

# Yibin Li

## List of Publications by Citations

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161  
papers

1,274  
citations

15  
h-index

29  
g-index

261  
ext. papers

1,892  
ext. citations

3.4  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
161	Design and simulation for a hydraulic actuated quadruped robot. <i>Journal of Mechanical Science and Technology</i> , <b>2012</b> , 26, 1171-1177	1.6	79
160	Fault Detection for Linear Discrete Time-Varying Systems Subject to Random Sensor Delay: A Riccati Equation Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2018</b> , 65, 1707-1716	3.9	75
159	The Influence of the Activation Function in a Convolution Neural Network Model of Facial Expression Recognition. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 1897	2.6	71
158	Wearable biofuel cells based on the classification of enzyme for high power outputs and lifetimes. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 124-125, 40-52	11.8	70
157	A novel online motion planning method for double-pendulum overhead cranes. <i>Nonlinear Dynamics</i> , <b>2016</b> , 85, 1079-1090	5	61
156	Facial Expression Recognition with Fusion Features Extracted from Salient Facial Areas. <i>Sensors</i> , <b>2017</b> , 17,	3.8	49
155	Coarse-to-Fine UAV Target Tracking With Deep Reinforcement Learning. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2019</b> , 16, 1522-1530	4.9	49
154	Region-sequence based six-stream CNN features for general and fine-grained human action recognition in videos. <i>Pattern Recognition</i> , <b>2018</b> , 76, 506-521	7.7	48
153	The extreme learning machine learning algorithm with tunable activation function. <i>Neural Computing and Applications</i> , <b>2013</b> , 22, 531-539	4.8	33
152	Research of mammal bionic quadruped robots: A review <b>2011</b> ,		32
151	Merocyanine with Hole-Transporting Ability and Efficient Defect Passivation Effect for Perovskite Solar Cells. <i>ACS Energy Letters</i> , <b>2021</b> , 6, 869-876	20.1	28
150	A partially saturated adaptive learning controller for overhead cranes with payload hoisting/lowering and unknown parameters. <i>Nonlinear Dynamics</i> , <b>2017</b> , 89, 1779-1791	5	23
149	Torso motion control and toe trajectory generation of a trotting quadruped robot based on virtual model control. <i>Advanced Robotics</i> , <b>2016</b> , 30, 284-297	1.7	21
148	Semi-Active Suspension Control Based on Deep Reinforcement Learning. <i>IEEE Access</i> , <b>2020</b> , 8, 9978-9986	3.5	16
147	Active Impedance Control of Bioinspired Motion Robotic Manipulators: An Overview. <i>Applied Bionics and Biomechanics</i> , <b>2018</b> , 2018, 8203054	1.6	16
146	Research on pressure tactile sensing technology based on fiber Bragg grating array. <i>Photonic Sensors</i> , <b>2015</b> , 5, 263-272	2.3	15
145	Facial expression recognition with PCA and LBP features extracting from active facial patches <b>2016</b> ,		15

144	A Bounded Strategy of the Mobile Robot Coverage Path Planning Based on Lorenz Chaotic System. <i>International Journal of Advanced Robotic Systems</i> , <b>2016</b> , 13, 107	1.4	14
143	Energy Efficient Foot Trajectory of Trot Motion for Hydraulic Quadruped Robot. <i>Energies</i> , <b>2019</b> , 12, 2514	3.1	13
142	An Improved Chaotic Motion Path Planner for Autonomous Mobile Robots Based on a Logistic Map. <i>International Journal of Advanced Robotic Systems</i> , <b>2013</b> , 10, 273	1.4	13
141	A Trot and Flying Trot Control Method for Quadruped Robot Based on Optimal Foot Force Distribution. <i>Journal of Bionic Engineering</i> , <b>2019</b> , 16, 621-632	2.7	12
140	Manipulation Skill Acquisition for Robotic Assembly Based on Multi-Modal Information Description. <i>IEEE Access</i> , <b>2020</b> , 8, 6282-6294	3.5	12
139	Cooperative Control of Multiple Nonholonomic Robots for Escorting and Patrolling Mission Based on Vector Field. <i>IEEE Access</i> , <b>2018</b> , 6, 41883-41891	3.5	12
138	Modeling and Analysis on Energy Consumption of Hydraulic Quadruped Robot for Optimal Trot Motion Control. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 1771	2.6	11
137	Robust trajectory tracking control for a quadrotor subject to disturbances and model uncertainties. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 839-851	2.3	11
136	Fall Detection in Videos With Trajectory-Weighted Deep-Convolutional Rank-Pooling Descriptor. <i>IEEE Access</i> , <b>2019</b> , 7, 4135-4144	3.5	10
135	A free gait generation method for quadruped robots over rough terrains containing forbidden areas. <i>Journal of Mechanical Science and Technology</i> , <b>2015</b> , 29, 3983-3993	1.6	10
134	Combining features for Chinese sign language recognition with Kinect <b>2014</b> ,		10
133	Model-free control of a quadrotor using adaptive proportional derivative-sliding mode control and robust integral of the signum of the error. <i>International Journal of Advanced Robotic Systems</i> , <b>2018</b> , 15, 172988141880088	1.4	10
132	A novel energy-coupling-based control method for double-pendulum overhead cranes with initial control force constraint. <i>Advances in Mechanical Engineering</i> , <b>2018</b> , 10, 168781401775221	1.2	9
131	Improvement of ID3 Algorithm Based on Simplified Information Entropy and Coordination Degree. <i>Algorithms</i> , <b>2017</b> , 10, 124	1.8	9
130	Gait generation and transitions of quadruped robot based on Wilson-Cowan weakly neural networks <b>2010</b> ,		9
129	. <i>IEEE Transactions on Multimedia</i> , <b>2020</b> , 22, 2293-2306	6.6	9
128	Facial Expression Recognition Based on Random Forest and Convolutional Neural Network. <i>Information (Switzerland)</i> , <b>2019</b> , 10, 375	2.6	9
127	Emerging Chemistry in Enhancing the Chemical and Photochemical Stabilities of Fused-Ring Electron Acceptors in Organic Solar Cells. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 2106735	15.6	9

126	Spatiotemporal Multimodal Learning with 3D CNNs for Video Action Recognition. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 1-1	6.4	9
125	An Enhanced Coupling Nonlinear Tracking Controller for Underactuated 3D Overhead Crane Systems. <i>Asian Journal of Control</i> , <b>2018</b> , 20, 1839-1854	1.7	8
124	An improved kernel based extreme learning machine for robot execution failures. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 906546	2.2	8
123	ADRC-ESMPC active heave compensation control strategy for offshore cranes. <i>Ships and Offshore Structures</i> , <b>2020</b> , 15, 1098-1106	1.4	8
122	Reversible data hiding for high dynamic range images using edge information. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 29137-29160	2.5	8
121	An Adaptive Zero-Velocity Interval Detector Using Instep-Mounted Inertial Measurement Unit. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-13	5.2	8
120	Butterfly-shaped asymmetric squaraine dimers for organic photovoltaics. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 10547-10556	7.1	8
119	Hierarchical dynamic depth projected difference imagesBased action recognition in videos with convolutional neural networks. <i>International Journal of Advanced Robotic Systems</i> , <b>2019</b> , 16, 1729881418825097	1.4	7
118	Movements and Balance Control of a Wheel-Leg Robot Based on Uncertainty and Disturbance Estimation Method. <i>IEEE Access</i> , <b>2019</b> , 7, 133265-133273	3.5	7
117	An improved extreme learning machine based on Variable-length Particle Swarm Optimization <b>2013</b> ,		7
116	Deep learning based human action recognition: A survey <b>2017</b> ,		7
115	Face detection and recognition with SURF for human-robot interaction <b>2009</b> ,		7
114	A Dynamic Path Planning Method for Social Robots in the Home Environment. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 1173	2.6	7
113	A novel recommendation system via L0-regularized convex optimization. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 1649-1663	4.8	7
112	Visual Object Tracking via Guessing and Matching. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2020</b> , 30, 4182-4191	6.4	7
111	A Motion Planning Approach for Nonprehensile Manipulation and Locomotion Tasks of a Legged Robot. <i>IEEE Transactions on Robotics</i> , <b>2020</b> , 36, 855-874	6.5	6
110	An Energy Efficient Motion Controller Based on SLCP for the Electrically Actuated Quadruped Robot. <i>Journal of Bionic Engineering</i> , <b>2020</b> , 17, 290-302	2.7	6
109	An End to End Framework With Adaptive Spatio-Temporal Attention Module for Human Action Recognition. <i>IEEE Access</i> , <b>2020</b> , 8, 47220-47231	3.5	6

108	The Application of a Hybrid Transfer Algorithm Based on a Convolutional Neural Network Model and an Improved Convolution Restricted Boltzmann Machine Model in Facial Expression Recognition. <i>IEEE Access</i> , <b>2019</b> , 7, 184599-184610	3.5	6
107	Static Gait Planning Method for Quadruped Robot Walking on Unknown Rough Terrain. <i>IEEE Access</i> , <b>2019</b> , 7, 177651-177660	3.5	6
106	Self-paced model learning for robust visual tracking. <i>Journal of Electronic Imaging</i> , <b>2017</b> , 26, 013016	0.7	5
105	Design and experiment of a bionic flapping wing mechanism with flapping-twist-wing motion based on a single rotation. <i>AIP Advances</i> , <b>2020</b> , 10, 065018	1.5	5
104	Fault Estimation for Discrete-Time Systems With Lipschitz Perturbation and Time-Variant Coefficients. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 3137-3141	3.5	5
103	A Hybrid 3D Descriptor With Global Structural Frames and Local Signatures of Histograms. <i>IEEE Access</i> , <b>2018</b> , 6, 39261-39272	3.5	5
102	Manipulation Skill Acquisition for Robotic Assembly using Deep Reinforcement Learning <b>2019</b> ,		5
101	Active compliance control of the hydraulic actuated leg prototype. <i>Assembly Automation</i> , <b>2017</b> , 37, 356-368		5
100	The Design and Implementation of OpenGL-based Comprehensive Educational Robot System <b>2006</b> ,		5
99	Design, Modelling and Validation of Hydraulic Servo Actuator With Passive Compliance for Legged Robots. <i>IEEE Access</i> , <b>2018</b> , 6, 59486-59495	3.5	5
98	A Double-EKF Orientation Estimator Decoupling Magnetometer Effects on Pitch and Roll Angles. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	5
97	Generation of a continuous free gait for quadruped robot over rough terrains. <i>Advanced Robotics</i> , <b>2019</b> , 33, 74-89	1.7	4
96	Correlation filter-based self-paced object tracking <b>2017</b> ,		4
95	Multi-steps prediction of chaotic time series based on echo state network <b>2010</b> ,		4
94	Analysis and Verification on Energy Consumption of the Quadruped Robot with Passive Compliant Hydraulic Servo Actuator. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 340	2.6	4
93	Learning Actions from Human Demonstration Video for Robotic Manipulation <b>2019</b> ,		4
92	Facial Expression Recognition Based on Auxiliary Models. <i>Algorithms</i> , <b>2019</b> , 12, 227	1.8	4
91	Speed and Acceleration Control for a Two Wheel-Leg Robot Based on Distributed Dynamic Model and Whole-Body Control. <i>IEEE Access</i> , <b>2019</b> , 7, 180630-180639	3.5	4

90	Local Coupled Extreme Learning Machine Based on Particle Swarm Optimization. <i>Algorithms</i> , <b>2018</b> , 11, 174	1.8	4
89	Collecting public RGB-D datasets for human daily activity recognition. <i>International Journal of Advanced Robotic Systems</i> , <b>2017</b> , 14, 172988141770907	1.4	3
88	Path Planning Based on ADFA* Algorithm for Quadruped Robot. <i>IEEE Access</i> , <b>2019</b> , 7, 111095-111101	3.5	3
87	An Autonomous Developmental Cognitive Architecture Based on Incremental Associative Neural Network With Dynamic Audiovisual Fusion. <i>IEEE Access</i> , <b>2019</b> , 7, 8789-8807	3.5	3
86	Gait-Based Quadruped Robot Planar Hopping Control with Energy Planning. <i>International Journal of Advanced Robotic Systems</i> , <b>2016</b> , 13, 20	1.4	3
85	A* algorithm of global path planning based on the grid map and V-graph environmental model for the mobile robot <b>2017</b> ,		3
84	Mathematical Modeling and Analysis of Multirobot Cooperative Hunting Behaviors. <i>Journal of Robotics</i> , <b>2015</b> , 2015, 1-8	1.5	3
83	Chinese sign language recognition with 3D hand motion trajectories and depth images <b>2014</b> ,		3
82	An Improved Reinforcement Learning Algorithm for Cooperative Behaviors of Mobile Robots. <i>Journal of Control Science and Engineering</i> , <b>2014</b> , 2014, 1-8	1.2	3
81	ADRC based ship tracking controller design and simulations <b>2008</b> ,		3
80	Multi-objective Path Planning for the Mobile Robot <b>2007</b> ,		3
79	Study on ADRC-based mobile robot lateral control <b>2007</b> ,		3
78	Autonomous Robot Navigation Based on Multi-Camera Perception		3
77	A Decoupled Orientation Estimation Approach for Robust Roll and Pitch Measurements in Magnetically Disturbed Environment. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 1-1	5.2	3
76	Grasp for Stacking via Deep Reinforcement Learning <b>2020</b> ,		3
75	Development of a novel deployable arm for natural orifice transluminal endoscopic surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , <b>2021</b> , 17, e2232	2.9	3
74	Dynamically Grasping with Incomplete Information Workpiece Based on Machine Vision <b>2019</b> ,		3
73	Active Compliance Control on the Hydraulic Quadruped Robot With Passive Compliant Servo Actuator. <i>IEEE Access</i> , <b>2019</b> , 7, 163449-163460	3.5	3

72	Modeling Contact State of Industrial Robotic Assembly Using Support Vector Regression <b>2018</b> ,		3
71	Contact State Classification in Industrial Robotic Assembly Tasks Based on Extreme Learning Machine <b>2018</b> ,		3
70	A survey of the development of quadruped robots: Joint configuration, dynamic locomotion control method and mobile manipulation approach. <i>Biomimetic Intelligence and Robotics</i> , <b>2022</b> , 2, 100029		3
69	Numerical Simulation of Wave Interaction with Payloads of Different Postures Using OpenFOAM. <i>Journal of Marine Science and Engineering</i> , <b>2020</b> , 8, 433	2.4	2
68	Grid Map Construction and Terrain Prediction for Quadruped Robot Based on C-Terrain Path. <i>IEEE Access</i> , <b>2020</b> , 8, 56572-56580	3.5	2
67	A turning gait generation approach for quadruped robot based on trotting gait <b>2016</b> ,		2
66	Information fusion control with time delay for smooth pursuit eye movement. <i>Physiological Reports</i> , <b>2016</b> , 4, e12775	2.6	2
65	Realization of a hydraulic actuated biped robot walking without double support phase. <i>International Journal of Control, Automation and Systems</i> , <b>2014</b> , 12, 843-851	2.9	2
64	The application of image based visual servo control system for smart guard <b>2013</b> ,		2
63	Cooperative multiple nonholonomic robots control for moving-target circular formation using backstepping design and tracking differentiator <b>2017</b> ,		2
62	Mobile Robot Path Planning Using Polyclonal-Based Artificial Immune Network. <i>Journal of Control Science and Engineering</i> , <b>2013</b> , 2013, 1-13	1.2	2
61	Research on autonomous negotiation action planning for 110kV power transmission line inspection robot <b>2008</b> ,		2
60	The Research and Application of Real Time CORBA in Software Framework for Industrial Robot <b>2007</b> ,		2
59	A Hierarchical Framework for Quadruped Locomotion Based on Reinforcement Learning <b>2021</b> ,		2
58	H2GNN: Hierarchical-Hops Graph Neural Networks for Multi-Robot Exploration in Unknown Environments. <i>IEEE Robotics and Automation Letters</i> , <b>2022</b> , 7, 3435-3442	4.2	2
57	Design and Control of a Novel Leg-Arm Multiplexing Mobile Operational Hexapod Robot. <i>IEEE Robotics and Automation Letters</i> , <b>2022</b> , 7, 382-389	4.2	2
56	A Novel Dynamic Locomotion Control Method for Quadruped Robots Running on Rough Terrains. <i>IEEE Access</i> , <b>2020</b> , 8, 150435-150446	3.5	2
55	Learning Multi-Object Dense Descriptor for Autonomous Goal-Conditioned Grasping. <i>IEEE Robotics and Automation Letters</i> , <b>2021</b> , 6, 4109-4116	4.2	2

54	Towards Multi-Modal Perception-Based Navigation: A Deep Reinforcement Learning Method. <i>IEEE Robotics and Automation Letters</i> , <b>2021</b> , 6, 4986-4993	4.2	2
53	Online Center of Mass Detection for Quadruped Robots in Trot Gait Motion* <b>2019</b> ,		2
52	Fault estimation for discrete time-variant systems subject to actuator and sensor saturations. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 988-1004	3.6	2
51	An Energy Optimal Foot Trajectory for the Hydraulic Actuated Quadruped Robot <b>2018</b> ,		2
50	Quadruped Locomotion Control Based on Two Bipedes Jointly Carrying Model <b>2018</b> ,		2
49	Deep Residual Texture Network for Terrain Recognition. <i>IEEE Access</i> , <b>2019</b> , 7, 90152-90161	3.5	1
48	Fault estimation for a class of nonlinear time-variant systems through a Krein space based approach. <i>Measurement and Control</i> , <b>2020</b> , 53, 541-550	1.5	1
47	Coordinated Control of Multiple Euler-Lagrange Systems for Escorting Missions with Obstacle Avoidance. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 4144	2.6	1
46	Target recognition in different color spaces <b>2013</b> ,		1
45	Controller design and experimental validation of a robot joint with active compliance <b>2017</b> ,		1
44	An active target localization with monocular vision <b>2014</b> ,		1
43	An impact recovery approach for quadruped robot with trotting gait <b>2014</b> ,		1
42	The OpenGL and GInac based approach to quadruped robot gait simulation system <b>2010</b> ,		1
41	Research and design of control system for a tracked SAR robot under coal mine <b>2009</b> ,		1
40	An anchor-free localization algorithm for shopping carts on supermarket Internet of Things <b>2012</b> ,		1
39	Adaptive genetic algorithm for occupancy grid maps merging <b>2008</b> ,		1
38	Multi-agent-based Auctions for Multi-robot Exploration <b>2006</b> ,		1
37	Parallel Learning Evolutionary Algorithm Based on Neural Network Ensemble <b>2006</b> ,		1



36	Genetic Algorithm-based Multi-robot Cooperative Exploration <b>2007</b> ,		1
35	Design of Wireless Sensor Network Node CC2510 Based and Study on Communication Protocol <b>2006</b> ,		1
34	The Design and Implementation of Middleware-based and VR-based Software Framework for Distributed Industrial Robot Application in Train Maintenance <b>2006</b> ,		1
33	Study on throttle control of intelligent vehicle longitudinal motion		1
32	Search strategy of path for mobile robot		1
31	Contact Force Estimation and Regulation of a Position-controlled Floating Base System without Joint Torque Information <b>2020</b> ,		1
30	Locomotion Control of Quadruped Robots With Online Center of Mass Adaptation and Payload Identification. <i>IEEE Access</i> , <b>2020</b> , 8, 224578-224587	3.5	1
29	An Efficient Gait-generating Method for Electrical Quadruped Robot Based on Humanoid Power Planning Approach. <i>Journal of Bionic Engineering</i> ,1	2.7	1
28	Human-like Walking of a Biped Robot Actuated by Pneumatic Artificial Muscles and Springs <b>2020</b> ,		1
27	Design and motion planning of hydraulically driven leg for maximum height jumping. <i>Mechatronics</i> , <b>2021</b> , 74, 102499	3	1
26	Design optimization on passive exoskeletons through musculoskeletal model simulation <b>2016</b> ,		1
25	Research and design of intelligent control and precision sowing simulation system for wheat. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2016</b> , 31, 2313-2320	1.6	1
24	Chattering free sliding adaptive attitude control for quadrotor <b>2016</b> ,		1
23	Finite-time Attitude Stabilization Control of a Quadrotor with Parametric Uncertainties and Disturbances* <b>2019</b> ,		1
22	Realization of Complex Terrain and Disturbance Adaptation for Hydraulic Quadruped Robot under Flying trot Gait <b>2019</b> ,		1
21	Salient object detection with adversarial training. <i>IET Image Processing</i> , <b>2019</b> , 13, 2859-2865	1.7	1
20	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	1
19	Active 6-D position-pose estimation of a spatial circle using monocular eye-in-hand system. <i>International Journal of Advanced Robotic Systems</i> , <b>2018</b> , 15, 172988141775369	1.4	1

18	Design and Experimental Validation of a Master Manipulator with Position and Posture Decoupling for Laparoscopic Surgical Robot.. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , <b>2022</b> , e2398	2.9	1
17	Optimal trajectory planning strategy for underactuated overhead crane with pendulum-sloshing dynamics and full-state constraints. <i>Nonlinear Dynamics</i> ,1	5	1
16	Bio-Inspired Rhythmic Locomotion for Quadruped Robots. <i>IEEE Robotics and Automation Letters</i> , <b>2022</b> , 1-1	4.2	1
15	Automatic Knowledge Discovery in Lecturing Videos via Deep Representation. <i>IEEE Access</i> , <b>2019</b> , 7, 33957-33963	3.5	3
14	Training Revising Based Traversability Analysis of Complex Terrains for Mobile Robot. <i>Advances in Mechanical Engineering</i> , <b>2014</b> , 6, 572917	1.2	0
13	Modeling and energy-based fuzzy controlling for underactuated overhead cranes with load transferring, lowering, and persistent external disturbances. <i>Advances in Mechanical Engineering</i> , <b>2017</b> , 9, 168781401772008	1.2	0
12	Modeling and analysis on low energy consumption foot trajectory for hydraulic actuated quadruped robot. <i>International Journal of Advanced Robotic Systems</i> , <b>2021</b> , 18, 172988142110620	1.4	0
11	Unfused Nonfullerene Acceptors Based on Simple Dipolar Merocyanines. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 18103	4.8	0
10	Design and control method of a hydraulic power unit for a wheel-legged robot. <i>Journal of Mechanical Science and Technology</i> ,1	1.6	0
9	Tetracyanobutadienyl-based Nonlinear Optical Dendronized Hyperbranched Polymer Synthesized via Facile [2+2]Cycloaddition Polymer Postfunctionalization.. <i>Macromolecular Rapid Communications</i> , <b>2022</b> , e2200179	4.8	0
8	Aerodynamic Analysis of a Flapping Wing Aircraft for Short Landing. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3404	2.6	
7	Dynamic k-coverage planning for multiple events with mobile robots. <i>International Journal of Advanced Robotic Systems</i> , <b>2017</b> , 14, 172988141771079	1.4	
6	Non-metal Piezoelectric Motor Utilizing Langevin-Type Alumina/PZT Transducer Working in Orthogonal Bending Modes. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 342-352	0.9	
5	Theoretical Study on the Catalytic Oxidation of p-Iodophenol by Horseradish Peroxidase in a Chemiluminescent System. <i>ChemistrySelect</i> , <b>2018</b> , 3, 11749-11757	1.8	
4	CFD modeling of the turbulent dispersion of liquid droplets in a vessel using a correlation based on local droplet size distribution. <i>Chemical Engineering Communications</i> ,1-16	2.2	
3	Explicit-to-Implicit Robot Imitation Learning by Exploring Visual Content Change. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2022</b> , 1-12	5.5	
2	Modeling and Control of a Wheeled Biped Robot. <i>Micromachines</i> , <b>2022</b> , 13, 747	3.3	
1	A Novel Orientation Determination Approach of Mobile Robot Using Inertial and Magnetic Sensors. <i>IEEE Transactions on Industrial Electronics</i> , <b>2022</b> , 1-1	8.9	

