

# Juho Kannala

## List of Publications by Year in descending order

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24  
papers

643  
citations

1478505

6  
h-index

1474206

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g-index

24  
all docs

24  
docs citations

24  
times ranked

578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning to Play Imperfect-Information Games by Imitating an Oracle Planner. IEEE Transactions on Games, 2022, 14, 262-272.	1.4	0
2	Interpolation consistency training for semi-supervised learning. Neural Networks, 2022, 145, 90-106.	5.9	113
3	Electrostatic Discovery Atomic Force Microscopy. ACS Nano, 2022, 16, 89-97.	14.6	11
4	Interpolated Adversarial Training: Achieving robust neural networks without sacrificing too much accuracy. Neural Networks, 2022, 154, 218-233.	5.9	10
5	Bridging the Gap Between Paired and Unpaired Medical Image Translation. Lecture Notes in Computer Science, 2021, , 35-44.	1.3	5
6	Towards Photographic Image Manipulation with Balanced Growing of Generative Autoencoders. , 2020, , .		8
7	MAMBA: Adaptive and Bi-directional Data Transfer for Reliable Camera-display Communication. , 2020, , .		1
8	Automated structure discovery in atomic force microscopy. Science Advances, 2020, 6, eaay6913.	10.3	71
9	Digging Deeper Into Egocentric Gaze Prediction. , 2019, , .		16
10	Multi-View Stereo by Temporal Nonparametric Fusion. , 2019, , .		44
11	Pioneer Networks: Progressively Growing Generative Autoencoder. Lecture Notes in Computer Science, 2019, , 22-38.	1.3	9
12	Unstructured Multi-view Depth Estimation Using Mask-Based Multiplane Representation. Lecture Notes in Computer Science, 2019, , 54-66.	1.3	2
13	DEEP LEARNING BASED SPEED ESTIMATION FOR CONSTRAINING STRAPDOWN INERTIAL NAVIGATION ON SMARTPHONES. , 2018, , .		31
14	Accurate 3-D Reconstruction with RGB-D Cameras using Depth Map Fusion and Pose Refinement. , 2018, , .		5
15	Inertial Odometry on Handheld Smartphones. , 2018, , .		35
16	Robust Gyroscope-Aided Camera Self-Calibration. , 2018, , .		2
17	Bottom-Up Attention Guidance for Recurrent Image Recognition. , 2018, , .		3
18	PIVO: Probabilistic Inertial-Visual Odometry for Occlusion-Robust Navigation. , 2018, , .		24

#	ARTICLE	IF	CITATIONS
19	ADVIO: An Authentic Dataset for Visual-Inertial Odometry. Lecture Notes in Computer Science, 2018, , 425-440.	1.3	41
20	Siamese network features for image matching. , 2016, , .		172
21	Robust loop closures for scene reconstruction by combining odometry and visual correspondences. , 2016, , .		6
22	Parallax correction via disparity estimation in a multi-aperture camera. Machine Vision and Applications, 2016, 27, 1313-1323.	2.7	1
23	Cell proposal network for microscopy image analysis. , 2016, , .		12
24	Joint cell segmentation and tracking using cell proposals. , 2016, , .		21