Hans JÃ¸rgen Andersen

List of Publications by Year
in descending order

39 papers	**747** citations	933447 **10** h-index	794594 **19** g-index
39 all docs	**39** docs citations	**39** times ranked	**782** citing authors

#	Article	IF	Citations
1	A framework for interactive human–robot design exploration. International Journal of Architectural Computing, 2020, 18, 235-253.	1.5	1
2	Player collaboration in the explorative sound environment ToneInk. International Journal of Arts and Technology, 2016, 9, 145.	0.1	0
3	Hybrid Cemetery Culture: Making Death Matter in Cultural Heritage Using Smart Mobile Technologies. , 2015, , .		6
4	Detecting creeping thistle in sugar beet fields using vegetation indices. Computers and Electronics in Agriculture, 2015, 112, 10-19.	7.7	60
5	A comparison of interest point and region detectors on structured, range and texture images. Journal of Visual Communication and Image Representation, 2015, 32, 156-169.	2.8	6
6	Exploiting affine invariant regions and leaf edge shapes for weed detection. Computers and Electronics in Agriculture, 2015, 118, 290-299.	7.7	44
7	Indoor and outdoor depth imaging of leaves with time-of-flight and stereo vision sensors: Analysis and comparison. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 88, 128-146.	11.1	99
8	Responsive lighting. , 2013, , .		14
9	An Autonomous Robotic System for Mapping Weeds in Fields. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 217-224.	0.4	16
10	How two players negotiate rhythm in a shared rhythm game. , 2012, , .		0
11	Controlling urban lighting by human motion patterns results from a full scale experiment. , 2012, , .		9
12	Modeling vibrotactile detection by logistic regression. , 2012, , .		8
13	Urban Vibrations: Sensitivities in the Field with a Broad Demographic. , 2012, , .		10
14	Using Human Motion Intensity as Input for Urban Design. Communications in Computer and Information Science, 2012, , 128-136.	0.5	2
15	Adaptive Human-Aware Robot Navigation in Close Proximity to Humans. International Journal of Advanced Robotic Systems, 2011, 8, 21.	2.1	20
16	Minimising computational complexity of the RRT algorithm a practical approach. , 2011, , .		18
17	Fast and Efficient Local Features Detection for Building Recognition. Studies in Computational Intelligence, 2011, , 87-104.	0.9	0
18	Trajectory planning for robots in dynamic human environments. , 2010, , .		70

#	Article	IF	Citations
19	Street navigation using visual information on mobile phones. , 2010, , .		1
20	Practical evaluation of robots for elderly in denmark. , 2010, , .		7
21	Adaptive human aware navigation based on motion pattern analysis. , 2009, , .		28
22	Context-Based Adaptive Filtering of Interest Points in Image Retrieval. , 2009, , .		2
23	Pose estimation and adaptive robot behaviour for human-robot interaction. , 2009, , .		43
24	Estimation of leaf area index in cereal crops using redâ€"green images. Biosystems Engineering, 2009, 104, 308-317.	4.3	52
25	Pilot Study of Person Robot Interaction in a Public Transit Space. Communications in Computer and Information Science, 2009, , 96-106.	0.5	3
26	Adaptive Robot to Person Encounter by Motion Patterns. Communications in Computer and Information Science, 2009, , 1-11.	0.5	1
27	Urban building recognition during significant temporal variations. , 2008, , .		4
28	Uniqueness Filtering for Local Feature Descriptors in Urban Building Recognition. Lecture Notes in Computer Science, 2008, , 85-93.	1.3	2
29	Ground truth evaluation of computer vision based 3D reconstruction of synthesized and real plant images. Precision Agriculture, 2007, 8, 49-62.	6.0	10
30	Estimation of canopy structure parameters from multiangular measurements of scattering components. , 2006, , .		1
31	Noise characterization of weighting schemes for combination of multiple exposures. , 2006, , .		22
32	Geometric plant properties by relaxed stereo vision using simulated annealing. Computers and Electronics in Agriculture, 2005, 49, 219-232.	7.7	62
33	The potential of using robotics in data acquisition from multiple sensors. , 2005, , .		1
34	Tracking regions of human skin through illumination changes. Pattern Recognition Letters, 2003, 24, 1715-1723.	4.2	28
35	Evaluation of an imaging sensor for detecting vegetation using different waveband combinations. Computers and Electronics in Agriculture, 2001, 32, 101-117.	7.7	22
36	Physics-based modelling of human skin colour under mixed illuminants. Robotics and Autonomous Systems, 2001, 35, 131-142.	5.1	42

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37	Design and operation of an imaging sensor for detecting vegetation. International Journal of Imaging Systems and Technology, 2000, 11, 144-151.	4.1	7
38	Classifying the illumination condition from two light sources by color histogram assessment. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2000, 17, 667.	1.5	10
39	Estimation of the illuminant colour from human skin colour. , 0, , .		16