Zhi Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3700627/publications.pdf

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25	231	1478505 6	1058476 14
papers	citations	h-index	g-index

34	34	34	354
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fibrous Cap Thickness Predicts Stable Coronary Plaque Progression: Early Clinical Validation of a Semiautomated OCT Technology. , 2022, , 100400.		2
2	Donor specific anti-HLA antibodies and cardiac allograft vasculopathy: A prospective study using highly automated 3-D optical coherence tomography analysis. Transplant Immunology, 2021, 65, 101340.	1.2	5
3	Coronary artery disease prediction based on breast arterial calcification in women undergoing mammography as a screening for breast cancer. Menopause, 2021, Publish Ahead of Print, 787-791.	2.0	1
4	Endothelial dysfunction assessed by digital tonometry and discrepancy between fraction flow reserve and instantaneous wave free ratio. Acta Cardiologica, 2020, 75, 323-328.	0.9	2
5	LOGISMOS-JEI: Segmentation using optimal graph search and just-enough interaction. , 2020, , 249-272.		7
6	Heart rate and early progression of cardiac allograft vasculopathy: A prospective study using highly automated 3â€D optical coherence tomography analysis. Clinical Transplantation, 2020, 34, e13773.	1.6	4
7	Quantitative Assessment and Prediction of Coronary Plaque Development Using Serial Intravascular Ultrasound and Virtual Histology. , 2020, , 121-140.		1
8	Intravitreal Fluocinolone Acetonide May Decelerate Diabetic Retinal Neurodegeneration. , 2019, 60, 2134.		12
9	Early detection of cardiac allograft vasculopathy using highly automated 3-dimensional optical coherence tomography analysis. Journal of Heart and Lung Transplantation, 2018, 37, 992-1000.	0.6	26
10	Predicting Locations of High-Risk Plaques in Coronary Arteries in Patients Receiving Statin Therapy. IEEE Transactions on Medical Imaging, 2018, 37, 151-161.	8.9	17
11	Validation of new marker of fluid responsiveness based on Doppler assessment of blood flow velocity in superior vena cava in mechanically ventilated pigs. Intensive Care Medicine Experimental, 2018, 6, 36.	1.9	0
12	Quantitative 3D Analysis of Coronary Wall Morphology in Heart Transplant Patients: OCT-Assessed Cardiac Allograft Vasculopathy Progression. Medical Image Analysis, 2018, 50, 95-105.	11.6	19
13	Pathologic Intimal Thickening Plaque Phenotype: Not as Innocent as Previously Thought. A Serial 3D Intravascular Ultrasound Virtual Histology Study. Revista Espanola De Cardiologia (English Ed), 2017, 70, 25-33.	0.6	2
14	Plaque volume and plaque risk profile in diabetic vs. non-diabetic patients undergoing lipid-lowering therapy: a study based on 3D intravascular ultrasound and virtual histology. Cardiovascular Diabetology, 2017, 16, 156.	6.8	18
15	Comprehensive serial study of dynamic remodeling of atherosclerotic coronary arteries using IVUS. Proceedings of SPIE, 2016, , .	0.8	0
16	TCT-96 Progression of coronary atherosclerosis despite lipid-lowering therapy in diabetic patients compared to non-dibetic ones. Study with 3D intravascular ultrasound and virtual histology. Journal of the American College of Cardiology, 2016, 68, B39.	2.8	0
17	Location-specific prediction of vulnerable plaque using IVUS, virtual histology, and spatial context. , 2016, , .		2
18	Evaluation of Variable Thin-Cap Fibroatheroma Definitions and Association of Virtual Histology-Intravascular Ultrasound Findings With Cavity Rupture Size. American Journal of Cardiology, 2016, 118, 162-169.	1.6	1

#	Article	IF	Citations
19	Non-invasive endothelial function assessment using digital reactive hyperaemia correlates with three-dimensional intravascular ultrasound and virtual histology-derived plaque volume and plaque phenotype. Kardiologia Polska, 2016, 74, 1485-1491.	0.6	3
20	Simultaneous Registration of Location and Orientation in Intravascular Ultrasound Pullbacks Pairs Via 3D Graph-Based Optimization. IEEE Transactions on Medical Imaging, 2015, 34, 2550-2561.	8.9	23
21	An integrated framework for spatio-temporal registration of intravascular ultrasound pullbacks. , 2015, , .		0
22	Joint registration of location and orientation of intravascular ultrasound pullbacks using a 3D graph based method. Proceedings of SPIE, 2015, , .	0.8	2
23	Prospective Prediction of Thin-Cap Fibroatheromas from Baseline Virtual Histology Intravascular Ultrasound Data. Lecture Notes in Computer Science, 2015, , 603-610.	1.3	4
24	TCT-355 An Automated Computational Method for Quantification of Total Fibrous Cap Volume and Mean Fibrous Cap Thickness with Optical Coherence Tomography. Journal of the American College of Cardiology, 2015, 66, B143-B144.	2.8	1
25	Segmentation of cytoplasm and nuclei of abnormal cells in cervical cytology using global and local graph cuts. Computerized Medical Imaging and Graphics, 2014, 38, 369-380.	5.8	76