

# Mithilesh Prakash

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4240805/publications.pdf>

Version: 2024-02-01

18  
papers

238  
citations

1040056

9  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

244  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Transfer Learning in Magnetic Resonance Brain Imaging: A Systematic Review. <i>Journal of Imaging</i> , 2021, 7, 66.   | 3.0 | 56        |
| 2  | Open-source python module for automated preprocessing of near infrared spectroscopic data. <i>Analytica Chimica Acta</i> , 2020, 1108, 1-9.  | 5.4 | 37        |
| 3  | Near-infrared spectroscopy enables quantitative evaluation of human cartilage biomechanical properties during arthroscopy. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1235-1243.                      | 1.3 | 25        |
| 4  | Quantitative Dual Contrast CT Technique for Evaluation of Articular Cartilage Properties. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1038-1046.   | 2.5 | 20        |
| 5  | Synchrotron MicroCT Reveals the Potential of the Dual Contrast Technique for Quantitative Assessment of Human Articular Cartilage Composition. <i>Journal of Orthopaedic Research</i> , 2020, 38, 563-573. | 2.3 | 16        |
| 6  | Machine learning augmented near-infrared spectroscopy: In vivo follow-up of cartilage defects. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 423-432.  | 1.3 | 15        |
| 7  | Optimal Regression Method for Near-Infrared Spectroscopic Evaluation of Articular Cartilage. <i>Applied Spectroscopy</i> , 2017, 71, 2253-2262.  | 2.2 | 14        |
| 8  | Dual contrast in computed tomography allows earlier characterization of articular cartilage over single contrast. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2230-2238.                            | 2.3 | 11        |
| 9  | Quantitative dual contrast photon-counting computed tomography for assessment of articular cartilage health. <i>Scientific Reports</i> , 2021, 11, 5556.   | 3.3 | 11        |
| 10 | Functional and structural properties of human patellar articular cartilage in osteoarthritis. <i>Journal of Biomechanics</i> , 2021, 126, 110634.  | 2.1 | 9         |
| 11 | Dataset on equine cartilage near infrared spectra, composition, and functional properties. <i>Scientific Data</i> , 2019, 6, 164.  | 5.3 | 6         |
| 12 | Orientation anisotropy of quantitative MRI parameters in degenerated human articular cartilage. <i>Journal of Orthopaedic Research</i> , 2021, 39, 861-870.  | 2.3 | 6         |
| 13 | Accounting for spatial dependency in multivariate spectroscopic data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2018, 182, 166-171.   | 3.5 | 5         |
| 14 | Automated Preprocessing of Near Infrared Spectroscopic Data. , 2019, , .   |     | 3         |
| 15 | Comparison of Single and Multitask Learning for Predicting Cognitive Decline Based on MRI Data. <i>IEEE Access</i> , 2021, 9, 154275-154291.   | 4.2 | 2         |
| 16 | Near infrared spectroscopic evaluation of biochemical and crimp properties of knee joint ligaments and patellar tendon. <i>PLoS ONE</i> , 2022, 17, e0263280.  | 2.5 | 2         |
| 17 | A Tool for Geometrical Measurements of Orthognathic Surgery Changes Using Cone Beam Computed Tomography. <i>IFMBE Proceedings</i> , 2016, , 430-433.   | 0.3 | 0         |
| 18 | Near-infrared Spectroscopy Based Arthroscopic Evaluation of Human Knee Joint Cartilage, Through Automated Selection of an Anatomically Specific Regression Model. , 2018, , .                              |     | 0         |