

Sreyankar Nandy

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

513
citations

759233

12
h-index

677142

22
g-index

38
all docs

38
docs citations

38
times ranked

581
citing authors

#	ARTICLE	IF	CITATIONS
1	A low-cost photoacoustic microscopy system with a laser diode excitation. Biomedical Optics Express, 2014, 5, 3053.	2.9	71
2	Evaluation of Ovarian Cancer: Initial Application of Coregistered Photoacoustic Tomography and US. Radiology, 2018, 289, 740-747.	7.3	60
3	Feasibility of co-registered ultrasound and acoustic-resolution photoacoustic imaging of human colorectal cancer. Biomedical Optics Express, 2018, 9, 5159.	2.9	53
4	Characterizing optical properties and spatial heterogeneity of human ovarian tissue using spatial frequency domain imaging. Journal of Biomedical Optics, 2016, 21, 101402.	2.6	36
5	Diagnostic Accuracy of Endobronchial Optical Coherence Tomography for the Microscopic Diagnosis of Usual Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 1164-1179.	5.6	32
6	Classification and analysis of human ovarian tissue using full field optical coherence tomography. Biomedical Optics Express, 2016, 7, 5182.	2.9	26
7	Classification of human ovarian cancer using functional, spectral, and imaging features obtained from in vivo photoacoustic imaging. Biomedical Optics Express, 2019, 10, 2303.	2.9	26
8	Optimized light delivery probe using ball lenses for co-registered photoacoustic and ultrasound endo-cavity subsurface imaging. Photoacoustics, 2019, 13, 66-75.	7.8	21
9	High-resolution full-field spatial coherence gated optical tomography using monochromatic light source. Applied Physics Letters, 2013, 103, .	3.3	19
10	High-resolution corneal topography and tomography of fish eye using wide-field white light interference microscopy. Applied Physics Letters, 2013, 102, 153701.	3.3	18
11	Low-cost compact multispectral spatial frequency domain imaging prototype for tissue characterization. Biomedical Optics Express, 2018, 9, 5503.	2.9	18
12	Correlating optical coherence elastography based strain measurements with collagen content of the human ovarian tissue. Biomedical Optics Express, 2015, 6, 3806.	2.9	16
13	The Angular Spectrum of the Scattering Coefficient Map Reveals Subsurface Colorectal Cancer. Scientific Reports, 2019, 9, 2998.	3.3	13
14	Co-registered photoacoustic and ultrasound imaging of human colorectal cancer. Journal of Biomedical Optics, 2019, 24, 1.	2.6	13
15	Quantitative multispectral ex vivo optical evaluation of human ovarian tissue using spatial frequency domain imaging. Biomedical Optics Express, 2018, 9, 2451.	2.9	12
16	Practical application and validation of the 2018 ATS/ERS/JRS/ALAT and Fleischner Society guidelines for the diagnosis of idiopathic pulmonary fibrosis. Respiratory Research, 2021, 22, 124.	3.6	12
17	Histogram analysis of en face scattering coefficient map predicts malignancy in human ovarian tissue. Journal of Biophotonics, 2019, 12, e201900115.	2.3	11
18	E-Cigarette Use, Small Airway Fibrosis, and Constrictive Bronchiolitis. , 2022, 1, .		11

#	ARTICLE	IF	CITATIONS
19	Adaptive Boosting (AdaBoost)-based multiwavelength spatial frequency domain imaging and characterization for ex vivo human colorectal tissue assessment. Journal of Biophotonics, 2020, 13, e201960241.	2.3	9
20	Rapid non-destructive volumetric tumor yield assessment in fresh lung core needle biopsies using polarization sensitive optical coherence tomography. Biomedical Optics Express, 2021, 12, 5597.	2.9	9
21	Polarization-Sensitive Endobronchial Optical Coherence Tomography for Microscopic Imaging of Fibrosis in Interstitial Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 905-910.	5.6	8
22	Label-free quantitative optical assessment of human colon tissue using spatial frequency domain imaging. Techniques in Coloproctology, 2018, 22, 617-621.	1.8	7
23	Chapter 10 Full-Field Optical Coherence Tomography and Microscopy Using Spatially Incoherent Monochromatic Light. , 2016, , 357-392.		3
24	Feasibility study of spatial frequency domain imaging using a handheld miniaturized projector and rigid endoscope. Proceedings of SPIE, 2017, , .	0.8	2
25	Dual-mode photoacoustic and ultrasound system for real-time in-vivo ovarian cancer imaging. , 2018, , .		2
26	Reply to: Endobronchial Optical Coherence Tomography: Shining New Light on Diagnosing UIP?. American Journal of Respiratory and Critical Care Medicine, 2022, , .	5.6	2
27	Classification of human ovarian tissue using full field optical coherence tomography. , 2017, , .		1
28	A multi spectral hand-held spatial frequency domain imaging system for imaging human colorectal cancer. , 2019, , .		1
29	In vivo diagnosis of idiopathic pulmonary fibrosis (IPF) using endobronchial OCT (Conference) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T		1
30	A compact and cost-efficient photoacoustic microscopy system with a pulsed laser diode excitation. , 2015, , .		0
31	Estimation of elastic parameters of ovarian tissue using phase stabilized swept source optical-coherence tomography. , 2015, , .		0
32	3D visualization of the ovarian tissue scattering coefficient with swept-source optical coherence tomography. , 2018, , .		0
33	Co-registered photoacoustic and ultrasound real-time imaging of colorectal cancer: ex-vivo studies. , 2019, , .		0
34	Optimizing light delivery through ball-shaped multimode fiber tips in co-registered photoacoustic and ultrasound endo-cavity imaging: simulation and experimental validation. , 2019, , .		0
35	Ultrasound and acoustic resolution photoacoustic microscopy: a novel modality for surveilling human rectal cancer after therapy. , 2019, , .		0
36	Assessment of human colorectal cancer using co-registered photoacoustic and ultrasound tomography system. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
37	Deep learning based endobronchial optical coherence tomography for assessment of interstitial lung disease. , 2022, , .		0