Eva M Fallenberg

List of Publications by Year
in descending order

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78 papers	3,841 citations	147801 31 h-index	128289 60 g-index
92 all docs	92 docs citations	92 times ranked	3043 citing authors

#	Article	IF	Citations
1	Breast MRI: EUSOBI recommendations for womenâ€™s information. European Radiology, 2015, 25, 3669-3678.	4.5	330
2	Contrast-enhanced spectral mammography versus MRI: Initial results in the detection of breast cancer and assessment of tumour size. European Radiology, 2014, 24, 256-264.	4.5	269
3	Multiâ€“Detector Row CT of Left Ventricular Function with Dedicated Analysis Software versus MR Imaging: Initial Experience. Radiology, 2004, 230, 403-410.	7.3	244
4	Second International Consensus Conference on lesions of uncertain malignant potential in the breast (B3 lesions). Breast Cancer Research and Treatment, 2019, 174, 279-296.	2.5	179
5	Dual-energy contrast-enhanced digital mammography: initial clinical results of a multireader, multicase study. Breast Cancer Research, 2012, 14, R94.	5.0	174
6	Contrast-enhanced spectral mammography vs. mammography and MRI â€“ clinical performance in a multi-reader evaluation. European Radiology, 2017, 27, 2752-2764.	4.5	166
7	Using ECG-Gated Multidetector CT to Evaluate Global Left Ventricular Myocardial Function in Patients with Coronary Artery Disease. American Journal of Roentgenology, 2002, 179, 1545-1550.	2.2	141
8	Breast cancer screening in women with extremely dense breasts recommendations of the European Society of Breast Imaging (EUSOBI). European Radiology, 2022, 32, 4036-4045.	4.5	137
9	Evaluation of contrast-enhanced digital mammography. European Journal of Radiology, 2011, 78, 112-121.	2.6	112
10	Evaluation of Global Left Ventricular Myocardial Function with Electrocardiogram-Gated Multidetector Computed Tomography. Investigative Radiology, 2003, 38, 653-661.	6.2	108
11	Contrast-enhanced spectral mammography: Does mammography provide additional clinical benefits or can some radiation exposure be avoided?. Breast Cancer Research and Treatment, 2014, 146, 371-381.	2.5	99
12	Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Into Imaging, 2020, 11, 12.	3.4	96
13	The effect of dynamic, semi-rigid implants on the range of motion of lumbar motion segments after decompression. European Spine Journal, 2008, 17, 1057-1065.	2.2	95
14	Breast ultrasound: recommendations for information to women and referring physicians by the European Society of Breast Imaging. Insights Into Imaging, 2018, 9, 449-461.	3.4	95
15	High-risk breast cancer surveillance with MRI: 10-year experience from the German consortium for hereditary breast and ovarian cancer. Breast Cancer Research and Treatment, 2019, 175, 217-228.	2.5	94
16	Assessment of coronary artery stents using 16-slice MDCT angiography: evaluation of a dedicated reconstruction kernel and a noise reduction filter. European Radiology, 2005, 15, 721-726.	4.5	87
17	Comparison of sensitivity and reading time for the use of computer-aided detection (CAD) of pulmonary nodules at MDCT as concurrent or second reader. European Radiology, 2007, 17, 2941-2947.	4.5	84
18	Mammography: an update of the EUSOBI recommendations on information for women. Insights Into Imaging, 2017, 8, 11-18.	3.4	78

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19	Do Highly Concentrated Gadolinium Chelates Improve MR Brain Perfusion Imaging? Intraindividually Controlled Randomized Crossover Concentration Comparison Study of 0.5 versus 1.0 mol/L Gadobutrol. Radiology, 2003, 226, 880-888.	7.3	74
20	Assessment of coronary arterial stents by multislice-CT angiography. Acta Radiologica, 2003, 44, 597-603.	1.1	66
21	Interdisciplinary Screening, Diagnosis, Therapy and Follow-up of Breast Cancer. Guideline of the DGGG and the DKG (S3-Level, AWMF Registry Number 032/045OL, December 2017) â€“ Part 1 with Recommendations for the Screening, Diagnosis and Therapy of Breast Cancer. Geburtshilfe Und Frauenheilkunde, 2018, 78, 927-948.	1.8	59
22	Radical Resection of Cardiac Sarcoma. Thoracic and Cardiovascular Surgeon, 2004, 52, 77-81.	1.0	51
23	Axillary lymphadenopathy at the time of COVID-19 vaccination: ten recommendations from the European Society of Breast Imaging (EUSOBI). Insights Into Imaging, 2021, 12, 119.	3.4	51
24	AGO Recommendations for the Diagnosis and Treatment of Patients with Early Breast Cancer: Update 2021. Breast Care, 2021, 16, 214-227.	1.4	51
25	Detection and classification of contrastâ€enhancing masses by a fully automatic computerâ€assisted diagnosis system for breast MRI. Journal of Magnetic Resonance Imaging, 2012, 35, 1077-1088.	3.4	47
26	AGO Recommendations for the Diagnosis and Treatment of Patients with Locally Advanced and Metastatic Breast Cancer: Update 2020. Breast Care, 2020, 15, 294-309.	1.4	47
27	Multi-detector row computed tomography of the heart: does a multi-segment reconstruction algorithm improve left ventricular volume measurements?. European Radiology, 2005, 15, 111-117.	4.5	40
28	Flat epithelial atypia is a common subtype of B3 breast lesions and is associated with noninvasive cancer but not with invasive cancer in final excision histology. Human Pathology, 2010, 41, 522-527.	2.0	40
29	Intraductal papillomas of the breast: Diagnosis and management of 151 patients. Breast, 2011, 20, 501-504.	2.2	40
30	Development of Low-Dose Photon-counting Contrast-enhanced Tomosynthesis with Spectral Imaging. Radiology, 2011, 259, 558-564.	7.3	37
31	The Position of the Aorta Relative to the Spine Before and After Anterior Instrumentation in Right Thoracic Scoliosis. Spine, 2006, 31, 1706-1713.	2.0	35
32	Breast cancer risk in BRCA1/2 mutation carriers and noncarriers under prospective intensified surveillance. International Journal of Cancer, 2020, 146, 999-1009.	5.1	32
33	Breast Implant-Associated Lymphoma. Deutsches Ärzteblatt International, 2018, 115, 628-635.	0.9	30
34	Leiomyosarcoma of the pulmonary artery â€” a diagnostic chameleon. European Journal of Cardio-thoracic Surgery, 2001, 20, 1049-1051.	1.4	29
35	Coronary artery aneurysm and type-A aortic dissection demonstrated by retrospectively ECG-gated multislice spiral CT. European Radiology, 2002, 12, 201-204.	4.5	27
36	Anterior Dual Rod Instrumentation in Idiopathic Thoracic Scoliosis. Spine, 2005, 30, 2078-2083.	2.0	27

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37	Report of a metaplastic carcinoma of the breast with multi-directional differentiation: an adenoid cystic carcinoma, a spindle cell carcinoma and melanoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2008, 452, 575-579.	2.8	25
38	Correlation of contrast agent kinetics between iodinated contrast-enhanced spectral tomosynthesis and gadolinium-enhanced MRI of breast lesions. European Radiology, 2013, 23, 1528-1536.	4.5	21
39	Comparison of Gadoteric Acid and Gadobutrol for Detection as Well as Morphologic and Dynamic Characterization of Lesions on Breast Dynamic Contrast-Enhanced Magnetic Resonance Imaging. Investigative Radiology, 2014, 49, 474-484.	6.2	21
40	Intraindividual, randomized comparison of the macrocyclic contrast agents gadobutrol and gadoterate meglumine in breast magnetic resonance imaging. European Radiology, 2015, 25, 837-849.	4.5	21
41	Digital breast tomosynthesis versus full-field digital mammographyâ€"Which modality provides more accurate prediction of margin status in specimen radiography?. European Journal of Radiology, 2017, 93, 258-264.	2.6	21
42	Diagnostic performance of a near-infrared breast imaging system as adjunct to mammography versus X-ray mammography alone. European Radiology, 2012, 22, 350-357.	4.5	20
43	Volumetric breast composition analysis: reproducibility of breast percent density and fibroglandular tissue volume measurements in serial mammograms. Acta Radiologica, 2014, 55, 32-38.	1.1	20
44	AGO Recommendations for the Diagnosis and Treatment of Patients with Locally Advanced and Metastatic Breast Cancer: Update 2021. Breast Care, 2021, 16, 228-235.	1.4	20
45	AGO Recommendations for the Surgical Therapy of the Axilla After Neoadjuvant Chemotherapy: 2021 Update. Geburtshilfe Und Frauenheilkunde, 2021, 81, 1112-1120.	1.8	17
46	Intraoperative Specimen Radiography in Patients with Nonpalpable Malignant Breast Lesions. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2012, 184, 635-642.	1.3	16
47	Volumetric Breast Density Assessment: Reproducibility in Serial Examinations and Comparison with Visual Assessment. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2013, 185, 844-848.	1.3	16
48	Assessment of intracranial meningiomaâ€eassociated calcifications using susceptibilityâ€weighted MRI. Journal of Magnetic Resonance Imaging, 2017, 46, 1177-1186.	3.4	16
49	Pharmacokinetic Approach for Dynamic Breast MRI to Indicate Signal Intensity Time Curves of Benign and Malignant Lesions by Using the Tumor Flow Residence Time. Investigative Radiology, 2013, 48, 69-78.	6.2	15
50	Response to neoadjuvant treatment of invasive ductal breast carcinomas including outcome evaluation: MRI analysis by an automatic CAD system in comparison to visual evaluation. Acta OncolÃ³gica, 2014, 53, 759-768.	1.8	15
51	Image processing improvements afford second-generation handheld optoacoustic imaging of breast cancer patients. Photoacoustics, 2022, 26, 100343.	7.8	14
52	Evaluation of tomosynthesis elastography in a breast-mimicking phantom. European Journal of Radiology, 2012, 81, 2169-2173.	2.6	13
53	Evaluation of vertebral body fractures using susceptibility-weighted magnetic resonance imaging. European Radiology, 2018, 28, 2228-2235.	4.5	13
54	Multislice Cardiac Spiral CT Evaluation of Atypical Hypertrophic Cardiomyopathy with a Calcified Left Ventricular Thrombus. Journal of Computer Assisted Tomography, 2000, 24, 688-690.	0.9	12

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55	Evaluation of sclerosis in Modic changes of the spine using susceptibility-weighted magnetic resonance imaging. European Journal of Radiology, 2017, 88, 148-154.	2.6	12
56	Volumetric quantification of the effect of aging and hormone replacement therapy on breast composition from digital mammograms. European Journal of Radiology, 2014, 83, 1092-1097.	2.6	10
57	Diagnostic accuracy of susceptibility-weighted magnetic resonance imaging for the evaluation of pineal gland calcification. PLoS ONE, 2017, 12, e0172764.	2.5	10
58	Optimization of contrast-enhanced spectral mammography depending on clinical indication. Journal of Medical Imaging, 2014, 1, 033506.	1.5	9
59	Contribution of CAD to the Sensitivity for Detecting Lung Metastases on Thin-Section CT â€“ A Prospective Study with Surgical and Histopathological Correlation. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2020, 192, 65-73.	1.3	9
60	AGO Recommendations for the Diagnosis and Treatment of Patients with Locally Advanced and Metastatic Breast Cancer: Update 2022. Breast Care, 2022, 17, 421-429.	1.4	9
61	MRI of the Breast as Part of the Assessment in Population-Based Mammography Screening. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2013, 185, 849-856.	1.3	8
62	Impact of Magnification Views on the CharacterizationÂof Microcalcifications in Digital Mammography. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2014, 186, 274-280.	1.3	8
63	Correlation between enhancement characteristics of MR mammography and capillary density of breast lesions. European Journal of Radiology, 2014, 83, 2129-2136.	2.6	6
64	Echocardiographic diagnosis, management and monitoring of pulmonary embolism with right heart thrombus in a patient with myotonic dystrophy: a case report. Cardiovascular Ultrasound, 2010, 8, 18.	1.6	5
65	Factors affecting the rate of false positive marks in CAD in full-field digital mammography. European Journal of Radiology, 2012, 81, e844-e848.	2.6	5
66	MRI for the detection of calcific features of vertebral haemangioma. Clinical Radiology, 2017, 72, 692.e1-692.e7.	1.1	5
67	Detection of vessel wall calcifications in vertebral arteries using susceptibility weighted imaging. Neuroradiology, 2017, 59, 861-872.	2.2	5
68	Ventricular lateral wall rupture after myocardial infarction detected by means of multislice computed tomography. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 226-227.	0.8	4
69	Intra-individual Comparison of Average Glandular Dose of Two Digital Mammography Units using Different Anode/Filter Combinations. Academic Radiology, 2009, 16, 1272-1280.	2.5	4
70	Dislocability of Localization Devices for Nonpalpable Breast Lesions: Experimental Results. Radiology Research and Practice, 2014, 2014, 1-4.	1.3	3
71	Qualitative JPEG 2000 Compression in Digital Mammography â€“ Evaluation Using 480 Mammograms of the CDMAM Phantom. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2011, 183, 650-657.	1.3	2
72	Digital Analysis in Breast Imaging. Breast Care, 2019, 14, 142-150.	1.4	2

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73	Hierarchical Multi-Resolution Graph-Cuts for Water-Fat-Silicone Separation in Breast MRI. IEEE Transactions on Medical Imaging, 2022, 41, 3253-3265.	8.9	2
74	Two-Center Clinical Study on the Effect of Chronic Renal Impairment on Safety of Iopromide 300 mg Iodine/ml. Academic Radiology, 2002, 9, S535-S539.	2.5	1
75	Comparison of sensitivity and reading time for the use of computer aided detection (CAD) of pulmonary nodules at MDCT as concurrent or second reader. , 2006, 6146, 365.		1
76	Imaging a coronary artery aneurysm. Annals of Thoracic Surgery, 2001, 72, 2145.	1.3	0
77	Use of an Additional Diagnostic Work-up Following a Treatment Recommendation from the Preoperative Conference of the Mammography Screening Units. Geburtshilfe Und Frauenheilkunde, 2014, 74, 370-375.	1.8	0
78	Contrast Enhanced Investigations. , 2015, , 263-269.		0