

Nikolaus Szeverenyi

List of Publications by Year in descending order

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9
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#	ARTICLE	IF	CITATIONS
1	Ultrashort echo time adiabatic T1 ρ (UTE-Adiab-T1 ρ) is sensitive to human cadaveric knee joint deformation induced by mechanical loading and unloading. <i>Magnetic Resonance Imaging</i> , 2021, 80, 98-105.	1.8	5
2	Detecting Articular Cartilage and Meniscus Deformation Effects Using Magnetization Transfer Ultrashort Echo Time (MT-UTE) Modeling during Mechanical Load Application: Ex Vivo Feasibility Study. <i>Cartilage</i> , 2020, , 194760352097677.	2.7	8
3	Ultrashort Echo Time MRI (UTE-MRI) Quantifications of Cortical Bone Varied Significantly at Body Temperature Compared with Room Temperature. <i>Investigative Magnetic Resonance Imaging</i> , 2019, 23, 202.	0.4	11
4	Liver fat imaging—a clinical overview of ultrasound, CT, and MR imaging. <i>British Journal of Radiology</i> , 2018, 91, 20170959.	2.2	164
5	Repeatability and reproducibility of 2D and 3D hepatic MR elastography with rigid and flexible drivers at end-expiration and end-inspiration in healthy volunteers. <i>Abdominal Radiology</i> , 2017, 42, 2843-2854.	2.1	34
6	Ultrashort echo time T2 ρ values decrease in tendons with application of static tensile loads. <i>Journal of Biomechanics</i> , 2017, 61, 160-167.	2.1	15
7	Novel 3D Magnetic Resonance Elastography for the Noninvasive Diagnosis of Advanced Fibrosis in NAFLD: A Prospective Study. <i>American Journal of Gastroenterology</i> , 2016, 111, 986-994.	0.4	160
8	Coalification of organic matter in coal balls of the Pennsylvanian (upper Carboniferous) of the Illinois Basin, United States. <i>Organic Geochemistry</i> , 1984, 5, 227-239.	1.8	7
9	Nuclear magnetic resonance studies of ancient buried wood—II. Observations on the origin of coal from lignite to bituminous coal. <i>Organic Geochemistry</i> , 1982, 4, 9-18.	1.8	153