Norihiro Kamamichi

List of Publications by Year
in descending order

29	304	933447 10	940533 16
papers	citations	h-index	g-index

29	29	29	303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Locomotion analysis of self-propelled board by inclined internal mass motion with slider-crank mechanism. Meccanica, 2023, 58, 473-492.	2.0	1
2	Modeling and Control of a Lizard-Inspired Single-Actuated Robot. IEEE Robotics and Automation Letters, 2022, 7, 6399-6406.	5.1	1
3	Design and Implementation of a Lizard-Inspired Robot. Applied Sciences (Switzerland), 2021, 11, 7898.	2.5	2
4	Flexible Pneumatic Bending Actuator for a Robotic Tongue. Journal of Robotics and Mechatronics, 2020, 32, 894-902.	1.0	11
5	Linearizing compensation by PWM driving and feedback control of fishing line artificial muscle. Transactions of the JSME (in Japanese), 2020, 86, 19-00285-19-00285.	0.2	0
6	A valve powered by earthworm muscle with both electrical and 100% chemical control. Scientific Reports, 2019, 9, 8042.	3.3	8
7	Displacement control of an antagonistic-type twisted and coiled polymer actuator. Smart Materials and Structures, 2018, 27, 035003.	3.5	26
8	Simple Controller Design Based on Internal Model Control for Twisted and Coiled Polymer Actuator. Actuators, 2018, 7, 33.	2.3	8
9	Control of twisted and coiled polymer actuator with anti-windup compensator. Smart Materials and Structures, 2018, 27, 075014.	3.5	13
10	Modeling and motion control of manipulator with twisted and coiled polymer actuator. The Proceedings of Mechanical Engineering Congress Japan, 2018, 2018, J1120101.	0.0	0
11	Earthworm muscle driven bio-micropump. Sensors and Actuators B: Chemical, 2017, 242, 1186-1192.	7.8	40
12	Displacement control of integrated ionic polymer-metal composite actuator with stochastic ON/OFF controller. Transactions of the JSME (in Japanese), 2017, 83, 17-00328-17-00328.	0.2	0
13	IDC Robocon: A Transnational Teaming Competition for Project-Based Design Education in Undergraduate Robotics. Robotics, 2016, 5, 12.	3.5	11
14	An electric generator using living Torpedo electric organs controlled by fluid pressure-based alternative nervous systems. Scientific Reports, 2016, 6, 25899.	3.3	14
15	Motion control of lizard-type quadruped. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 1A2-07b6.	0.0	3
16	Wide-bandwidth bilateral control using two-stage actuator system. Transactions of the JSME (in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	0.2	2
17	Experimental verification of a tactile sensor based on ionic polymer-metal composites. , 2015, , .		0
18	Force control of ionic polymer-metal composite actuators with cellular actuator method. , 2014, , .		3

#	Article	IF	Citations
19	2P1-F04 Motion Analysis of Lizard Type Quadruped Robots(Biorobotics (2)). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2013, 2013, _2P1-F04_1-_2P1-F04_3.	0.0	3
20	Friction compensation using time variant disturbance observer based on the LuGre model. , 2012, , .		12
21	Printing Fabrication of a Bucky Gel Actuator/Sensor and Its Application to Three-Dimensional Patterned Devices. Advanced Robotics, 2010, 24, 1471-1487.	1.8	19
22	Swinging up and stabilization control of double Furuta pendulums by safe manual control. , 2009, , .		5
23	Positioning control of a capsule robot using sliding mode control. , 2009, , .		5
24	Control system design and experimental verification of Capsubot. , 2008, , .		4
25	Integrated Design of an Ionic Polymerâ€“Metal Composite Actuator/Sensor. Advanced Robotics, 2008, 22, 913-928.	1.8	15
26	Fabrication of bucky gel actuator/sensor devices based on printing method. , 2008, , .		16
27	Cytotoxicity Test and Mass Spectrometry of IPMC. IEEJ Transactions on Electronics, Information and Systems, 2008, 128, 1029-1035.	0.2	0
28	Doping effects on robotic systems with ionic polymerâ€“metal composite actuators. Advanced Robotics, 2007, 21, 65-85.	1.8	13
29	Development of an artificial muscle linear actuator using ionic polymerâ€“metal composites. Advanced Robotics, 2004, 18, 383-399.	1.8	69