

# Jonathan Bruce

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10423603/publications.pdf>

Version: 2024-02-01

10  
papers

507  
citations

1937685

4  
h-index

2053705

5  
g-index

10  
all docs

10  
docs citations

10  
times ranked

330  
citing authors

| #  | ARTICLE                                                                                                                                                                          | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Design and control of compliant tensegrity robots through simulation and hardware validation. Journal of the Royal Society Interface, 2014, 11, 20140520.                        | 3.4 | 192       |
| 2  | System design and locomotion of SUPERball, an untethered tensegrity robot. , 2015, , .                                                                                           |     | 99        |
| 3  | Design and evolution of a modular tensegrity robot platform. , 2014, , .                                                                                                         |     | 50        |
| 4  | Deep reinforcement learning for tensegrity robot locomotion. , 2017, , .                                                                                                         |     | 50        |
| 5  | Design of SUPERball v2, a Compliant Tensegrity Robot for Absorbing Large Impacts. , 2018, , .                                                                                    |     | 48        |
| 6  | Learning Tensegrity Locomotion Using Open-Loop Control Signals and Coevolutionary Algorithms. Artificial Life, 2015, 21, 119-140.                                                | 1.3 | 29        |
| 7  | Steerable Locomotion Controller for Six-strut Icosahedral Tensegrity Robots. , 2018, , .                                                                                         |     | 15        |
| 8  | Adaptive tensegrity locomotion: Controlling a compliant icosahedron with symmetry-reduced reinforcement learning. International Journal of Robotics Research, 2021, 40, 375-396. | 8.5 | 13        |
| 9  | Kinodynamic planning for spherical tensegrity locomotion with effective gait primitives. International Journal of Robotics Research, 2019, 38, 1442-1462.                        | 8.5 | 10        |
| 10 | Any-Axis Tensegrity Rolling via Symmetry-Reduced Reinforcement Learning. Springer Proceedings in Advanced Robotics, 2020, , 411-421.                                             | 1.3 | 1         |