

Jan Neumann

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

620
citations

566801

15
h-index

610482

24
g-index

33
all docs

33
docs citations

33
times ranked

847
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Evaluation of MR-derived simulated CT-like images and simulated radiographs compared to conventional radiography in patients with shoulder pain: a proof-of-concept study. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 122. | 0.8 | 4 |
| 2 | Radical Prostatectomy Without Prior Biopsy Following Multiparametric Magnetic Resonance Imaging and Prostate-specific Membrane Antigen Positron Emission Tomography. <i>European Urology</i> , 2022, 82, 156-160. | 0.9 | 43 |
| 3 | Diagnosis of joint invasion in patients with malignant bone tumors: value and reproducibility of direct and indirect signs on MR imaging. <i>European Radiology</i> , 2022, 32, 4738-4748. | 2.3 | 4 |
| 4 | Deep learning-based acceleration of Compressed Sense MR imaging of the ankle. <i>European Radiology</i> , 2022, 32, 8376-8385. | 2.3 | 18 |
| 5 | Meniscal Root Tears and Extrusion Are Significantly Associated with the Development of Accelerated Knee Osteoarthritis: Data from the Osteoarthritis Initiative. <i>Cartilage</i> , 2021, 13, 239S-248S. | 1.4 | 26 |
| 6 | Meniscal ramp lesions: frequency, natural history, and the effect on knee cartilage over 2 years in subjects with anterior cruciate ligament tears. <i>Skeletal Radiology</i> , 2021, 50, 551-558. | 1.2 | 12 |
| 7 | Prognostic Assessment in High-Grade Soft-Tissue Sarcoma Patients: A Comparison of Semantic Image Analysis and Radiomics. <i>Cancers</i> , 2021, 13, 1929. | 1.7 | 25 |
| 8 | Detection of Bone Marrow Edema in Patients with Osteoid Osteoma Using Three-Material Decomposition with Dual-Layer Spectral CT. <i>Diagnostics</i> , 2021, 11, 953. | 1.3 | 4 |
| 9 | Ultrasound-based evaluation revealed reliable postoperative knee stability after combined acute ACL and MCL injuries. <i>Journal of Experimental Orthopaedics</i> , 2021, 8, 76. | 0.8 | 4 |
| 10 | Cartilage degeneration post-menisectomy performed for degenerative disease versus trauma: data from the Osteoarthritis Initiative. <i>Skeletal Radiology</i> , 2020, 49, 231-240. | 1.2 | 2 |
| 11 | Postoperative MRI Findings and Associated Pain Changes After Arthroscopic Surgery for Femoroacetabular Impingement. <i>American Journal of Roentgenology</i> , 2020, 214, 177-184. | 1.0 | 11 |
| 12 | Extracting Voxel-Based Cartilage Relaxometry Features in Hip Osteoarthritis Subjects Using Principal Component Analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1708-1719. | 1.9 | 2 |
| 13 | Baseline knee joint effusion and medial femoral bone marrow edema, in addition to MRI-based T2 relaxation time and texture measurements of knee cartilage, can help predict incident total knee arthroplasty 4-7 years later: data from the Osteoarthritis Initiative. <i>Skeletal Radiology</i> , 2019, 48, 89-101. | 1.2 | 18 |
| 14 | CT pulmonary angiography: dose reduction via a next generation iterative reconstruction algorithm. <i>Acta Radiologica</i> , 2019, 60, 478-487. | 0.5 | 19 |
| 15 | Validation of scoring hip osteoarthritis with MRI (SHOMRI) scores using hip arthroscopy as a standard of reference. <i>European Radiology</i> , 2019, 29, 578-587. | 2.3 | 21 |
| 16 | Abnormal Joint Loading During Gait in Persons With Hip Osteoarthritis Is Associated With Symptoms and Cartilage Lesions. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2019, 49, 917-924. | 1.7 | 16 |
| 17 | Accelerating anatomical 2D turbo spin echo imaging of the ankle using compressed sensing. <i>European Journal of Radiology</i> , 2019, 118, 277-284. | 1.2 | 28 |
| 18 | Longitudinal MRI structural findings observed in accelerated knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Skeletal Radiology</i> , 2019, 48, 1949-1959. | 1.2 | 11 |

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|----|---|-----|-----------|
| 19 | Intra-articular extra-axial chordoma of the wrist: a case report with review of the current literature. <i>Skeletal Radiology</i> , 2019, 48, 2015-2020. | 1.2 | 11 |
| 20 | Is treated HIV infection associated with knee cartilage degeneration and structural changes? A longitudinal study using data from the osteoarthritis initiative. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 190. | 0.8 | 12 |
| 21 | Differentiating atypical lipomatous tumors from lipomas with magnetic resonance imaging: a comparison with MDM2 gene amplification status. <i>BMC Cancer</i> , 2019, 19, 309. | 1.1 | 33 |
| 22 | Cartilage repair surgery prevents progression of knee degeneration. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 3001-3013. | 2.3 | 51 |
| 23 | Introduction of an MR-based semi-quantitative score for assessing partial meniscectomy and relation to knee joint degenerative disease: data from the Osteoarthritis Initiative. <i>European Radiology</i> , 2019, 29, 3262-3272. | 2.3 | 5 |
| 24 | Diabetics show accelerated progression of knee cartilage and meniscal lesions: data from the osteoarthritis initiative. <i>Skeletal Radiology</i> , 2019, 48, 919-930. | 1.2 | 22 |
| 25 | Noninvasive quantitative assessment of microcirculatory disorders of the upper extremities with 2D fluorescence optical imaging. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 70, 69-81. | 0.9 | 9 |
| 26 | Association of diabetes mellitus and biochemical knee cartilage composition assessed by T ₂ relaxation time measurements: Data from the osteoarthritis initiative. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, spcone. | 1.9 | 0 |
| 27 | Association of diabetes mellitus and biochemical knee cartilage composition assessed by T ₂ relaxation time measurements: Data from the osteoarthritis initiative. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 380-390. | 1.9 | 25 |
| 28 | Conservatively treated knee injury is associated with knee cartilage matrix degeneration measured with MRI-based T2 relaxation times: data from the osteoarthritis initiative. <i>Skeletal Radiology</i> , 2018, 47, 93-106. | 1.2 | 9 |
| 29 | Tool for osteoarthritis risk prediction (TOARP) over 8 years using baseline clinical data, X-ray, and MRI: Data from the osteoarthritis initiative. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1517-1526. | 1.9 | 41 |
| 30 | Using the Scoring Hip Osteoarthritis with Magnetic Resonance Imaging (SHOMRI) system to assess intra-articular pathology in femoroacetabular impingement. <i>Journal of Orthopaedic Research</i> , 2018, 36, 3064-3070. | 1.2 | 7 |
| 31 | Fluorescence optical imaging and 3T-MRI for detection of synovitis in patients with rheumatoid arthritis in comparison to a composite standard of reference. <i>European Journal of Radiology</i> , 2017, 90, 6-13. | 1.2 | 14 |
| 32 | Vertebral and femoral bone mineral density and bone strength in prostate cancer patients assessed in phantomless PET/CT examinations. <i>Bone</i> , 2017, 101, 62-69. | 1.4 | 28 |
| 33 | Prestructural cartilage assessment using MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 949-965. | 1.9 | 85 |