

Kelsey Marie Kennedy

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,770
citations

430874

18
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

1409
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical palpation for tumor margin assessment in breast-conserving surgery. Biomedical Optics Express, 2021, 12, 1666.	2.9	10
2	Diagnostic Accuracy of Quantitative Micro-Elastography for Margin Assessment in Breast-Conserving Surgery. Cancer Research, 2020, 80, 1773-1783.	0.9	54
3	Immune-mediated ECM depletion improves tumour perfusion and payload delivery. EMBO Molecular Medicine, 2019, 11, e10923.	6.9	23
4	Wide-field quantitative micro-elastography of human breast tissue. Biomedical Optics Express, 2018, 9, 1082.	2.9	44
5	Clinical feasibility of optical coherence micro-elastography for imaging tumor margins in breast-conserving surgery. Biomedical Optics Express, 2018, 9, 6331.	2.9	20
6	Cell-matrix mechanical interaction in electrospun polymeric scaffolds for tissue engineering: Implications for scaffold design and performance. Acta Biomaterialia, 2017, 50, 41-55.	8.3	152
7	Skin Tissue Engineering: Biological Performance of Electrospun Polymer Scaffolds and Translational Challenges. Regenerative Engineering and Translational Medicine, 2017, 3, 201-214.	2.9	14
8	In vivo volumetric quantitative micro-elastography of human skin. Biomedical Optics Express, 2017, 8, 2458.	2.9	27
9	Investigation of optical coherence micro-elastography as a method to visualize micro-architecture in human axillary lymph nodes. BMC Cancer, 2016, 16, 874.	2.6	9
10	Quantitative micro-elastography: imaging of tissue elasticity using compression optical coherence elastography. Scientific Reports, 2015, 5, 15538.	3.3	192
11	Sensitivity and resolution in optical coherence micro-elastography. , 2015, , .		2
12	In vivo optical elastography: stress and strain imaging of human skin lesions. , 2015, , .		2
13	Optical palpation <i>in vivo</i> : imaging human skin lesions using mechanical contrast. Journal of Biomedical Optics, 2015, 20, 016013.	2.6	24
14	Optical Coherence Elastography. Optics and Photonics News, 2015, 26, 32.	0.5	2
15	Investigation of Optical Coherence Microelastography as a Method to Visualize Cancers in Human Breast Tissue. Cancer Research, 2015, 75, 3236-3245.	0.9	91
16	Optical Coherence Elastography. , 2015, , 1007-1054.		11
17	Quantifying Tissue Stiffness and the Effect of Nonlinearity using Compression Optical Coherence Elastography. , 2015, , .		1
18	Three-dimensional compression optical coherence elastography of skeletal muscle tissue. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Optical coherence micro-elastography: mechanical-contrast imaging of tissue microstructure. Biomedical Optics Express, 2014, 5, 2113.	2.9	132
20	Three-dimensional optical coherence micro-elastography of skeletal muscle tissue. Biomedical Optics Express, 2014, 5, 3090.	2.9	29
21	Optical palpation: optical coherence tomography-based tactile imaging using a compliant sensor. Optics Letters, 2014, 39, 3014.	3.3	87
22	A Review of Optical Coherence Elastography: Fundamentals, Techniques and Prospects. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 272-288.	2.9	249
23	Measuring elastic contrast in tissue using OCT needle probes. Proceedings of SPIE, 2013, , .	0.8	1
24	Needle optical coherence elastography for the measurement of microscale mechanical contrast deep within human breast tissues. Journal of Biomedical Optics, 2013, 18, 121510.	2.6	70
25	Analysis of mechanical contrast in optical coherence elastography. Journal of Biomedical Optics, 2013, 18, 121508.	2.6	62
26	Optical coherence elastography: Strain imaging in tissue using optical coherence tomography. , 2012, , .		0
27	Review of tissue simulating phantoms with controllable optical, mechanical and structural properties for use in optical coherence tomography. Biomedical Optics Express, 2012, 3, 1381.	2.9	193
28	Strain estimation in phase-sensitive optical coherence elastography. Biomedical Optics Express, 2012, 3, 1865.	2.9	157
29	Improved measurement of vibration amplitude in dynamic optical coherence elastography. Biomedical Optics Express, 2012, 3, 3138.	2.9	30
30	Needle optical coherence elastography for tissue boundary detection. Optics Letters, 2012, 37, 2310.	3.3	80
31	A new method of optical biopsy: demonstration of mechanical contrast in deep tissue using an optical coherence elastography needle probe. Proceedings of SPIE, 2012, , .	0.8	2