

# Anders Glent Buch

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

429  
citations

1478505

6  
h-index

940533

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

426  
citing authors

#	ARTICLE	IF	CITATIONS
1	BOP: Benchmark for 6D Object Pose Estimation. Lecture Notes in Computer Science, 2018, , 19-35.	1.3	133
2	Pose estimation using local structure-specific shape and appearance context. , 2013, , .		56
3	Solving peg-in-hole tasks by human demonstration and exception strategies. Industrial Robot, 2014, 41, 575-584.	2.1	52
4	In Search of Inliers: 3D Correspondence by Local and Global Voting. , 2014, , .		36
5	A performance evaluation of point pair features. Computer Vision and Image Understanding, 2018, 166, 66-80.	4.7	29
6	Local shape feature fusion for improved matching, pose estimation and 3D object recognition. SpringerPlus, 2016, 5, 297.	1.2	25
7	Refining grasp affordance models by experience. , 2010, , .		23
8	Technologies for the Fast Set-Up of Automated Assembly Processes. KI - Kunstliche Intelligenz, 2014, 28, 305-313.	3.2	17
9	A Large-Scale 3D Object Recognition Dataset. , 2016, , .		9
10	Compensating Pose Uncertainties through Appropriate Gripper Finger Cutouts. Acta Mechanica Et Automatica, 2018, 12, 78-83.	0.6	8
11	Multi-view object instance recognition in an industrial context. Robotica, 2017, 35, 271-292.	1.9	6
12	Towards robot cell matrices for agile production – SDU Robotics' assembly cell at the WRC 2018. Advanced Robotics, 0, , 1-17.	1.8	6
13	Geometric Edge Description and Classification in Point Cloud Data with Application to 3D Object Recognition. , 2015, , .		6
14	A new benchmark for pose estimation with ground truth from virtual reality. Production Engineering, 2014, 8, 745-754.	2.3	5
15	Extended 3D Line Segments from RGB-D Data for Pose Estimation. Lecture Notes in Computer Science, 2013, , 54-65.	1.3	4
16	Ring on the hook: placing a ring on a moving and pendulating hook based on visual input. Industrial Robot, 2011, 38, 301-314.	2.1	3
17	Object detection using categorised 3D edges. Proceedings of SPIE, 2015, , .	0.8	3
18	Object Detection Using a Combination of Multiple 3D Feature Descriptors. Lecture Notes in Computer Science, 2015, , 343-353.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Using surfaces and surface relations in an Early Cognitive Vision system. Machine Vision and Applications, 2015, 26, 933-954.	2.7	2
20	Teach it Yourself - Fast Modeling of Industrial Objects for 6D Pose Estimation. Lecture Notes in Computer Science, 2015, , 289-302.	1.3	1
21	Indoor Objects and Outdoor Urban Scenes Recognition by 3D Visual Primitives. Lecture Notes in Computer Science, 2015, , 270-285.	1.3	1
22	Shape Dependency of ICP Pose Uncertainties in the Context of Pose Estimation Systems. Lecture Notes in Computer Science, 2015, , 303-315.	1.3	1
23	Bridging the Reality Gap for Pose Estimation Networks using Sensor-Based Domain Randomization. , 2021, , .		1
24	Supervised Object Class Colour Normalisation. Lecture Notes in Computer Science, 2013, , 611-619.	1.3	0