

# Yoshiyuki Noda

## List of Publications by Year in descending order

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32  
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#	ARTICLE	IF	CITATIONS
1	Model-Based Flow Rate Control with Online Model Parameters Identification in Automatic Pouring Machine. <i>Robotics</i> , 2021, 10, 39.	3.5	3
2	Experimental Verification of Real-Time Flow-Rate Estimations in a Tilting-Ladle-Type Automatic Pouring Machine. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6701.	2.5	3
3	Force display control system for simultaneous 3-axis translational motion in surgical training simulator for chiseling operation. <i>ROBOMECH Journal</i> , 2021, 8, .	1.6	1
4	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
5	Representation of Chiseling Operation Using Force Display with Two Degree-of-freedom Admittance Control. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2020, 56, 333-344.	0.2	1
6	Implementation and Experimental Verification of Flow Rate Control Based on Differential Flatness in a Tilting-Ladle-Type Automatic Pouring Machine. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1978.	2.5	4
7	Training Simulator for Acquiring Operational Skill to Operate Overhead Traveling Crane while Suppressing Load Sway. <i>Shock and Vibration</i> , 2019, 2019, 1-12.	0.6	5
8	On-demand Trajectory Planning with Load Sway Suppression and Obstacles Avoidance in Automated Overhead Traveling Crane System. , 2019, , .		3
9	Force Display Control System using 2 DOF Admittance Control in Surgical Training Simulator with Chiseling Operation. , 2019, , .		3
10	Development of Flow Rate Feedback Control in Tilting-ladle-type Pouring Robot with Direct Manipulation of Pouring Flow Rate. , 2019, , .		0
11	Force Display Device and Control System for Surgical Training Simulator Using Bone Chisel. , 2018, , .		3
12	Falling position control of outflow liquid from ladle in automatic pouring machine with manipulatable flow rate. , 2017, , .		1
13	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. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2017, 53, 13-21.	0.2	2
14	Outflow Liquid Falling Position Control Considering Lower Pouring Mouth Position with Collision Avoidance for Tilting-Type Automatic Pouring Machine. <i>Materials Transactions</i> , 2017, 58, 485-493.	1.2	2
15	Operational assistance system for obstacle collision avoidance and load sway suppression in overhead traveling crane. , 2016, , .		4
16	Trajectory planning for vibration suppression and avoidance of angularly postured obstacles in a 2-D transfer system. <i>Mechanical Engineering Journal</i> , 2015, 2, 15-00038-15-00038.	0.4	5
17	Sway suppression control of the vehicle body considering the physical constitution of passenger in parallel two-wheel vehicle with underslung vehicle body. <i>Transactions of the JSME (in Japanese)</i> , 2015, 81, 14-00569-14-00569.	0.2	1
18	Straight transfer control system using PI control and trajectory planning in overhead traveling crane. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Operational assistance system while considering operators ability on manual guided transfer system with vibrational elements. , 2015, , .		0
20	Operational Assistance System for Vibration Suppression and Precise Positioning in Manual Guided Transfer System. , 2015, , .		0
21	High-precision pouring control using online model parameters identification in automatic pouring robot with cylindrical ladle. , 2014, , .		8
22	Attitude control using active-mass-system in parallel two-wheel vehicle with underslung vehicle body. , 2014, , .		0
23	Parallel two-wheel vehicle with underslung vehicle body. Mechanical Engineering Journal, 2014, 1, DR0036-DR0036.	0.4	5
24	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
25	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
26	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
27	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
28	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
29	Control of Liquid Level in Tundish of Strip Caster with Automatic Pouring System. Materials Science Forum, 2008, 575-578, 147-153.	0.3	1
30	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
31	Precision Analysis of Automatic Pouring Machines for the Casting Industry. International Journal of Automation Technology, 2008, 2, 241-246.	1.0	3
32	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