Mithilesh Prakash

List of Publications by Year
in descending order

18	238	1040056	996975
papers	citations	9	15
		h-index	g-index

20	20	20	244
all docs	docs citations	times ranked	citing authors

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