

Ye Ding

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8951992/publications.pdf>

Version: 2024-02-01

11
papers

1,285
citations

1478505

6
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

1337
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Human-in-the-loop optimization of hip assistance with a soft exosuit during walking. Science Robotics, 2018, 3, . | 17.6 | 387 |
| 2 | Pneumatic Energy Sources for Autonomous and Wearable Soft Robotics. Soft Robotics, 2014, 1, 263-274. | 8.0 | 215 |
| 3 | Biomechanical and Physiological Evaluation of Multi-Joint Assistance With Soft Exosuits. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 119-130. | 4.9 | 164 |
| 4 | Effect of timing of hip extension assistance during loaded walking with a soft exosuit. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 87. | 4.6 | 134 |
| 5 | Human-in-the-loop Bayesian optimization of wearable device parameters. PLoS ONE, 2017, 12, e0184054. | 2.5 | 88 |
| 6 | Multi-joint actuation platform for lower extremity soft exosuits. , 2014, , . | | 77 |
| 7 | IMU-based iterative control for hip extension assistance with a soft exosuit. , 2016, , . | | 69 |
| 8 | Improved assistive profile tracking of soft exosuits for walking and jogging with off-board actuation. , 2017, , . | | 58 |
| 9 | A soft exosuit for patients with stroke: Feasibility study with a mobile off-board actuation unit. , 2015, , . | | 55 |
| 10 | Shape Deposition Manufacturing of a Soft, Atraumatic, and Deployable Surgical Grasper. Journal of Mechanisms and Robotics, 2015, 7, . | 2.2 | 37 |
| 11 | Human-in-the-Loop Bayesian Optimization of a Tethered Soft Exosuit for Assisting Hip Extension. Biosystems and Biorobotics, 2019, , 142-146. | 0.3 | 1 |