Saba Adabi

List of Publications by Year
in descending order

19 papers	474 citations	933447 10 h-index
19 all docs	19 docs citations	19 times ranked

1125743
13 g-index

433 citing authors

#	Article	IF	Citations
1	Double-Stage Delay Multiply and Sum Beamforming Algorithm: Application to Linear-Array Photoacoustic Imaging. IEEE Transactions on Biomedical Engineering, 2018, 65, 31-42.	4.2	147
2	Linear-array photoacoustic imaging using minimum variance-based delay multiply and sum adaptive beamforming algorithm. Journal of Biomedical Optics, 2018, 23, 1.	2.6	90
3	Universal in vivo Textural Model for Human Skin based on Optical Coherence Tomograms. Scientific Reports, 2017, 7, 17912.	3.3	63
4	Semi-automated localization of dermal epidermal junction in optical coherence tomography images of skin. Applied Optics, 2017, 56, 3116.	2.1	36
5	Learnable despeckling framework for optical coherence tomography images. Journal of Biomedical Optics, 2018, 23, 1.	2.6	33
6	Optical Coherence Tomography Technology and Quality Improvement Methods for Optical Coherence Tomography Images of Skin: A Short Review. Biomedical Engineering and Computational Biology, 2017, 8, 117959721771347.	2.0	30
7	An overview of methods to mitigate artifacts in optical coherence tomography imaging of the skin. Skin Research and Technology, 2018, 24, 265-273.	1.6	20
8	High-resolution wavelet-fractal compressed optical coherence tomography images. Applied Optics, 2017, 56, 1119.	2.1	15
9	Swept-Source Optical Coherence Tomographyâ€"Supervised Biopsy. Dermatologic Surgery, 2018, 44, 768-775.	0.8	14
10	Acoustoelasticity Analysis of Transient Waves for Non-Invasive In Vivo Assessment of Urinary Bladder. Scientific Reports, 2019, 9, 2441.	3.3	10
11	An Intelligent Speckle Reduction Algorithm for Optical Coherence Tomography Images. , 2016, , .		6
12	Functional photoacoustic tomography for neonatal brain imaging: developments and challenges. , 2017, , .		3
13	Noise reduction in OCT skin images. Proceedings of SPIE, 2017, , .	0.8	2
14	A spatially-variant deconvolution method based on total variation for optical coherence tomography images. , 2017, , .		2
15	Speckle reduction of OCT images using an adaptive cluster-based filtering. Proceedings of SPIE, 2017, , .	0.8	1
16	An intelligent despeckling method for swept source optical coherence tomography images of skin. Proceedings of SPIE, 2017, , .	0.8	1
17	Mitigation of Speckle Noise in Optical Coherence Tomograms. Springer Series in Optical Sciences, 2018, , 115-135.	0.7	1
18	Textural analysis of optical coherence tomography skin images: quantitative differentiation between healthy and cancerous tissues. , 2017, , .		0

#	Article	IF	Citations
19	A novel dermo-epidermal localization algorithm for swept source OCT images of human skin. Proceedings of SPIE, 2017, , .	0.8	0