Two-Channel Convolutional Neural Network. , 2020, , .		0
56	Design and calibration of a three-dimensional localization system for automatic measurement of long and thin tube based on camera and laser displacement sensor. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 1193-1210.	2.1	0
57	Neuro-adaptive tracking control for uncertain Euler-Lagrange systems with time-varying output constraints and obstacle avoidance. , 2020, , .		0