

# Kazuki Umemoto

## List of Publications by Year in descending order

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