

Kazuki Umemoto

List of Publications by Year in descending order

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15
papers

55
citations

1684188

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1720034

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docs citations

16
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic hybrid position/force control for the quadrotor with a multi-degree-of-freedom manipulator. <i>Artificial Life and Robotics</i> , 2019, 24, 378-389.	1.2	11
2	Modeling and Control of a Quadrotor UAV Equipped With a Flexible Arm in Vertical Plane. <i>IEEE Access</i> , 2021, 9, 98476-98489.	4.2	9
3	Dynamic Cooperative Transportation Control Using Friction Forces of n Multi-Rotor Unmanned Aerial Vehicles. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2020, 100, 1085-1095.	3.4	8
4	Exponential stability of dual flexible arms for grasping and orientation control. <i>IET Control Theory and Applications</i> , 2019, 13, 2546-2555.	2.1	6
5	Non-cascade Adaptive Sliding Mode Control for Quadrotor UAVs under Parametric Uncertainties and External Disturbance with Indoor Experiments. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2021, 102, 1.	3.4	6
6	Robust Tracking Control for Multi-rotor UAVs Using Sliding Mode Control. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2014, 50, 170-176.	0.2	5
7	Analysis and Experimental Study on Networked Nonlinear Controller Design for a Water Level Process. <i>Experimental Process.</i> , 2008, , .		3
8	Stability analysis of a control system with nonlinear input uncertainty based on disturbance observer. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 4433-4448.	3.7	3
9	Operator-based non-linear control system design for unstable plants with input saturation. <i>International Journal of Advanced Mechatronic Systems</i> , 2011, 3, 297.	0.2	1
10	Effects of Blade Tip Profile on In-Plane Tensile Properties of Wedge-Notched Polypropylene Sheet. <i>International Journal of Automation Technology</i> , 2019, 13, 780-786.	1.0	1
11	Estimation of bending characteristics of creased paperboard using 45° tapered groove against unbalanced punch indentation. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2020, 14, JAMDSM0083-JAMDSM0083.	0.7	1
12	Operator based nonlinear control of processes with unknown input disturbances. , 2009, , .		0
13	Tracking control and error analysis for non-linear plants using robust right coprime factorisation. <i>International Journal of Advanced Mechatronic Systems</i> , 2013, 5, 326.	0.2	0
14	Local input-to-state stability analysis on compact set for disturbance observer-based uncertain multivariable nonlinear control systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 7785.	3.7	0
15	Effects of holding time and temperature of creasing knife on scoring and folding characteristics of creased milk carton. <i>Proceedings of International Conference on Leading Edge Manufacturing in 21st Century LEM21</i> , 2021, 2021.10, 121-067.	0.0	0