

Yoshiyuki Noda

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Feedforward Flow Rate Control of Automatic Pouring System with Real Ladle. Journal of Robotics and Mechatronics, 2007, 19, 205-211.	1.0	22
2	High-precision pouring control using online model parameters identification in automatic pouring robot with cylindrical ladle. , 2014, , .		8
3	Monitoring and Control System to Falling Position of Outflow Liquid in Automatic Pouring Robot. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 13-18.	0.4	5
4	Parallel two-wheel vehicle with underslung vehicle body. Mechanical Engineering Journal, 2014, 1, DR0036-DR0036.	0.4	5
5	Trajectory planning for vibration suppression and avoidance of angularly postured obstacles in a 2-D transfer system. Mechanical Engineering Journal, 2015, 2, 15-00038-15-00038.	0.4	5
6	Training Simulator for Acquiring Operational Skill to Operate Overhead Traveling Crane while Suppressing Load Sway. Shock and Vibration, 2019, 2019, 1-12.	0.6	5
7	Simulator Building for Agile Control Design of Shipboard Crane and its application to Operational Training. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 7375-7383.	0.4	4
8	Operational assistance system for obstacle collision avoidance and load sway suppression in overhead traveling crane. , 2016, , .		4
9	Implementation and Experimental Verification of Flow Rate Control Based on Differential Flatness in a Tilting-Ladle-Type Automatic Pouring Machine. Applied Sciences (Switzerland), 2019, 9, 1978.	2.5	4
10	Force Display Device and Control System for Surgical Training Simulator Using Bone Chisel. , 2018, , .		3
11	On-demand Trajectory Planning with Load Sway Suppression and Obstacles Avoidance in Automated Overhead Traveling Crane System. , 2019, , .		3
12	Model-Based Flow Rate Control with Online Model Parameters Identification in Automatic Pouring Machine. Robotics, 2021, 10, 39.	3.5	3
13	Experimental Verification of Real-Time Flow-Rate Estimations in a Tilting-Ladle-Type Automatic Pouring Machine. Applied Sciences (Switzerland), 2021, 11, 6701.	2.5	3
14	Precision Analysis of Automatic Pouring Machines for the Casting Industry. International Journal of Automation Technology, 2008, 2, 241-246.	1.0	3
15	Force Display Control System using 2 DOF Admittance Control in Surgical Training Simulator with Chiseling Operation. , 2019, , .		3
16	Sloshing Suppression Control with Designed Transfer and Tilt Input by Using Generalized Predictive Method. Transactions of the Society of Instrument and Control Engineers, 2013, 49, 134-141.	0.2	3
17	Trajectory Planning with Obstacle Avoidance of Transfer Object and Load Sway Suppression in Overhead Traveling Crane, and Fast Solution of Trajectory Planning by Designing Initial Trajectory. Transactions of the Society of Instrument and Control Engineers, 2017, 53, 13-21.	0.2	2
18	Trajectory Planning with Consideration for Load Sway Suppression and Obstacles Avoidance using Artificial Potential Method and Sequential Quadratic Programming in Automated Overhead Traveling Crane. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	Innovative Automation Technologies and IT Applications of the Metal Casting Process Necessary for the Foundries of the 21st Century. International Journal of Automation Technology, 2008, 2, 229-240.	1.0	2
20	Outflow Liquid Falling Position Control Considering Lower Pouring Mouth Position with Collision Avoidance for Tilting-Type Automatic Pouring Machine. Materials Transactions, 2017, 58, 485-493.	1.2	2
21	Control of Liquid Level in Tundish of Strip Caster with Automatic Pouring System. Materials Science Forum, 2008, 575-578, 147-153.	0.3	1
22	Falling Position Control of Outflow Liquid from Ladle in Tilting-Ladle Type Automatic Pouring Machine. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2012, 78, 3446-3458.	0.2	1
23	Sway suppression control of the vehicle body considering the physical constitution of passenger in parallel two-wheel vehicle with underslung vehicle body. Transactions of the JSME (in Japanese), 2015, 81, 14-00569-14-00569.	0.2	1
24	Straight transfer control system using PI control and trajectory planning in overhead traveling crane. , 2015, , .		1
25	Falling position control of outflow liquid from ladle in automatic pouring machine with manipulatable flow rate. , 2017, , .		1
26	Force display control system for simultaneous 3-axis translational motion in surgical training simulator for chiseling operation. ROBOMECH Journal, 2021, 8, .	1.6	1
27	3A13 Trajectory planning method with obstacle avoidance and vibration suppression for 2-D transfer machine(The 12th International Conference on Motion and Vibration Control). The Proceedings of the Symposium on the Motion and Vibration Control, 2014, 2014.12, _3A13-1_-_3A13-9_.	0.0	1
28	Representation of Chiseling Operation Using Force Display with Two Degree-of-freedom Admittance Control. Transactions of the Society of Instrument and Control Engineers, 2020, 56, 333-344.	0.2	1
29	Attitude control using active-mass-system in parallel two-wheel vehicle with underslung vehicle body. , 2014, , .		0
30	Operational assistance system while considering operators ability on manual guided transfer system with vibrational elements. , 2015, , .		0
31	Operational Assistance System for Vibration Suppression and Precise Positioning in Manual Guided Transfer System. , 2015, , .		0
32	Development of Flow Rate Feedback Control in Tilting-ladle-type Pouring Robot with Direct Manipulation of Pouring Flow Rate. , 2019, , .		0