Jianyang Xie

List of Publications by Year in Descending Order

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