

Segmenting Retinal Blood Vessels With<?Pub _newline

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Advanced deep learning for blood vessel segmentation in retinal fundus images. , 2017, , .		1
2	Fully Automated Deep Learning System for Bone Age Assessment. Journal of Digital Imaging, 2017, 30, 427-441.	1.6	317
3	Segmentation of optic disc, fovea and retinal vasculature using a single convolutional neural network. Journal of Computational Science, 2017, 20, 70-79.	1.5	196
4	Contrast normalization steps for increased sensitivity of a retinal image segmentation method. Signal, Image and Video Processing, 2017, 11, 1509-1517.	1.7	37
5	DeepPap: Deep Convolutional Networks for Cervical Cell Classification. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1633-1643.	3.9	317
6	Computerised approaches for the detection of diabetic retinopathy using retinal fundus images: a survey. Pattern Analysis and Applications, 2017, 20, 927-961.	3.1	46
7	Multi-level deep supervised networks for retinal vessel segmentation. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 2181-2193.	1.7	140
8	Augmenting data when training a CNN for retinal vessel segmentation: How to warp?. , 2017, , .		26
9	A review of feature-based retinal image analysis. Expert Review of Ophthalmology, 2017, 12, 207-220.	0.3	24
10	Recent Advancements in Retinal Vessel Segmentation. Journal of Medical Systems, 2017, 41, 70.	2.2	100
11	Spatial Enhancement by Dehazing for Detection of Microcalcifications with Convolutional Nets. Lecture Notes in Computer Science, 2017, , 288-298.	1.0	9
12	Multi-level deep neural network for efficient segmentation of blood vessels in fundus images. Electronics Letters, 2017, 53, 1096-1098.	0.5	37
13	Vascular tree tracking and bifurcation points detection in retinal images using a hierarchical probabilistic model. Computer Methods and Programs in Biomedicine, 2017, 151, 139-149.	2.6	16
14	Detection of Curved Lines with B-COSFIRE Filters: A Case Study on Crack Delineation. Lecture Notes in Computer Science, 2017, , 108-120.	1.0	17
15	Segmentation of Retinal Blood Vessels Using Dictionary Learning Techniques. Lecture Notes in Computer Science, 2017, , 83-91.	1.0	2
16	Delineation of line patterns in images using B-COSFIRE filters. , 2017, , .		12
17	Open source software for automatic detection of cone photoreceptors in adaptive optics ophthalmoscopy using convolutional neural networks. Scientific Reports, 2017, 7, 6620.	1.6	65
18	Automated segmentation of exudates, haemorrhages, microaneurysms using single convolutional neural network. Information Sciences, 2017, 420, 66-76.	4.0	210

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20	Towards Detecting High-Uptake Lesions from Lung CT Scans Using Deep Learning. Lecture Notes in Computer Science, 2017, , 310-320.	1.0	6
21	Fingerprint Segmentation via Convolutional Neural Networks. Lecture Notes in Computer Science, 2017, , 324-333.	1.0	6
22	Pixel-Level Deep Segmentation: Artificial Intelligence Quantifies Muscle on Computed Tomography for Body Morphometric Analysis. Journal of Digital Imaging, 2017, 30, 487-498.	1.6	134
23	A fully convolutional neural network based structured prediction approach towards the retinal vessel segmentation. , 2017, , .		162
24	Semantic Category-Based Classification Using Nonlinear Features and Wavelet Coefficients of Brain Signals. Cognitive Computation, 2017, 9, 702-711.	3.6	11
25	Segment 2D and 3D Filaments by Learning Structured and Contextual Features. IEEE Transactions on Medical Imaging, 2017, 36, 596-606.	5.4	39
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27	The Effect of Mammogram Preprocessing on Microcalcification Detection with Convolutional Neural Networks. , 2017, , .		9
28	Illumination Correction by Dehazing for Retinal Vessel Segmentation. , 2017, , .		17
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31	Retinal blood vessel segmentation based on the Gaussian matched filter and U-net. , 2017, , .		26
32	A pilot study to utilize a deep convolutional network to segment lungs with complex opacities. , 2017, , .		3
33	Patch-based fully convolutional neural network with skip connections for retinal blood vessel segmentation. , 2017, , .		38
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52	Learning to Play <i>Othello</i> With Deep Neural Networks. IEEE Transactions on Games, 2018, 10, 354-364.	1.2	12
53	Psoriasis skin biopsy image segmentation using Deep Convolutional Neural Network. Computer Methods and Programs in Biomedicine, 2018, 159, 59-69.	2.6	49
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