

Charles-Andr © Couture

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10628516/publications.pdf>

Version: 2024-02-01

8
papers

234
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging and modeling collagen architecture from the nano to micro scale. Biomedical Optics Express, 2014, 5, 233.	2.9	49
2	Analysis of forward and backward Second Harmonic Generation images to probe the nanoscale structure of collagen within bone and cartilage. Journal of Biophotonics, 2015, 8, 993-1001.	2.3	45
3	The Impact of Collagen Fibril Polarity on Second Harmonic Generation Microscopy. Biophysical Journal, 2015, 109, 2501-2510.	0.5	44
4	Imaging the noncentrosymmetric structural organization of tendon with Interferometric Second Harmonic Generation microscopy. Journal of Biophotonics, 2014, 7, 638-646.	2.3	33
5	Imaging the bipolarity of myosin filaments with Interferometric Second Harmonic Generation microscopy. Biomedical Optics Express, 2013, 4, 2078.	2.9	23
6	Fast interferometric second harmonic generation microscopy. Biomedical Optics Express, 2016, 7, 399.	2.9	18
7	Modulation of Mechanical Interactions by Local Piezoelectric Effects. Advanced Functional Materials, 2016, 26, 7662-7667.	14.9	13
8	Femoral epiphyseal cartilage matrix changes at predilection sites of equine osteochondrosis: Quantitative MRI, second harmonic microscopy, and histological findings. Journal of Orthopaedic Research, 2016, 34, 1743-1752.	2.3	9