Sherif S Sherif

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2670875/publications.pdf

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	Multilinear Compressed Sensing using Tensor Least Angle Regression (T-LARS). , 2022, , .		0
2	Generalized Image Reconstruction in Optical Coherence Tomography Using Redundant and Non-Uniformly-Spaced Samples. Sensors, 2021, 21, 7057.	3.8	3
3	Statistical Estimation of wear in permanent teeth: A systematic review. , 2021, 1, 100001.		1
4	Kronecker least angle regression for unsupervised unmixing of hyperspectral imaging data. Signal, Image and Video Processing, 2020, 14, 359-367.	2.7	5
5	Tensor Least Angle Regression for Sparse Representations of Multidimensional Signals. Neural Computation, 2020, 32, 1697-1732.	2.2	2
6	Monte Carlo Methods for Simulation of Optical Coherence Tomography of Turbid Media. , 2019, , .		0
7	Review of Biomedical Applications of Contactless Imaging of Neonates Using Infrared Thermography and Beyond. Methods and Protocols, 2018, 1, 39.	2.0	13
8	Robust tracking of multiple objects in video by adaptive fusion of subband particle filters. IET Computer Vision, 2018, 12, 1207-1218.	2.0	1
9	Massively parallel simulator of optical coherence tomography of inhomogeneous turbid media. Computer Methods and Programs in Biomedicine, 2017, 150, 97-105.	4.7	5
10	Assessment of Fusarium and Deoxynivalenol Using Optical Methods. Food and Bioprocess Technology, 2017, 10, 34-50.	4.7	30
11	Quantification of changes in surface texture of thermally-aged kraft paper using orthogonal wavelets. , 2017, , .		0
12	Sparsity in Bayesian Signal Estimation. , 2017, , .		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	Monte Carlo simulation of optical coherence tomography for turbid media with arbitrary spatial distributions. Journal of Biomedical Optics, 2014, 19, 046001.	2.6	22
17	Almost instantaneous Monte Carlo calculation of optical coherence tomography signal using graphic processing unit. , 2013, , .		2
18	Fast calculation of multipath diffusive reflectance in optical coherence tomography. Biomedical Optics Express, 2012, 3, 692.	2.9	18

#	Article	IF	Citations
19	Improved importance sampling for Monte Carlo simulation of time-domain optical coherence tomography. Biomedical Optics Express, 2011, 2, 1069.	2.9	22
20	Optical coherence tomography: fundamental principles, instrumental designs and biomedical applications. Biophysical Reviews, 2011, 3, 155-169.	3.2	143