

Sebastian Bartsch

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

122
citations

1937685

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1872680

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11
docs citations

11
times ranked

109
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Modular Underwater Manipulators for Autonomous Underwater Intervention. Intelligent Systems, Control and Automation: Science and Engineering, 2020, , 95-103. | 0.5 | 1 |
| 2 | Integrated Mechanical, Thermal, Data, and Power Transfer Interfaces for Future Space Robotics. Frontiers in Robotics and AI, 2018, 5, 64. | 3.2 | 4 |
| 3 | Experience-based adaptation of locomotion behaviors for kinematically complex robots in unstructured terrain. , 2015, , . | | 1 |
| 4 | Development, Control, and Empirical Evaluation of the Six-Legged Robot SpaceClimber Designed for Extraterrestrial Crater Exploration. KI - Kunstliche Intelligenz, 2014, 28, 127-131. | 3.2 | 7 |
| 5 | A BEHAVIOR-BASED LIBRARY FOR LOCOMOTION CONTROL OF KINEMATICALLY COMPLEX ROBOTS. , 2013, , . | | 5 |
| 6 | Development of the six-legged walking and climbing robot SpaceClimber. Journal of Field Robotics, 2012, 29, 506-532. | 6.0 | 66 |
| 7 | LUNARES: lunar crater exploration with heterogeneous multi robot systems. Intelligent Service Robotics, 2011, 4, 61-89. | 2.6 | 19 |
| 8 | Realistic simulation of extraterrestrial legged robot in trade-off between accuracy and simulation time. , 2010, , . | | 1 |
| 9 | CESAR: A lunar crater exploration and sample return robot. , 2009, , . | | 10 |
| 10 | Scarabaeus: A Walking Robot Applicable to Sample Return Missions. Communications in Computer and Information Science, 2009, , 128-133. | 0.5 | 6 |
| 11 | Robust control of a humanoid robot using a bio-inspired approach based on central pattern generators, reflexes, and proprioceptive feedback. , 2006, , . | | 2 |