

Anders Glent Buch

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

429
citations

1478505

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25
all docs

25
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25
times ranked

426
citing authors

#	ARTICLE	IF	CITATIONS
1	Bridging the Reality Gap for Pose Estimation Networks using Sensor-Based Domain Randomization. , 2021, , .		1
2	A performance evaluation of point pair features. Computer Vision and Image Understanding, 2018, 166, 66-80.	4.7	29
3	BOP: Benchmark for 6D Object Pose Estimation. Lecture Notes in Computer Science, 2018, , 19-35.	1.3	133
4	Compensating Pose Uncertainties through Appropriate Gripper Finger Cutouts. Acta Mechanica Et Automatica, 2018, 12, 78-83.	0.6	8
5	Multi-view object instance recognition in an industrial context. Robotica, 2017, 35, 271-292.	1.9	6
6	A Large-Scale 3D Object Recognition Dataset. , 2016, , .		9
7	Local shape feature fusion for improved matching, pose estimation and 3D object recognition. SpringerPlus, 2016, 5, 297.	1.2	25
8	Object detection using categorised 3D edges. Proceedings of SPIE, 2015, , .	0.8	3
9	Teach it Yourself - Fast Modeling of Industrial Objects for 6D Pose Estimation. Lecture Notes in Computer Science, 2015, , 289-302.	1.3	1
10	Object Detection Using a Combination of Multiple 3D Feature Descriptors. Lecture Notes in Computer Science, 2015, , 343-353.	1.3	2
11	Using surfaces and surface relations in an Early Cognitive Vision system. Machine Vision and Applications, 2015, 26, 933-954.	2.7	2
12	Geometric Edge Description and Classification in Point Cloud Data with Application to 3D Object Recognition. , 2015, , .		6
13	Indoor Objects and Outdoor Urban Scenes Recognition by 3D Visual Primitives. Lecture Notes in Computer Science, 2015, , 270-285.	1.3	1
14	Shape Dependency of ICP Pose Uncertainties in the Context of Pose Estimation Systems. Lecture Notes in Computer Science, 2015, , 303-315.	1.3	1
15	Technologies for the Fast Set-Up of Automated Assembly Processes. KI - Kunstliche Intelligenz, 2014, 28, 305-313.	3.2	17
16	In Search of Inliers: 3D Correspondence by Local and Global Voting. , 2014, , .		36
17	A new benchmark for pose estimation with ground truth from virtual reality. Production Engineering, 2014, 8, 745-754.	2.3	5
18	Solving peg-in-hole tasks by human demonstration and exception strategies. Industrial Robot, 2014, 41, 575-584.	2.1	52

#	ARTICLE	IF	CITATIONS
19	Pose estimation using local structure-specific shape and appearance context. , 2013, , .		56
20	Extended 3D Line Segments from RGB-D Data for Pose Estimation. Lecture Notes in Computer Science, 2013, , 54-65.	1.3	4
21	Supervised Object Class Colour Normalisation. Lecture Notes in Computer Science, 2013, , 611-619.	1.3	0
22	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
23	Refining grasp affordance models by experience. , 2010, , .		23
24	Towards robot cell matrices for agile production – SDU Robotics' assembly cell at the WRC 2018. Advanced Robotics, 0, , 1-17.	1.8	6