

Sophia Kronthaler

List of Publications by Year in descending order

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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	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
2	On quantification errors of R_2^* 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
3	Imaging of the Osteoporotic Spine – 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
4	MRI-Based Quantitative Osteoporosis Imaging at the Spine and Femur. Journal of Magnetic Resonance Imaging, 2021, 54, 12-35.	3.4	61
5	Trajectory correction based on the gradient impulse response function improves high-resolution UTE imaging of the musculoskeletal system. Magnetic Resonance in Medicine, 2021, 85, 2001-2015.	3.0	12
6	Geometric accuracy of magnetic resonance imaging-derived virtual 3-dimensional bone surface models of the mandible in comparison to computed tomography and cone beam computed tomography: A porcine cadaver study. Clinical Implant Dentistry and Related Research, 2021, 23, 779-788.	3.7	9
7	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
8	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
9	Assessment of vertebral fractures and edema of the thoracolumbar spine based on water-fat and susceptibility-weighted images derived from a single ultra-short echo time scan. Magnetic Resonance in Medicine, 2021, , .	3.0	10
10	MR-derived CT-like Images for the Assessment of Acute Vertebral Fractures and Osseous Degenerative Changes in the Thoracolumbar Spine. , 2020, 24, .		0
11	Accelerating anatomical 2D turbo spin echo imaging of the ankle using compressed sensing. European Journal of Radiology, 2019, 118, 277-284.	2.6	28