

Keiko Homma

List of Publications by Year in descending order

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14
papers

148
citations

2682572

2
h-index

2550090

3
g-index

15
all docs

15
docs citations

15
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating Robotic Devices of Non-Wearable Transferring Aids Using Whole-Body Robotic Simulator of the Elderly. , 2018, , .		4
2	Safety Evaluation Technologies for Defecation Assistance Devices. , 2018, , .		2
3	Development of Safety Testing Technologies of Defecation Assist Devices. Lecture Notes in Computer Science, 2018, , 419-428.	1.3	2
4	Whole-Body Robotic Simulator of the Elderly for Evaluating Robotic Devices for Nursing Care. Lecture Notes in Computer Science, 2018, , 478-487.	1.3	1
5	Sensing device simulating human buttock for the validation of robotic devices for nursing care. , 2017, , .		2
6	A Motion Tracker Using High-Accuracy AR Markers for On-site Motion Analysis. , 2015, , .		1
7	Safety-Function Design for the Control System of a Human-Cooperative Robot Based on Functional Safety of Hardware and Software. IEEE/ASME Transactions on Mechatronics, 2014, 19, 719-729.	5.8	12
8	Humanoid robot as an evaluator of assistive devices. , 2013, , .		32
9	Proposal of architecture and implementation process for IEC61508 compliant, dependable robot systems. , 2012, , .		1
10	RT-component based integration for IEC61508 ready system using SysML and IEC61499 function blocks. , 2012, , .		2
11	A proposal of a method to reduce burden of excretion care using robot technology. , 2009, , .		11
12	Development of Ankle Dorsiflexion/Plantarflexion Exercise Device with Passive Mechanical Joint. , 2007, , .		21
13	Evaluation of heart rate variability by using wavelet transform and a recurrent neural network. , 0, , .		7
14	A wire-driven leg rehabilitation system: development of a 4-DOF experimental system. , 0, , .		50