

Lu Lu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

241
citations

1478280

6
h-index

1719901

7
g-index

13
all docs

13
docs citations

13
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Robust Precision Motion Control of a High-Speed Industrial Gantry With Cogging Force Compensations. IEEE Transactions on Control Systems Technology, 2011, 19, 1149-1159.	3.2	90
2	Energy-Saving Adaptive Robust Control of a Hydraulic Manipulator Using Five Cartridge Valves With an Accumulator. IEEE Transactions on Industrial Electronics, 2014, 61, 7046-7054.	5.2	70
3	A Tilting-Rotor Unmanned Aerial Vehicle for Enhanced Aerial Locomotion and Manipulation Capabilities: Design, Control, and Applications. IEEE/ASME Transactions on Mechatronics, 2021, 26, 2237-2248.	3.7	27
4	Design, Sensing, and Control of a Novel UAV Platform for Aerial Drilling and Screwing. IEEE Robotics and Automation Letters, 2021, 6, 3176-3183.	3.3	18
5	Human-directed coordinated control of an assistive mobile manipulator. International Journal of Intelligent Robotics and Applications, 2017, 1, 104-120.	1.6	13
6	A Control Architecture for Time-Optimal Landing of a Quadrotor Onto a Moving Platform. Asian Journal of Control, 2018, 20, 1701-1712.	1.9	12
7	6-DOF Automated Flight Testing Using a Humanoid Robot Arm. , 2018, , .		3
8	Energy-Efficient Adaptive Robust Control of Vector Thrust UAVs With Unknown Inertia Parameters. , 2018, , .		3
9	Robot Composite Learning and the Nunchaku Flipping Challenge. , 2018, , .		2
10	Handling crowdsourced data using state space discretization for robot learning and synthesizing physical skills. International Journal of Intelligent Robotics and Applications, 2020, 4, 390-402.	1.6	2
11	Synthesis of Robot Hand Skills Powered by Crowdsourced Learning. , 2019, , .		1
12	A Human-Centered Control Framework for Robotic Sit-to-Stand Assistance. , 2018, , .		0
13	Modeling and Precision Motion Control of Dexterous Object In-Hand Rotation. , 2019, , .		0