

# Hiroaki Kuwahara

## List of Publications by Year in descending order

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17  
papers

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2258059

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#	ARTICLE	IF	CITATIONS
1	Tracked Vehicle Velocity Estimation by Disturbance Observer and Machine Learning, and its Application to Driving Force Control for Slippage Suppression. IEEJ Journal of Industry Applications, 2022, 11, 69-75.	1.1	2
2	Position Control Considering Slip Motion of Tracked Vehicle Using Driving Force Distribution and Lateral Disturbance Suppression. IEEE Access, 2022, 10, 20571-20580.	4.2	5
3	Trajectory Tracking Control with Estimated Driving Force for Tracked Vehicle Using Disturbance Observer and Machine Learning. , 2021, , .		2
4	Development of a Force Sensorless Percussion Device for Rationalization of Generator Inspection. Journal of the Japan Society for Precision Engineering, 2020, 86, 120-125.	0.1	0
5	Development of Pushing Control Mechanisms for Generator Inspection Robot. , 2020, , .		3
6	A design method of a robust controller for hydraulic actuation with disturbance observers. , 2016, , .		2
7	20209 Fault Detection System Equipped with Hydraulic Double Arm Robot. The Proceedings of Conference of Kanto Branch, 2015, 2015.21, _20209-1_-_20209-2_.	0.0	0
8	Abstraction of Action Components Unconstrained by Alignment of Haptic Sensing Points. IEEE Transactions on Industrial Electronics, 2011, 58, 3196-3204.	7.9	26
9	A Design Method of Force Dependent Velocity Bilateral Control Based on Gyration Property. IEEJ Transactions on Industry Applications, 2011, 131, 304-310.	0.2	3
10	Development and verification of tendon-driven rotary actuator for haptics with flexible actuators and a PE line. , 2010, , .		12
11	Design method for motion reproduction system including time scaling based on robot dynamics. , 2010, , .		1
12	A reproduction method of human motion based on integrated information for haptic skill education. , 2010, , .		2
13	Modal-Power-Based Haptic Motion Recognition. IEEJ Transactions on Industry Applications, 2010, 130, 477-484.	0.2	2
14	Force Sensation Transmission with Same-Structured Master-Slave Robot Hands using Flexible Actuators. Journal of the Japan Society for Precision Engineering, 2010, 76, 938-944.	0.1	2
15	Evaluation method of haptic human motion by modal work information. , 2009, , .		0
16	Abstraction of action components based on haptic information. , 2009, , .		1
17	Design Method for a Bilateral Control System Considering Ambient Environment around Operated Objects. IEEJ Transactions on Industry Applications, 2009, 129, 649-657.	0.2	2