

# Aaron Yurkewich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4870201/publications.pdf>

Version: 2024-02-01

10  
papers

333  
citations

1478505

6  
h-index

1720034

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

487  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Curvature, Torsion, and Force Sensing in Continuum Robots Using Helically Wrapped FBG Sensors. IEEE Robotics and Automation Letters, 2016, 1, 1052-1059.  | 5.1 | 195       |
| 2  | Hand Extension Robot Orthosis (HERO) Glove: Development and Testing With Stroke Survivors With Severe Hand Impairment. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 916-926. | 4.9 | 45        |
| 3  | Hand Extension Robot Orthosis (HERO) Grip Glove: enabling independence amongst persons with severe hand impairments after stroke. Journal of NeuroEngineering and Rehabilitation, 2020, 17, 33.               | 4.6 | 35        |
| 4  | Myoelectric untethered robotic glove enhances hand function and performance on daily living tasks after stroke. Journal of Rehabilitation and Assistive Technologies Engineering, 2020, 7, 205566832096405.   | 0.9 | 15        |
| 5  | Shape sensing for torsionally compliant concentric-tube robots. Proceedings of SPIE, 2016, , .  | 0.8 | 12        |
| 6  | Sensorization of a surgical robotic instrument for force sensing. Proceedings of SPIE, 2016, , .  | 0.8 | 11        |
| 7  | Model-Based Force Control of a Steerable Ablation Catheter with a Custom-Designed Strain Sensor. , 2013, , .  |     | 9         |
| 8  | A Field Study of Older Adults with Cognitive Impairment using Tablets for Communication at Home. International Journal of Mobile Human Computer Interaction, 2018, 10, 1-30.                                  | 0.4 | 7         |
| 9  | A six-degree-of-freedom robotic system for lower extremity rehabilitation. , 2015, , .  |     | 4         |
| 10 | IPMC tape: Actuated athletic tape for motion and force assistance. , 2017, , .  |     | 0         |