

Wael Saab

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6915097/publications.pdf>

Version: 2024-02-01

12
papers

153
citations

1307594

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1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of coupling mechanism designs for modular reconfigurable robots. <i>Robotica</i> , 2019, 37, 378-403.	1.9	36
2	Robotic tails: a state-of-the-art review. <i>Robotica</i> , 2018, 36, 1263-1277.	1.9	26
3	Design and Integration of a Novel Spatial Articulated Robotic Tail. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019, 24, 434-446.	5.8	23
4	Design, Modeling, and Integration of a Flexible Universal Spatial Robotic Tail. <i>Journal of Mechanisms and Robotics</i> , 2018, 10, .	2.2	21
5	Discrete modular serpentine robotic tail: design, analysis and experimentation. <i>Robotica</i> , 2018, 36, 994-1018.	1.9	15
6	Design of a miniature modular inchworm robot with an anisotropic friction skin. <i>Robotica</i> , 2019, 37, 521-538.	1.9	10
7	Controller Design, Analysis, and Experimental Validation of a Robotic Serpentine Tail to Maneuver and Stabilize a Quadrupedal Robot. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2019, 141, .	1.6	9
8	Wireless telemetry system for real-time estimation of ship air wakes with UAVs. <i>Mechatronics</i> , 2016, 36, 18-26.	3.3	5
9	Design and analysis of a novel planar robotic leg for high-speed locomotion. , 2017, , .		4
10	Modeling and Control of an Articulated Tail for Maneuvering a Reduced Degree of Freedom Legged Robot. , 2018, , .		4
11	A Two-DOF Bipedal Robot Utilizing the Reuleaux Triangle Drive Mechanism. , 2019, , .		0
12	Reuleaux Triangle-Based Two Degrees of Freedom Bipedal Robot. <i>Robotics</i> , 2021, 10, 114.	3.5	0