

Bryan Williams

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

596
citations

933447

10
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	Ensemble-Based Bounding Box Regression for Enhanced Knuckle Localization. <i>Sensors</i> , 2022, 22, 1569.	3.8	1
2	Robust Brain Age Estimation Based on sMRI via Nonlinear Age-Adaptive Ensemble Learning. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 2146-2156.	4.9	2
3	EffUnet-SpaGen: An Efficient and Spatial Generative Approach to Glaucoma Detection. <i>Journal of Imaging</i> , 2021, 7, 92.	3.0	8
4	Accurate, fast, data efficient and interpretable glaucoma diagnosis with automated spatial analysis of the whole cup to disc profile. <i>PLoS ONE</i> , 2019, 14, e0209409.	2.5	27
5	Differentiating Generic versus Branded Pharmaceutical Tablets Using Ultra-High-Resolution Optical Coherence Tomography. <i>Coatings</i> , 2019, 9, 326.	2.6	4
6	Sub-surface imaging of soiled cotton fabric using full-field optical coherence tomography. <i>Optics Express</i> , 2019, 27, 13951.	3.4	7
7	Multiscale sequential convolutional neural networks for simultaneous detection of fovea and optic disc. <i>Biomedical Signal Processing and Control</i> , 2018, 40, 91-101.	5.7	96
8	Automatic Detection and Distinction of Retinal Vessel Bifurcations and Crossings in Colour Fundus Photography. <i>Journal of Imaging</i> , 2018, 4, 4.	3.0	15
9	Dense Fully Convolutional Segmentation of the Optic Disc and Cup in Colour Fundus for Glaucoma Diagnosis. <i>Symmetry</i> , 2018, 10, 87.	2.2	131
10	Imaging of Corneal Neovascularization: Optical Coherence Tomography Angiography and Fluorescence Angiography. , 2018, 59, 1263.		47
11	Supercontinuum ultra-high resolution line-field OCT; experimental spectrograph comparison and comparison with current clinical OCT systems by the imaging of a human cornea. , 2018, , .		3
12	Measurement of the Intertablet Coating Uniformity of a Pharmaceutical Pan Coating Process With Combined Terahertz and Optical Coherence Tomography In-Line Sensing. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1075-1084.	3.3	69
13	Fast Blur Detection and Parametric Deconvolution of Retinal Fundus Images. <i>Lecture Notes in Computer Science</i> , 2017, , 194-201.	1.3	5
14	A Novel Choroid Segmentation Method for Retinal Diagnosis Using Deep Learning. , 2017, , .		5
15	FCNN: Fourier Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2017, , 786-798.	1.3	55
16	Deformation velocity imaging using optical coherence tomography and its applications to the cornea. <i>Biomedical Optics Express</i> , 2017, 8, 5579.	2.9	22
17	Non-destructive analysis of flake properties in automotive paints with full-field optical coherence tomography and 3D segmentation. <i>Optics Express</i> , 2017, 25, 18614.	3.4	22
18	Scan-Less Line Field Optical Coherence Tomography, with Automatic Image Segmentation, as a Measurement Tool for Automotive Coatings. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 351.	2.5	15

#	ARTICLE	IF	CITATIONS
19	Applications of optical coherence tomography in the non-contact assessment of automotive paints. , 2017, , .		3
20	Studying the pharmaceutical film coating process with terahertz sensing, optical coherence tomography and numerical modelling. , 2016, , .		2
21	High resolution corneal and single pulse imaging with line field spectral domain optical coherence tomography. Optics Express, 2016, 24, 12395.	3.4	31
22	An effective variational model for simultaneous reconstruction and segmentation of blurred images. Journal of Algorithms and Computational Technology, 2016, 10, 244-264.	0.7	4
23	A new image deconvolution method with fractional regularisation. Journal of Algorithms and Computational Technology, 2016, 10, 265-276.	0.7	9
24	A new constrained total variational deblurring model and its fast algorithm. Numerical Algorithms, 2015, 69, 415-441.	1.9	5