

# Matthew Klingensmith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6424217/publications.pdf>

Version: 2024-02-01

7  
papers

750  
citations

2258059

3  
h-index

2550090

3  
g-index

7  
all docs

7  
docs citations

7  
times ranked

767  
citing authors

#	ARTICLE	IF	CITATIONS
1	CHOMP: Covariant Hamiltonian optimization for motion planning. International Journal of Robotics Research, 2013, 32, 1164-1193.	8.5	474
2	Chisel: Real Time Large Scale 3D Reconstruction Onboard a Mobile Device using Spatially Hashed Signed Distance Fields. , 0, , .		104
3	An integrated system for autonomous robotics manipulation. , 2012, , .		73
4	Efficient touch based localization through submodularity. , 2013, , .		37
5	Articulated Robot Motion for Simultaneous Localization and Mapping (ARM-SLAM). IEEE Robotics and Automation Letters, 2016, 1, 1156-1163.	5.1	32
6	Large-scale, real-time 3D scene reconstruction on a mobile device. Autonomous Robots, 2017, 41, 1423-1445.	4.8	16
7	The manifold particle filter for state estimation on high-dimensional implicit manifolds. , 2017, , .		14