

Sophia Kronthaler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1395486/publications.pdf>

Version: 2024-02-01

11
papers

181
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

162
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | <scp>MRI</scp>â€Based Quantitative Osteoporosis Imaging at the Spine and Femur. Journal of Magnetic Resonance Imaging, 2021, 54, 12-35. | 3.4 | 61 |
| 2 | CT-like images based on T1 spoiled gradient-echo and ultra-short echo time MRI sequences for the assessment of vertebral fractures and degenerative bone changes of the spine. European Radiology, 2021, 31, 4680-4689. | 4.5 | 35 |
| 3 | Accelerating anatomical 2D turbo spin echo imaging of the ankle using compressed sensing. European Journal of Radiology, 2019, 118, 277-284. | 2.6 | 28 |
| 4 | Vertebral bone marrow T2* mapping using chemical shift encoding-based water-fat separation in the quantitative analysis of lumbar osteoporosis and osteoporotic fractures. Quantitative Imaging in Medicine and Surgery, 2021, 11, 3715-3725. | 2.0 | 15 |
| 5 | Trajectory correction based on the gradient impulse response function improves highâ€resolution UTE imaging of the musculoskeletal system. Magnetic Resonance in Medicine, 2021, 85, 2001-2015. | 3.0 | 12 |
| 6 | Assessment of vertebral fractures and edema of the thoracolumbar spine based on waterâ€fat and susceptibilityâ€weighted images derived from a single ultraâ€short echo time scan. Magnetic Resonance in Medicine, 2021, , . | 3.0 | 10 |
| 7 | Geometric accuracy of magnetic resonance imaging<scp>â€derived virtual<scp>3â€dimensional</scp> bone surface models of the mandible in comparison to computed tomography and cone beam computed tomography<scp>:</scp> A porcine cadaver study. Clinical Implant Dentistry and Related Research, 2021, 23, 779-788. | 3.7 | 9 |
| 8 | Imaging of the Osteoporotic Spine â€ Quantitative Approaches in Diagnostics and for the Prediction of the Individual Fracture Risk. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2022, 194, 1088-1099. | 1.3 | 6 |
| 9 | 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. BMC Musculoskeletal Disorders, 2022, 23, 122. | 1.9 | 4 |
| 10 | On quantification errors of $R2^*_{2^{\ast}}$ and proton density fat fraction mapping in trabecularized bone marrow in the static dephasing regime. Magnetic Resonance in Medicine, 2022, 88, 1126-1139. | 3.0 | 1 |
| 11 | MR-derived CT-like Images for the Assessment of Acute Vertebral Fractures and Osseous Degenerative Changes in the Thoracolumbar Spine. , 2020, 24, . | | 0 |