

Yuki Nagatsu

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

108
citations

1937685

4
h-index

1720034

7
g-index

26
all docs

26
docs citations

26
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Force-based Two-channel Bilateral Control for Position/Velocity Controlled Robots. , 2022, , .		1
2	Acceleration-Based Disturbance Observer for Hybrid Control of Redundant Systems. IEEE Transactions on Industrial Electronics, 2021, 68, 11188-11199.	7.9	6
3	Lateral Movement Method of Inverted Two-wheeled Vehicles for Narrow Roads Using Pivot Turn. IEEJ Journal of Industry Applications, 2021, 10, 184-191.	1.1	0
4	Bilateral Control by Transmitting Force Information with Application to Time-delay Systems and Human Motion Reproduction. IEEJ Journal of Industry Applications, 2021, 10, 165-177.	1.1	8
5	Absolute Angle Calculation for Magnetic Encoder Based On Magnetic Flux Density Difference. , 2021, , .		4
6	Multilateral Haptic Feedback Control by Transmission of Force Information. , 2020, , .		4
7	A Two-Wheeled Type Vehicle to Carry Luggage in Cooperation with Human. , 2020, , .		0
8	Development of Magnetic Absolute Encoder Using Eccentric Structure: Improvement of Resolution by Multi-Polarization. , 2020, , .		7
9	Verification of Ultra-High Resolution Magnetic Absolute Encoder Using Eccentric Structure and Neural Network. , 2020, , .		4
10	A Soft Landing Control for Vehicle Robot with Inverted Two-Wheeled/Stable Traveling Mode. Journal of the Japan Society for Precision Engineering, 2020, 86, 281-288.	0.1	2
11	Friction and noise suppression for force control system based on integration of observer and force sensor information. ROBOMECH Journal, 2020, 7, .	1.6	1
12	RRI Real-Time Measurement System Using Capacitive Coupled Electrodes: Consideration on Body Movemant. , 2019, , .		1
13	Load-Side Sensor-less Disturbance Estimation Based on Integration of Motor-Side Velocity and Acceleration Information for Flexible Manipulators. , 2019, , .		1
14	Force Control for Vehicle Robot With Inverted Two-wheeled and Stable Travelling Modes. , 2019, , .		2
15	Simultaneous Presentation of Thermal and Tactile Sensations Using Multilateral Control under Time Delay. IEEJ Journal of Industry Applications, 2018, 7, 378-386.	1.1	4
16	Decoupling and Performance Enhancement of Hybrid Control for Motion-Copying System. IEEE Transactions on Industrial Electronics, 2017, 64, 420-431.	7.9	23
17	Kalman filter based equivalent elastic force feedback for time-delay compensation. , 2017, , .		2
18	High-order disturbance estimation using Kalman filter for precise reaction-torque control. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
19	Realization of stable contact motion based on concept of resonance ratio control. , 2016, , .		2
20	A motion reproduction method for training system based on spatiotemporal admittance control. , 2015, , .		1
21	Design Strategies for Motion Reproduction Based on Environmental Disturbance Compensation. IEEE Transactions on Industrial Electronics, 2015, 62, 5786-5798.	7.9	20
22	Motion reproducing system for pinching and rotational tasks with different size of objects by using a transformation to polar coordinates. , 2013, , .		3
23	Macro-micro bilateral control using Kalman filter based state observer for noise reduction and decoupling of modal space. , 2013, , .		3
24	Scaled bilateral control using Kalman Filter based state estimation for reduction of noise effect. , 2013, , .		3
25	Bilateral control considering transition of subsystems based on ability to oppose the thumb. , 2012, , .		1
26	G150024 A Bilateral Control System for Environmental Adaptation based on thumb opposability. The Proceedings of Mechanical Engineering Congress Japan, 2012, 2012, _G150024-1-_G150024-5.	0.0	0