Fredrik Strand

List of Publications by Year
in descending order

28	1,307	687220 13	477173 29
papers	citations	h-index	g-index

31	31	31	1491
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of Combined Artificial Intelligence and Radiologist Assessment to Interpret Screening Mammograms. JAMA Network Open, 2020, 3, e200265.	2.8	236
2	Common and unique components of inhibition and working memory: An fMRI, within-subjects investigation. Neuropsychologia, 2008, 46, 2668-2682.	0.7	178
3	External Evaluation of 3 Commercial Artificial Intelligence Algorithms for Independent Assessment of Screening Mammograms. JAMA Oncology, 2020, 6, 1581.	3.4	148
4	Effect of artificial intelligence-based triaging of breast cancer screening mammograms on cancer detection and radiologist workload: a retrospective simulation study. The Lancet Digital Health, 2020, 2, e468-e474.	5.9	122
5	Toward robust mammography-based models for breast cancer risk. Science Translational Medicine, 2021, 13, .	5.8	100
6	Comparison of a Deep Learning Risk Score and Standard Mammographic Density Score for Breast Cancer Risk Prediction. Radiology, 2020, 294, 265-272.	3.6	98
7	Multi-Institutional Validation of a Mammography-Based Breast Cancer Risk Model. Journal of Clinical Oncology, 2022, 40, 1732-1740.	0.8	71
8	Phonological working memory with auditory presentation of pseudo-words â€" An event related fMRI Study. Brain Research, 2008, 1212, 48-54.	1.1	65
9	A Multi-million Mammography Image Dataset and Population-Based Screening Cohort for the Training and Evaluation of Deep Neural Networksâ€"the Cohort of Screen-Aged Women (CSAW). Journal of Digital Imaging, 2020, 33, 408-413.	1.6	46
10	Identification of Women at High Risk of Breast Cancer Who Need Supplemental Screening. Radiology, 2020, 297, 327-333.	3.6	40
11	Optimizing risk-based breast cancer screening policies with reinforcement learning. Nature Medicine, 2022, 28, 136-143.	15.2	34
12	Range of Radiologist Performance in a Population-based Screening Cohort of 1 Million Digital Mammography Examinations. Radiology, 2020, 297, 33-39.	3.6	21
13	Novel mammographic image features differentiate between interval and screen-detected breast cancer: a case-case study. Breast Cancer Research, 2016, 18, 100.	2.2	17
14	Breast MRI during Neoadjuvant Chemotherapy: Lack of Background Parenchymal Enhancement Suppression and Inferior Treatment Response. Radiology, 2021, 301, 295-308.	3.6	17
15	The future of breast cancer screening: what do participants in a breast cancer screening program think about automation using artificial intelligence?. Acta Radiologica Open, 2019, 8, 205846011988031.	0.3	16
16	Localized mammographic density is associated with interval cancer and large breast cancer: a nested case-control study. Breast Cancer Research, 2019, 21, 8.	2.2	13
17	Widespread Parenchymal Abnormalities and Pulmonary Embolism on Contrast-Enhanced CT Predict Disease Severity and Mortality in Hospitalized COVID-19 Patients. Frontiers in Medicine, 2021, 8, 666723.	1.2	11
18	Long-term prognostic implications of risk factors associated with tumor size: a case study of women regularly attending screening. Breast Cancer Research, 2018, 20, 31.	2.2	10

#	Article	IF	Citations
19	Predictive Value of Breast MRI Background Parenchymal Enhancement for Neoadjuvant Treatment Response among HER2â˜† Patients. Journal of Breast Imaging, 2020, 2, 352-360.	0.5	10
20	The association between breast cancer risk factors and background parenchymal enhancement at dynamic contrast-enhanced breast MRI. Acta Radiologica, 2020, 61, 1600-1607.	0.5	8
21	Comparison of Segmentation Methods in Assessing Background Parenchymal Enhancement as a Biomarker for Response to Neoadjuvant Therapy. Tomography, 2020, 6, 101-110.	0.8	8
22	Discontinuation of adjuvant hormone therapy among breast cancer patients not previously attending mammography screening. BMC Medicine, 2019, 17, 24.	2.3	7
23	Decoupling Inherent Risk and Early Cancer Signs in Image-Based Breast Cancer Risk Models. Lecture Notes in Computer Science, 2020, , 230-240.	1.0	7
24	Longitudinal fluctuation in mammographic percent density differentiates between interval and screenâ€detected breast cancer. International Journal of Cancer, 2017, 140, 34-40.	2.3	6
25	Breast cancer imaging - A rapidly evolving discipline. Breast, 2019, 46, 58-63.	0.9	6
26	Negative effects of iodine-based contrast agent on renal function in patients with moderate reduced renal function hospitalized for COVID-19. BMC Nephrology, 2021, 22, 297.	0.8	5
27	Derived mammographic masking measures based on simulated lesions predict the risk of interval cancer after controlling for known risk factors: a caseâ€case analysis. Medical Physics, 2019, 46, 1309-1316.	1.6	2
28	A Call for Controlled Validation Data Sets: Promoting the Safe Introduction of Artificial Intelligence in Breast Imaging. Journal of the American College of Radiology, 2021, 18, 1564-1565.	0.9	1