

Sherif S Sherif

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

272
citations

1478505

6
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical coherence tomography: fundamental principles, instrumental designs and biomedical applications. <i>Biophysical Reviews</i> , 2011, 3, 155-169.	3.2	143
2	Assessment of Fusarium and Deoxynivalenol Using Optical Methods. <i>Food and Bioprocess Technology</i> , 2017, 10, 34-50.	4.7	30
3	Improved importance sampling for Monte Carlo simulation of time-domain optical coherence tomography. <i>Biomedical Optics Express</i> , 2011, 2, 1069.	2.9	22
4	Monte Carlo simulation of optical coherence tomography for turbid media with arbitrary spatial distributions. <i>Journal of Biomedical Optics</i> , 2014, 19, 046001.	2.6	22
5	Fast calculation of multipath diffusive reflectance in optical coherence tomography. <i>Biomedical Optics Express</i> , 2012, 3, 692.	2.9	18
6	Review of Biomedical Applications of Contactless Imaging of Neonates Using Infrared Thermography and Beyond. <i>Methods and Protocols</i> , 2018, 1, 39.	2.0	13
7	Massively parallel simulator of optical coherence tomography of inhomogeneous turbid media. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 150, 97-105.	4.7	5
8	Kronecker least angle regression for unsupervised unmixing of hyperspectral imaging data. <i>Signal, Image and Video Processing</i> , 2020, 14, 359-367.	2.7	5
9	Generalized Image Reconstruction in Optical Coherence Tomography Using Redundant and Non-Uniformly-Spaced Samples. <i>Sensors</i> , 2021, 21, 7057.	3.8	3
10	Almost instantaneous Monte Carlo calculation of optical coherence tomography signal using graphic processing unit. , 2013, , .		2
11	Sparsity in Bayesian Signal Estimation. , 2017, , .		2
12	Tensor Least Angle Regression for Sparse Representations of Multidimensional Signals. <i>Neural Computation</i> , 2020, 32, 1697-1732.	2.2	2
13	Detection of Fusarium on Wheat using near infrared hyperspectral imaging. , 2016, , .		1
14	Correlation of microscopic textural features and degree of polymerization for thermally deteriorated cellulose insulation. , 2016, , .		1
15	Vascular plaque detection with reduced textural feature set from optical coherence tomography images. , 2016, , .		1
16	Robust tracking of multiple objects in video by adaptive fusion of subband particle filters. <i>IET Computer Vision</i> , 2018, 12, 1207-1218.	2.0	1
17	Statistical Estimation of wear in permanent teeth: A systematic review. , 2021, 1, 100001.		1
18	Quantification of changes in surface texture of thermally-aged kraft paper using orthogonal wavelets. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Monte Carlo Methods for Simulation of Optical Coherence Tomography of Turbid Media. , 2019, , .		0
20	Multilinear Compressed Sensing using Tensor Least Angle Regression (T-LARS). , 2022, , .		0