

Andres Hunt

List of Publications by Year in descending order

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14
papers

166
citations

1937685

4
h-index

2053705

5
g-index

14
all docs

14
docs citations

14
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	An Ionic Polymer Metal Composite (IPMC)-Driven Linear Peristaltic Microfluidic Pump. IEEE Robotics and Automation Letters, 2020, 5, 6788-6795.	5.1	13
2	Enabling actuation and sensing in organs-on-chip using electroactive polymers. , 2020, , .		1
3	Comparison of dynamic characteristics of active sensing methods of Ionic Polymer Metal Composite (IPMC). , 2020, , .		0
4	Active Sensing Methods of Ionic Polymer Metal Composite (IPMC): Comparative Study in Frequency Domain. , 2019, , .		3
5	Sensing and Self-Sensing Actuation Methods for Ionic Polymerâ€“Metal Composite (IPMC): A Review. Sensors, 2019, 19, 3967.	3.8	42
6	P(VDF-TrFE-CTFE) Actuators with Inkjet Printed Electrodes. , 2019, , .		2
7	IPMC Kirigami: A Distributed Actuation Concept. , 2018, , .		1
8	An integrated electroactive polymer sensorâ€“actuator: design, model-based control, and performance characterization. Smart Materials and Structures, 2016, 25, 035016.	3.5	23
9	Low cost anatomically realistic renal biopsy phantoms for interventional radiology trainees. European Journal of Radiology, 2013, 82, 594-600.	2.6	31
10	Development of high fidelity liver and kidney phantom organs for use with robotic surgical systems. , 2012, , .		17
11	Control of an inverted pendulum using an Ionic Polymer-Metal Composite actuator. , 2010, , .		7
12	Feedback Control of a Coupled IPMC (Ionic Polymer-Metal Composite) Sensor-Actuator. , 2009, , .		7
13	A linked manipulator with ion-polymer metal composite (IPMC) joints for soft- and micromanipulation. , 2008, , .		15
14	A multilink manipulator with IPMC joints. Proceedings of SPIE, 2008, , .	0.8	4