

Ulrich Bick

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

5,346
citations

101543

36
h-index

85541

71
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110
all docs

110
docs citations

110
times ranked

4161
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Breast cancer risk in <i>BRCA1/2</i> mutation carriers and noncarriers under prospective intensified surveillance. <i>International Journal of Cancer</i> , 2020, 146, 999-1009. | 5.1 | 32 |
| 2 | Image-guided breast biopsy and localisation: recommendations for information to women and referring physicians by the European Society of Breast Imaging. <i>Insights Into Imaging</i> , 2020, 11, 12. | 3.4 | 96 |
| 3 | High-risk breast cancer surveillance with MRI: 10-year experience from the German consortium for hereditary breast and ovarian cancer. <i>Breast Cancer Research and Treatment</i> , 2019, 175, 217-228. | 2.5 | 94 |
| 4 | 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) – Part 2 with Recommendations for the Therapy of Primary, Recurrent and Advanced Breast Cancer. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018, 78, 1056-1088. | 1.8 | 69 |
| 5 | 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) – Part 1 with Recommendations for the Screening, Diagnosis and Therapy of Breast Cancer. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018, 78, 927-948. | 1.8 | 59 |
| 6 | Breast ultrasound: recommendations for information to women and referring physicians by the European Society of Breast Imaging. <i>Insights Into Imaging</i> , 2018, 9, 449-461. | 3.4 | 95 |
| 7 | Diagnostic Performance of Automated Breast Volume Scanning (ABVS) Compared to Handheld Ultrasonography With Breast MRI as the Gold Standard. <i>Academic Radiology</i> , 2017, 24, 954-961. | 2.5 | 35 |
| 8 | Contrast-enhanced spectral mammography vs. mammography and MRI – clinical performance in a multi-reader evaluation. <i>European Radiology</i> , 2017, 27, 2752-2764. | 4.5 | 166 |
| 9 | Position paper on screening for breast cancer by the European Society of Breast Imaging (EUSOBI) and 30 national breast radiology bodies from Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Israel, Lithuania, Moldova, The Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Spain, Sweden, Switzerland and Turkey. <i>European Radiology</i> , 2017, 27, 2737-2743. | 4.5 | 136 |
| 10 | High-Risk Multimodality Screening. , 2017, , 329-335. | | 0 |
| 11 | Breast MRI: EUSOBI recommendations for women’s information. <i>European Radiology</i> , 2015, 25, 3669-3678. | 4.5 | 330 |
| 12 | Intraindividual Comparison of Two Methods of Volumetric Breast Composition Assessment. <i>Academic Radiology</i> , 2015, 22, 447-452. | 2.5 | 11 |
| 13 | Intensified Surveillance for Early Detection of Breast Cancer in High-Risk Patients. <i>Breast Care</i> , 2015, 10, 13-20. | 1.4 | 30 |
| 14 | Impact of Magnification Views on the Characterization of Microcalcifications in Digital Mammography. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2014, 186, 274-280. | 1.3 | 8 |
| 15 | Volumetric breast composition analysis: reproducibility of breast percent density and fibroglandular tissue volume measurements in serial mammograms. <i>Acta Radiologica</i> , 2014, 55, 32-38. | 1.1 | 20 |
| 16 | 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. <i>Investigative Radiology</i> , 2014, 49, 474-484. | 6.2 | 21 |
| 17 | Volumetric quantification of the effect of aging and hormone replacement therapy on breast composition from digital mammograms. <i>European Journal of Radiology</i> , 2014, 83, 1092-1097. | 2.6 | 10 |
| 18 | Contrast-enhanced spectral mammography versus MRI: Initial results in the detection of breast cancer and assessment of tumour size. <i>European Radiology</i> , 2014, 24, 256-264. | 4.5 | 269 |

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|----|---|------|-----------|
| 19 | 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 |
| 20 | MRI to X-ray mammography intensity-based registration with simultaneous optimisation of pose and biomechanical transformation parameters. Medical Image Analysis, 2014, 18, 674-683. | 11.6 | 36 |
| 21 | Mammography: How to Interpret Microcalcifications. , 2014, , 313-318. | | 5 |
| 22 | Breast Cancer in Young Women After Treatment for Hodgkinâ€™s Disease During Childhood or Adolescence. Deutsches Ärztblatt International, 2014, 111, 3-9. | 0.9 | 50 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | The risk of contralateral breast cancer in patients from BRCA1/2 negative high risk families as compared to patients from BRCA1 or BRCA2 positive families: a retrospective cohort study. Breast Cancer Research, 2012, 14, R156. | 5.0 | 112 |
| 27 | MRI to X-ray mammography registration using a volume-preserving affine transformation. Medical Image Analysis, 2012, 16, 966-975. | 11.6 | 26 |
| 28 | Evaluation of tomosynthesis elastography in a breast-mimicking phantom. European Journal of Radiology, 2012, 81, 2169-2173. | 2.6 | 13 |
| 29 | 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 |
| 30 | Detection and classification of contrast-enhancing masses by a fully automatic computer-assisted diagnosis system for breast MRI. Journal of Magnetic Resonance Imaging, 2012, 35, 1077-1088. | 3.4 | 47 |
| 31 | Intensity-Based MRI to X-ray Mammography Registration with an Integrated Fast Biomechanical Transformation. Lecture Notes in Computer Science, 2012, , 48-55. | 1.3 | 5 |
| 32 | Telephone Counseling and Attendance in a National Mammography-Screening Program. American Journal of Preventive Medicine, 2011, 41, 421-427. | 3.0 | 19 |
| 33 | Evaluation of contrast-enhanced digital mammography. European Journal of Radiology, 2011, 78, 112-121. | 2.6 | 112 |
| 34 | Breast Tomosynthesis. Seminars in Ultrasound, CT and MRI, 2011, 32, 281-287. | 1.5 | 29 |
| 35 | 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 |
| 36 | Development of Low-Dose Photon-counting Contrast-enhanced Tomosynthesis with Spectral Imaging. Radiology, 2011, 259, 558-564. | 7.3 | 37 |

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|----|--|-----|-----------|
| 37 | Computerized Assessment of Breast Lesion Malignancy using DCE-MRI. Academic Radiology, 2010, 17, 822-829. | 2.5 | 47 |
| 38 | Deformable Image Registration of Follow-Up Breast Magnetic Resonance Images. Lecture Notes in Computer Science, 2010, , 13-24. | 1.3 | 6 |
| 39 | Mammographic Signs of Malignancy: Impact of Digital Mammography on Visibility and Appearance. Medical Radiology, 2010, , 175-186. | 0.1 | 0 |
| 40 | Concepts for Efficient and Reliable Multi-modal Breast Image Reading. Lecture Notes in Computer Science, 2010, , 121-128. | 1.3 | 0 |
| 41 | Thick Slices from Tomosynthesis Data Sets: Phantom Study for the Evaluation of Different Algorithms. Journal of Digital Imaging, 2009, 22, 519-526. | 2.9 | 31 |
| 42 | Contralateral Breast Cancer Risk in <i>BRCA1</i> and <i>BRCA2</i> Mutation Carriers. Journal of Clinical Oncology, 2009, 27, 5887-5892. | 1.6 | 292 |
| 43 | 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 |
| 44 | Assessment of texture analysis on DCE-MRI data for the differentiation of breast tumor lesions. , 2009, , , | | 3 |
| 45 | In patients with DCIS: is it sufficient to histologically examine only those tissue specimens that contain microcalcifications?. European Radiology, 2008, 18, 925-930. | 4.5 | 5 |
| 46 | Near-infrared Laser Computed Tomography of the Breast. Academic Radiology, 2008, 15, 1545-1553. | 2.5 | 33 |
| 47 | Contrast-to-Noise Ratios of Different Elements in Digital Mammography. Investigative Radiology, 2007, 42, 319-325. | 6.2 | 10 |
| 48 | Evaluation of 11-Gauge and 9-Gauge Vacuum-Assisted Breast Biopsy Systems in a Breast Parenchymal Model. Academic Radiology, 2007, 14, 677-684. | 2.5 | 10 |
| 49 | Volumetric texture analysis of breast lesions on contrast-enhanced magnetic resonance images. Magnetic Resonance in Medicine, 2007, 58, 562-571. | 3.0 | 270 |
| 50 | Tomosynthesis and contrast-enhanced digital mammography: recent advances in digital mammography. European Radiology, 2007, 17, 3086-3092. | 4.5 | 80 |
| 51 | Digital mammography: what do we and what don't we know?. European Radiology, 2007, 17, 1931-1942. | 4.5 | 62 |
| 52 | Automatic identification and classification of characteristic kinetic curves of breast lesions on DCE-MRI. Medical Physics, 2006, 33, 2878-2887. | 3.0 | 184 |
| 53 | A Fuzzy C-Means (FCM)-Based Approach for Computerized Segmentation of Breast Lesions in Dynamic Contrast-Enhanced MR Images1. Academic Radiology, 2006, 13, 63-72. | 2.5 | 316 |
| 54 | Rapid Growth of an Exophytic Angiosarcoma of the Breast. Breast Journal, 2006, 12, 80-82. | 1.0 | 0 |

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|----|---|-----|-----------|
| 55 | Digital Mammography Using Iodine-Based Contrast Media. Investigative Radiology, 2005, 40, 397-404. | 6.2 | 88 |
| 56 | Computerized interpretation of breast MRI: Investigation of enhancement-variance dynamics. Medical Physics, 2004, 31, 1076-1082. | 3.0 | 169 |
| 57 | Near monochromatic X-rays for digital slot-scan mammography: initial findings. European Radiology, 2004, 14, 1641-6. | 4.5 | 14 |
| 58 | Automated identification of temporal pattern with high initial enhancement in dynamic MR lesions using fuzzy c-means algorithm. , 2004, 5370, 607. | | 2 |
| 59 | Use of Iodine-based Contrast Media in Digital Full-field Mammography - Initial Experience. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2003, 175, 342-345. | 1.3 | 34 |
| 60 | New Contrast Media Designed for X-Ray Energy Subtraction Imaging in Digital Mammography. Investigative Radiology, 2003, 38, 602-608. | 6.2 | 26 |
| 61 | Brain Imaging and Proton Magnetic Resonance Spectroscopy in Patients With Phenylketonuria. Pediatrics, 2003, 112, 1580-1583. | 2.1 | 35 |
| 62 | Breast MR Imaging with High Spectral and Spatial Resolutions: Preliminary Experience. Radiology, 2002, 224, 577-585. | 7.3 | 28 |
| 63 | Reduced-Dose Digital Mammography of Skin Calcifications. American Journal of Roentgenology, 2002, 178, 473-474. | 2.2 | 11 |
| 64 | New RES-Specific Contrast Agents for CT. Academic Radiology, 2002, 9, S185-S190. | 2.5 | 5 |
| 65 | Spectrally Inhomogeneous Effects of Contrast Agents in Breast Lesion Detected by High Spectral and Spatial Resolution MRI. Academic Radiology, 2002, 9, S352-S354. | 2.5 | 7 |
| 66 | <title>Computerized lung nodule detection: comparison of performance for low-dose and standard-dose helical CT scans</title>. , 2001, , . | | 8 |
| 67 | Unusual Detection of Breast Metastasis From Melanoma. Breast Journal, 2001, 7, 269-270. | 1.0 | 1 |
| 68 | International investigation of breast MRI: results of a multicentre study (11 sites) concerning diagnostic parameters for contrast-enhanced MRI based on 519 histopathologically correlated lesions. European Radiology, 2001, 11, 531-546. | 4.5 | 163 |
| 69 | Differentiation between benign and malignant findings on MR-mammography: usefulness of morphological criteria. European Radiology, 2001, 11, 1645-1650. | 4.5 | 93 |
| 70 | Tissue transition projection (TTP) of the intestines. European Radiology, 2000, 10, 806-810. | 4.5 | 13 |
| 71 | PACS: the silent revolution. European Radiology, 1999, 9, 1152-1160. | 4.5 | 61 |
| 72 | Experimental Study of X-Ray Mammography in a Fluid Bath. Investigative Radiology, 1999, 34, 678. | 6.2 | 4 |

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|----|--|-----|-----------|
| 73 | Liposarcoma of the Breast Arising Within a Phyllodes Tumor. Journal of Computer Assisted Tomography, 1999, 23, 764-766. | 0.9 | 8 |
| 74 | Is image selection a useful strategy to decrease the transmission time in teleradiology? A study using 100 emergency cranial CTs. European Radiology, 1998, 8, 1719-1721. | 4.5 | 17 |
| 75 | Computerized analysis of breast lesions in three dimensions using dynamic magnetic-resonance imaging. Medical Physics, 1998, 25, 1647-1654. | 3.0 | 171 |
| 76 | <title>Automated feature extraction and classification of breast lesions in magnetic resonance images</title>. , 1998, , . | | 3 |
| 77 | Progression of Cerebral White Matter Abnormalities in Early Treated Patients with Phenylketonuria During Adolescence. Neuropediatrics, 1997, 28, 239-240. | 0.6 | 16 |
| 78 | Kinetics of phenylalanine transport at the human bloodâ€“brain barrier investigated in vivo. Brain Research, 1997, 778, 329-337. | 2.2 | 49 |
| 79 | Evaluation of myelination and myelination disorders with turbo inversion recovery magnetic resonance imaging. European Radiology, 1997, 7, 1478-1484. | 4.5 | 8 |
| 80 | <title>Initial experience with a prototype clinical intelligent mammography workstation for computer-aided diagnosis</title>. , 1995, , . | | 13 |
| 81 | Analysis of spiculation in the computerized classification of mammographic masses. Medical Physics, 1995, 22, 1569-1579. | 3.0 | 155 |
| 82 | Automated segmentation of digitized mammograms. Academic Radiology, 1995, 2, 1-9. | 2.5 | 120 |
| 83 | White matter abnormalities in patients with treated hyperphenylalaninaemia: Magnetic resonance relaxometry and proton spectroscopy findings. European Journal of Pediatrics, 1993, 152, 1012-1020. | 2.7 | 109 |
| 84 | <title>Computer-aided detection and diagnosis of masses and clustered microcalcifications from digital mammograms</title>. , 1993, , . | | 25 |
| 85 | <title>Characterization of the mammographic appearance of microcalcifications: applications in computer-aided diagnosis</title>. , 1993, 1898, 422. | | 5 |
| 86 | <title>Preliminary evaluation of an "intelligent" mammography workstation</title>. , 1993, 1898, 764. | | 1 |
| 87 | The distinction between benign and malignant liver tumors on sonography: value of a hypoechoic halo.. American Journal of Roentgenology, 1992, 159, 1005-1009. | 2.2 | 89 |
| 88 | Therapeutic use of surfactant in neonatal respiratory distress syndrome. Pediatric Radiology, 1992, 22, 169-173. | 2.0 | 15 |
| 89 | Ovarian cysts in the fetus and neonateâ€“changes in sonographic pattern in the follow-up and their management. Pediatric Radiology, 1992, 22, 395-400. | 2.0 | 51 |
| 90 | Disturbed myelination in patients with treated hyperphenylalaninaemia: evaluation with magnetic resonance imaging. European Journal of Pediatrics, 1991, 150, 185-189. | 2.7 | 94 |