

# Karthik Desingh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3265615/publications.pdf>

Version: 2024-02-01

8  
papers

94  
citations

2682572

2  
h-index

2917675

2  
g-index

8  
all docs

8  
docs citations

8  
times ranked

65  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semantic Mapping with Simultaneous Object Detection and Localization. , 2018, , .		21
2	Goal-directed robot manipulation through axiomatic scene estimation. International Journal of Robotics Research, 2017, 36, 86-104.	8.5	20
3	Factored Pose Estimation of Articulated Objects using Efficient Nonparametric Belief Propagation. , 2019, , .		19
4	Efficient nonparametric belief propagation for pose estimation and manipulation of articulated objects. Science Robotics, 2019, 4, .	17.6	13
5	Parts-Based Articulated Object Localization in Clutter Using Belief Propagation. , 2020, , .		11
6	Physically plausible scene estimation for manipulation in clutter. , 2016, , .		9
7	Gemsketch: Interactive Image-Guided Geometry Extraction from Point Clouds. , 2018, , .		1
8	TSBP: Tangent Space Belief Propagation for Manifold Learning. IEEE Robotics and Automation Letters, 2020, 5, 6694-6701.	5.1	0