

# Adib Keikhosravi

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

859  
citations

567281

15  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly aligned stromal collagen is a negative prognostic factor following pancreatic ductal adenocarcinoma resection. <i>Oncotarget</i> , 2016, 7, 76197-76213.	1.8	163
2	Methods for Quantifying Fibrillar Collagen Alignment. <i>Methods in Molecular Biology</i> , 2017, 1627, 429-451.	0.9	115
3	Fluorescence of Picrosirius Red Multiplexed With Immunohistochemistry for the Quantitative Assessment of Collagen in Tissue Sections. <i>Journal of Histochemistry and Cytochemistry</i> , 2017, 65, 479-490.	2.5	78
4	Second-harmonic generation imaging of cancer. <i>Methods in Cell Biology</i> , 2014, 123, 531-546.	1.1	73
5	Comparison of Picrosirius Red Staining With Second Harmonic Generation Imaging for the Quantification of Clinically Relevant Collagen Fiber Features in Histopathology Samples. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 519-529.	2.5	68
6	Collagen organization of renal cell carcinoma differs between low and high grade tumors. <i>BMC Cancer</i> , 2019, 19, 490.	2.6	41
7	Quantification of collagen organization in histopathology samples using liquid crystal based polarization microscopy. <i>Biomedical Optics Express</i> , 2017, 8, 4243.	2.9	39
8	Diagnosis of Early Alzheimer's Disease Based on EEG Source Localization and a Standardized Realistic Head Model. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2013, 17, 1039-1045.	6.3	37
9	Fibrillar Collagen Quantification With Curvelet Transform Based Computational Methods. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 198.	4.1	32
10	Quantitative Histopathology of Stained Tissues using Color Spatial Light Interference Microscopy (cSLIM). <i>Scientific Reports</i> , 2019, 9, 14679.	3.3	30
11	Single image super-resolution for whole slide image using convolutional neural networks and self-supervised color normalization. <i>Medical Image Analysis</i> , 2021, 68, 101938.	11.6	25
12	Non-disruptive collagen characterization in clinical histopathology using cross-modality image synthesis. <i>Communications Biology</i> , 2020, 3, 414.	4.4	23
13	Quantitative phase imaging of stromal prognostic markers in pancreatic ductal adenocarcinoma. <i>Biomedical Optics Express</i> , 2020, 11, 1354.	2.9	22
14	Collagen Organization in Relation to Ductal Carcinoma <i>In Situ</i> Pathology and Outcomes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 80-88.	2.5	21
15	Intensity-based registration of bright-field and second-harmonic generation images of histopathology tissue sections. <i>Biomedical Optics Express</i> , 2020, 11, 160.	2.9	19
16	Discrimination of bilateral finger photoplethysmogram responses to reactive hyperemia in diabetic and healthy subjects using a differential vascular model framework. <i>Physiological Measurement</i> , 2013, 34, 513-525.	2.1	14
17	Convolutional neural networks for whole slide image superresolution. <i>Biomedical Optics Express</i> , 2018, 9, 5368.	2.9	13
18	Real-time polarization microscopy of fibrillar collagen in histopathology. <i>Scientific Reports</i> , 2021, 11, 19063.	3.3	12

#	ARTICLE	IF	CITATIONS
19	Quantification of Collagen Organization after Nerve Repair. Plastic and Reconstructive Surgery - Global Open, 2017, 5, e1586.	0.6	10
20	Microstructure and resident cell-types of the feline optic nerve head resemble that of humans. Experimental Eye Research, 2021, 202, 108315.	2.6	9
21	A multiscale Mueller polarimetry module for a stereo zoom microscope. Biomedical Engineering Letters, 2019, 9, 339-349.	4.1	8
22	Experimental Investigation of the Roles of Blood Volume and Density in Finger Photoplethysmography. IEEE Sensors Journal, 2013, 13, 1397-1398.	4.7	4
23	Effect of deep breath on the correlation between the wrist and finger photoplethysmograms. , 2012, , .		2
24	Ultrasound Medical Image Speckle Reduction Using Fourth-Order Partial Differential Equation. , 2011, , .		1
25	Quantitative second harmonic generation imaging of leporine, canine, and porcine vocal fold collagen. Laryngoscope, 2019, 129, 2549-2556.	2.0	0