

# Olli Nykänen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1114890/publications.pdf>

Version: 2024-02-01

11  
papers

129  
citations

1478505

6  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

192  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Arthroscopic Determination of Cartilage Proteoglycan Content and Collagen Network Structure with Near-Infrared Spectroscopy. <i>Annals of Biomedical Engineering</i> , 2019, 47, 1815-1826.  | 2.5 | 32        |
| 2  | Quantitative susceptibility mapping of articular cartilage: Ex vivo findings at multiple orientations and following different degradation treatments. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 2702-2716.                     | 3.0 | 20        |
| 3  | Quantitative susceptibility mapping of the rat brain after traumatic brain injury. <i>NMR in Biomedicine</i> , 2021, 34, e4438.  | 2.8 | 20        |
| 4  | Evaluation of articular cartilage with quantitative MRI in an equine model of post-traumatic osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2021, 39, 63-73.   | 2.3 | 16        |
| 5  | T2* and quantitative susceptibility mapping in an equine model of post-traumatic osteoarthritis: assessment of mechanical and structural properties of articular cartilage. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1481-1490. | 1.3 | 12        |
| 6  | Quantitative photoacoustic tomography augmented with surface light measurements. <i>Biomedical Optics Express</i> , 2017, 8, 4380.   | 2.9 | 9         |
| 7  | Bright ultrashort echo time SWIFT MRI signal at the osteochondral junction is not located in the calcified cartilage. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2649-2656.  | 2.3 | 6         |
| 8  | Orientation anisotropy of quantitative MRI parameters in degenerated human articular cartilage. <i>Journal of Orthopaedic Research</i> , 2021, 39, 861-870.  | 2.3 | 6         |
| 9  | Evaluation of the Suitability of Miniature Pigs as an Animal Model of Juvenile Osteochondritis Dissecans. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2130-2137.  | 2.3 | 4         |
| 10 | Epiphyseal cartilage canal architecture and extracellular matrix remodeling in mucopolysaccharidosis VII dogs at the onset of postnatal growth. <i>Connective Tissue Research</i> , 2021, , 1-11.                                      | 2.3 | 2         |
| 11 | Dual-contrast computed tomography enables detection of equine posttraumatic osteoarthritis in vitro. <i>Journal of Orthopaedic Research</i> , 2022, 40, 703-711.   | 2.3 | 2         |