

# Andres Hunt

## List of Publications by Year in descending order

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Version: 2024-02-01

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