

Levin Gerdes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1268231/publications.pdf>

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9
papers

100
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	SLAM for autonomous planetary rovers with global localization. Journal of Field Robotics, 2020, 37, 830-847.	6.0	23
2	Dynamic path planning for reconfigurable rovers using a multi-layered grid. Engineering Applications of Artificial Intelligence, 2019, 86, 32-42.	8.1	20
3	Exploring planet geology through force-feedback telemanipulation from orbit. Science Robotics, 2022, 7, eabl6307.	17.6	15
4	Efficient autonomous navigation for planetary rovers with limited resources. Journal of Field Robotics, 2020, 37, 1153-1170.	6.0	14
5	A GNC Architecture for Planetary Rovers with Autonomous Navigation. , 2020, , .		7
6	ANALOG-1 ISS â€œ The first part of an analogue mission to guide ESAâ€™s robotic moon exploration efforts. Open Astronomy, 2022, 31, 5-14.	0.6	7
7	Reconstructing Occluded Elevation Information in Terrain Maps With Self-Supervised Learning. IEEE Robotics and Automation Letters, 2022, 7, 1697-1704.	5.1	7
8	Design, Testing, and Evolution of Mars Rover Testbeds: European Space Agency Planetary Exploration. IEEE Robotics and Automation Magazine, 2022, 29, 10-23.	2.0	5
9	HelioStat Field Layout Optimization with Evolutionary Algorithms. , 0, , .		2