Martin Lillholm

List of Publications by Year
in descending order

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	An Artificial Intelligenceâ€“based Mammography Screening Protocol for Breast Cancer: Outcome and Radiologist Workload. Radiology, 2022, 304, 41-49.	7.3	43
2	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
3	Impact of adding breast density to breast cancer risk models: A systematic review. European Journal of Radiology, 2020, 127, 109019.	2.6	33
4	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
5	Change in mammographic density across birth cohorts of Dutch breast cancer screening participants. International Journal of Cancer, 2019, 145, 2954-2962.	5.1	4
6	Screening mammography: benefit of double reading by breast density. Breast Cancer Research and Treatment, 2018, 171, 767-776.	2.5	23
7	The combined effect of mammographic texture and density on breast cancer risk: a cohort study. Breast Cancer Research, 2018, 20, 36.	5.0	28
8	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
9	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
10	Unsupervised Deep Learning Applied to Breast Density Segmentation and Mammographic Risk Scoring. IEEE Transactions on Medical Imaging, 2016, 35, 1322-1331.	8.9	360
11	Mammographic density and structural features can individually and jointly contribute to breast cancer risk assessment in mammography screening: a caseâ€“control study. BMC Cancer, 2016, 16, 414.	2.6	34
12	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
13	Mammographic texture resemblance generalizes as an independent risk factor for breast cancer. Breast Cancer Research, 2014, 16, R37.	5.0	31
14	Predicting knee cartilage loss using adaptive partitioning of cartilage thickness maps. Computers in Biology and Medicine, 2013, 43, 1045-1052.	7.0	8
15	On Subregional Analysis of Cartilage Loss from Knee MRI. Cartilage, 2013, 4, 121-130.	2.7	11
16	Automatic Quantification of Tibio-Femoral Contact Area and Congruity. IEEE Transactions on Medical Imaging, 2012, 31, 1404-1412.	8.9	11
17	A framework for optimizing measurement weight maps to minimize the required sample size. Medical Image Analysis, 2010, 14, 255-264.	11.6	4
18	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

#	Article	IF	Citations
19	Feature category systems for 2nd order local image structure induced by natural image statistics and otherwise. , 2007, , .		10
20	Hypotheses for Image Features, Icons and Textons. International Journal of Computer Vision, 2006, 70, 213-230.	15.6	11
21	Feature-Based Image Analysis. International Journal of Computer Vision, 2003, 52, 73-95.	15.6	46
22	Gaussian Scale Space from Insufficient Image Information. Lecture Notes in Computer Science, 2003, , 757-769.	1.3	1