

Tatsuya Takemori

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Gait Design for a Snake Robot by Connecting Curve Segments and Experimental Demonstration. IEEE Transactions on Robotics, 2018, 34, 1384-1391. | 10.3 | 69 |
| 2 | Ladder Climbing with a Snake Robot. , 2018, , . | | 34 |
| 3 | Hoop-Passing Motion for a Snake Robot to Realize Motion Transition Across Different Environments. IEEE Transactions on Robotics, 2021, 37, 1696-1711. | 10.3 | 19 |
| 4 | Development of the multifunctional rescue robot FUHGA2 and evaluation at the world robot summit 2018. Advanced Robotics, 2020, 34, 119-131. | 1.8 | 17 |
| 5 | Unified Approach to the Motion Design for a Snake Robot Negotiating Complicated Pipe Structures. Frontiers in Robotics and AI, 2021, 8, 629368. | 3.2 | 14 |
| 6 | Mobile Manipulation Using a Snake Robot in a Helical Gait. IEEE/ASME Transactions on Mechatronics, 2022, 27, 2600-2611. | 5.8 | 11 |
| 7 | Development of Tough Snake Robot Systems. Springer Tracts in Advanced Robotics, 2019, , 267-326. | 0.4 | 10 |
| 8 | Motion Design for a Snake Robot Negotiating Complicated Pipe Structures of a Constant Diameter. , 2020, , . | | 8 |
| 9 | Gait design of a snake robot by connecting simple shapes. , 2016, , . | | 7 |
| 10 | Joint failure recovery for snake robot locomotion using a shape-based approach. Artificial Life and Robotics, 0, , 1. | 1.2 | 5 |
| 11 | Mimebot. , 2016, , . | | 0 |