

# Andreas D&Auml;mel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8949736/publications.pdf>

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11  
papers

913  
citations

1478505

6  
h-index

1720034

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g-index

11  
all docs

11  
docs citations

11  
times ranked

1212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Fully Autonomous UAV: Research Platform for Indoor and Outdoor Urban Search and Rescue. IEEE Robotics and Automation Magazine, 2012, 19, 46-56.	2.0	627
2	View Planning for Multi-View Stereo 3D Reconstruction Using an Autonomous Multicopter. Journal of Intelligent and Robotic Systems: Theory and Applications, 2012, 65, 309-323.	3.4	50
3	RAFCON: A graphical tool for engineering complex, robotic tasks. , 2016, , .		46
4	The ARCHES Space-Analogue Demonstration Mission: Towards Heterogeneous Teams of Autonomous Robots for Collaborative Scientific Sampling in Planetary Exploration. IEEE Robotics and Automation Letters, 2020, 5, 5315-5322.	5.1	46
5	Towards Autonomous Planetary Exploration. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 93, 461-494.	3.4	44
6	Toward fully autonomous mobile manipulation for industrial environments. International Journal of Advanced Robotic Systems, 2017, 14, 172988141771858.	2.1	37
7	German Aerospace Center's advanced robotic technology for future lunar scientific missions. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20190574.	3.4	19
8	Mobile manipulation for planetary exploration. , 2018, , .		14
9	The LRU Rover for Autonomous Planetary Exploration and Its Success in the SpaceBotCamp Challenge. , 2016, , .		13
10	Autonomous pick and place operations in industrial production. , 2015, , .		12
11	Autonomous Parallelization of Resource-Aware Robotic Task Nodes. IEEE Robotics and Automation Letters, 2019, 4, 2599-2606.	5.1	5