

Jun-Ya Nagase

List of Publications by Year in descending order

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17
papers

59
citations

2258059

3
h-index

1872680

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g-index

17
all docs

17
docs citations

17
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Worm-Rack Driven Cylindrical Crawler Unit. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2013, 7, 422-431.	0.7	13
2	Development of a novel crawler mechanism for pipe inspection. , 2016, , .		13
3	Cylindrical elastic crawler mechanism for pipe inspection inspired by amoeba locomotion. , 2016, , .		9
4	Funicular Flexible Crawler for Colonoscopy. IEEE Transactions on Medical Robotics and Bionics, 2019, 1, 22-29.	3.2	7
5	Control of a two-link manipulator using disturbance observer-based model predictive control. Transactions of the JSME (in Japanese), 2015, 81, 15-00084-15-00084.	0.2	4
6	Comparison between PFC and PID control system for tendon-driven balloon actuator. , 2013, , .		3
7	Predictive Functional Control of Tendon-Driven Actuator Using Pneumatic Balloon. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2013, 7, 752-762.	0.7	3
8	Development of peristaltic crawling robot which imitates muscle structure of an earthworm. Transactions of the JSME (in Japanese), 2018, 84, 17-00548-17-00548.	0.2	3
9	Development of a Funicular Flexible Crawler for Colonoscopy*. , 2018, , .		2
10	Comparison between PFC and PID control systems for a pneumatic cylinder. IEJ Transactions on Electrical and Electronic Engineering, 2015, 10, 605-607.	1.4	1
11	Development of Gait Assistive Device Using Pneumatic Artificial Muscle. , 2016, , .		1
12	Acquisition of a peristaltic crawling robot's motion pattern using reinforcement learning. , 2012, , .		0
13	Model predictive control for tendon-driven balloon actuator on simulation. IEJ Transactions on Electrical and Electronic Engineering, 2016, 11, S180-S182.	1.4	0
14	Improvement of tracking performance of disturbance observer-based predictive functional control systems using zero phase error tracking controller. Transactions of the JSME (in Japanese), 2017, 83, 17-00142-17-00142.	0.2	0
15	DEVELOPMENT OF WORM-RACK DRIVEN CYLINDRICAL CRAWLER UNIT. , 2013, , .		0
16	NEW DESIGN OF PERISTALTIC CRAWLING ROBOT WITH AN EARTHWORM MUSCULAR STRUCTURE. , 2013, , .		0
17	Funicular Flexible Crawler. Journal of the Robotics Society of Japan, 2022, 40, 300-303.	0.1	0