

# Martin Lillholm

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11677095/publications.pdf>

Version: 2024-02-01

22  
papers

1,024  
citations

687363

13  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1663  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsupervised Deep Learning Applied to Breast Density Segmentation and Mammographic Risk Scoring. IEEE Transactions on Medical Imaging, 2016, 35, 1322-1331.	8.9	360
2	Differential diagnosis of mild cognitive impairment and Alzheimer's disease using structural MRI cortical thickness, hippocampal shape, hippocampal texture, and volumetry. NeuroImage: Clinical, 2017, 13, 470-482.	2.7	134
3	Automatic segmentation of high- and low-field knee MRIs using knee image quantification with data from the osteoarthritis initiative. Journal of Medical Imaging, 2015, 2, 024001.	1.5	86
4	Developing and validating COVID-19 adverse outcome risk prediction models from a bi-national European cohort of 5594 patients. Scientific Reports, 2021, 11, 3246.	3.3	62
5	Sensitivity of screening mammography by density and texture: a cohort study from a population-based screening program in Denmark. Breast Cancer Research, 2019, 21, 111.	5.0	50
6	Feature-Based Image Analysis. International Journal of Computer Vision, 2003, 52, 73-95.	15.6	46
7	An Artificial Intelligence-based Mammography Screening Protocol for Breast Cancer: Outcome and Radiologist Workload. Radiology, 2022, 304, 41-49.	7.3	43
8	Mammographic density and structural features can individually and jointly contribute to breast cancer risk assessment in mammography screening: a case-control study. BMC Cancer, 2016, 16, 414.	2.6	34
9	Impact of adding breast density to breast cancer risk models: A systematic review. European Journal of Radiology, 2020, 127, 109019.	2.6	33
10	Mammographic texture resemblance generalizes as an independent risk factor for breast cancer. Breast Cancer Research, 2014, 16, R37.	5.0	31
11	The combined effect of mammographic texture and density on breast cancer risk: a cohort study. Breast Cancer Research, 2018, 20, 36.	5.0	28
12	Screening mammography: benefit of double reading by breast density. Breast Cancer Research and Treatment, 2018, 171, 767-776.	2.5	23
13	Hypotheses for Image Features, Icons and Textons. International Journal of Computer Vision, 2006, 70, 213-230.	15.6	11
14	Automatic Quantification of Tibio-Femoral Contact Area and Congruity. IEEE Transactions on Medical Imaging, 2012, 31, 1404-1412.	8.9	11
15	On Subregional Analysis of Cartilage Loss from Knee MRI. Cartilage, 2013, 4, 121-130.	2.7	11
16	Feature category systems for 2nd order local image structure induced by natural image statistics and otherwise. , 2007, , .		10
17	Statistics and category systems for the shape index descriptor of local 2nd order natural image structure. Image and Vision Computing, 2009, 27, 771-781.	4.5	9
18	Risk stratification of women with false-positive test results in mammography screening based on mammographic morphology and density: A case control study. Cancer Epidemiology, 2017, 49, 53-60.	1.9	9

#	ARTICLE	IF	CITATIONS
19	Predicting knee cartilage loss using adaptive partitioning of cartilage thickness maps. Computers in Biology and Medicine, 2013, 43, 1045-1052.	7.0	8
20	A framework for optimizing measurement weight maps to minimize the required sample size. Medical Image Analysis, 2010, 14, 255-264.	11.6	4
21	Change in mammographic density across birth cohorts of Dutch breast cancer screening participants. International Journal of Cancer, 2019, 145, 2954-2962.	5.1	4
22	Gaussian Scale Space from Insufficient Image Information. Lecture Notes in Computer Science, 2003, , 757-769.	1.3	1