

# Jiayang Xie

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

149  
citations

7  
h-index

12  
g-index

18  
ext. papers

235  
ext. citations

5.4  
avg, IF

3.11  
L-index

#	Paper	IF	Citations
17	ROSE: A Retinal OCT-Angiography Vessel Segmentation Dataset and New Model. <i>IEEE Transactions on Medical Imaging</i> , <b>2021</b> , 40, 928-939	11.7	40
16	Retinal Vascular Network Topology Reconstruction and Artery/Vein Classification via Dominant Set Clustering. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 341-356	11.7	25
15	Retinal Artery and Vein Classification via Dominant Sets Clustering-Based Vascular Topology Estimation. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 56-64	0.9	24
14	Automated Tortuosity Analysis of Nerve Fibers in Corneal Confocal Microscopy. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 2725-2737	11.7	16
13	Corneal nerve tortuosity grading via ordered weighted averaging-based feature extraction. <i>Medical Physics</i> , <b>2020</b> , 47, 4983-4996	4.4	11
12	<b>2019</b> ,		7
11	Retinal vascular segmentation using superpixel-based line operator and its application to vascular topology estimation. <i>Medical Physics</i> , <b>2018</b> , 45, 3132-3146	4.4	7
10	Retinal vascular topology estimation via dominant sets clustering <b>2018</b> ,		4
9	Classification of Retinal Vessels into Artery-Vein in OCT Angiography Guided by Fundus Images. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 117-127	0.9	4
8	A Density and Reliability Guided Aggregation for the Assessment of Vessels and Nerve Fibres Tortuosity. <i>IEEE Access</i> , <b>2020</b> , 8, 139199-139211	3.5	4
7	3D Vessel Reconstruction In Oct-Angiography Via Depth Map Estimation <b>2021</b> ,		3
6	Quantification of Increased Corneal Subbasal Nerve Tortuosity in Dry Eye Disease and Its Correlation With Clinical Parameters. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 26	3.3	3
5	Cross-Domain Depth Estimation Network for 3D Vessel Reconstruction in OCT Angiography. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 13-23	0.9	1
4	Corrections to Automated Tortuosity Analysis of Nerve Fibers in Corneal Confocal Microscopy <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 3758-3758	11.7	0
3	Outer Retinal Layer Thickness Changes in White Matter Hyperintensity and Parkinson's Disease. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 741651	5.1	0
2	Superficial Macula Capillary Complexity Changes Are Associated With Disability in Neuromyelitis Optica Spectrum Disorders. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 724946	4.1	0
1	Automatic Sequence-Based Network for Lung Diseases Detection in Chest CT.. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 781798	5.3	

