Haibo Jia

List of Publications by Year
in descending order

72 papers	3,377 citations	257450 24 h-index	149698 56 g-index
81 all docs	81 docs citations	81 times ranked	2859 citing authors

#	Article	IF	Citations
1	InÂVivo Diagnosis of Plaque Erosion and Calcified Nodule in Patients With Acute Coronary Syndrome by Intravascular Optical Coherence Tomography. Journal of the American College of Cardiology, 2013, 62, 1748-1758.	2.8	648
2	Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. European Heart Journal, 2018, 39, 3281-3300.	2.2	431
3	Effective anti-thrombotic therapy without stenting: intravascular optical coherence tomography-based management in plaque erosion (the EROSION study). European Heart Journal, 2017, 38, ehw381.	2.2	214
4	Clinical use of intracoronary imaging. Part 2: acute coronary syndromes, ambiguous coronary angiography findings, and guiding interventional decision-making: an expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. European Heart Journal, 2019, 40, 2566-2584.	2.2	189
5	Distinct Morphological Features of RupturedÂCulprit Plaque for Acute Coronary Events Compared to Those With Silent RuptureÂand Thin-Cap Fibroatheroma. Journal of the American College of Cardiology, 2014, 63, 2209-2216.	2.8	179
6	Predictors for Neoatherosclerosis. Circulation: Cardiovascular Imaging, 2012, 5, 660-666.	2.6	143
7	Prevalence and Characteristics ofÂTCFA and Degree of Coronary Artery Stenosis. Journal of the American College of Cardiology, 2014, 64, 672-680.	2.8	131
8	In vivo predictors of plaque erosion in patients with ST-segment elevation myocardial infarction: a clinical, angiographical, and intravascular optical coherence tomography study. European Heart Journal, 2018, 39, 2077-2085.	2.2	123
9	EROSION Study (Effective Anti-Thrombotic Therapy Without Stenting: Intravascular Optical Coherence) Tj ETQq1 1 0.784314 rgBT /Ove 10, .	3.9	113
10	Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. EuroIntervention, 2018, 14, 656-677.	3.2	92
11	Inhibition of MicroRNA let-7i Depresses Maturation and Functional State of Dendritic Cells in Response to Lipopolysaccharide Stimulation via Targeting Suppressor of Cytokine Signaling 1. Journal of Immunology, 2011, 187, 1674-1683.	0.8	74
12	Pancoronary plaque vulnerability in patients with acute coronary syndrome and ruptured culprit plaque: A 3-vessel optical coherence tomography study. American Heart Journal, 2014, 167, 59-67.	2.7	74
13	Comparison of Intensive Versus Moderate Lipid-Lowering Therapy on Fibrous Cap and Atheroma Volume of Coronary Lipid-Rich Plaque Using Serial Optical Coherence Tomography and Intravascular Ultrasound Imaging. American Journal of Cardiology, 2016, 117, 800-806.	1.6	73
14	Nonculprit Coronary Plaque Characteristics of Chronic Kidney Disease. Circulation: Cardiovascular Imaging, 2013, 6, 448-456.	2.6	69
15	Artificial intelligence and optical coherence tomography for the automatic characterisation of human atherosclerotic plaques. EuroIntervention, 2021, 17, 41-50.	3.2	55
16	Management and Outcome of Patients With Acute Coronary Syndrome Caused by Plaque Rupture Versus Plaque Erosion: AnÂIntravascular Optical Coherence Tomography Study. Journal of the American Heart Association, 2017, 6, .	3.7	51
17	OCT Assessment of Allograft Vasculopathy in Heart Transplant Recipients. JACC: Cardiovascular Imaging, 2012, 5, 662-663.	5.3	48
18	Residual Thrombus PatternÂinÂPatients With ST-Segment Elevation Myocardial Infarction Caused by Plaque Erosion Versus Plaque Rupture After Successful Fibrinolysis. Journal of the American College of Cardiology, 2014, 63, 1336-1338.	2.8	44

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19	The protective effect of quercetin on macrophage pyroptosis via TLR2/Myd88/NF-ÎºB and ROS/AMPK pathway. Life Sciences, 2022, 291, 120064.	4.3	43
20	Correlation Between Degree of Neointimal Hyperplasia and Incidence and Characteristics of Neoatherosclerosis as Assessed by Optical Coherence Tomography. American Journal of Cardiology, 2013, 112, 1315-1321.	1.6	41
21	Prevalence and prognostic significance of DNMT3A- and TET2- clonal haematopoiesis-driver mutations in patients presenting with ST-segment elevation myocardial infarction. EBioMedicine, 2022, 78, 103964.	6.1	30
22	Pancoronary Plaque Characteristics in STEMI Caused by Culprit Plaque Erosion Versus Rupture. JACC: Cardiovascular Imaging, 2021, 14, 1235-1245.	5.3	29
23	Characteristics and significance of healed plaques in patients with acute coronary syndrome and stable angina: an in vivo OCT and IVUS study. EuroIntervention, 2019, 15, e771-e778.	3.2	29
24	Comparison by Optical Coherence Tomography of the Frequency of Lipid Coronary Plaques in Current Smokers, Former Smokers, and Nonsmokers. American Journal of Cardiology, 2014, 114, 674-680.	1.6	27
25	Predictors of non-stenting strategy for acute coronary syndrome caused by plaque erosion: four-year outcomes of the EROSION study. EuroIntervention, 2021, 17, 497-505.	3.2	27
26	Plaque erosion delays vascular healing after drug eluting stent implantation in patients with acute coronary syndrome. Catheterization and Cardiovascular Interventions, 2017, 89, 592-600.	1.7	26
27	EROSION III. JACC: Cardiovascular Interventions, 2022, 15, 846-856.	2.9	25
28	Spatial heterogeneity of neoatherosclerosis and its relationship with neovascularization and adjacent plaque characteristics: Optical coherence tomography study. American Heart Journal, 2014, 167, 884-892.e2.	2.7	24
29	Patterns of coronary plaque progression. Coronary Artery Disease, 2016, 27, 658-666.	0.7	20
30	Non-culprit plaque characteristics in acute coronary syndrome patients with raised hemoglobinA1c: an intravascular optical coherence tomography study. Cardiovascular Diabetology, 2018, 17, 90.	6.8	20
31	Ferroptosis: A Potential Target in Cardiovascular Disease. Frontiers in Cell and Developmental Biology, 2021, 9, 813668.	3.7	20
32	Neointimal tissue characteristics following sirolimus-eluting stent implantation: OCT quantitative tissue property analysis. International Journal of Cardiovascular Imaging, 2012, 28, 1879-1886.	1.5	19
33	Optical Coherence Tomography Guidance in Management of Acute Coronary Syndrome Caused by Plaque Erosion. Circulation Journal, 2018, 82, 302-308.	1.6	19
34	Insights into the spatial distribution of lipid-rich plaques in relation to coronary artery bifurcations. Coronary Artery Disease, 2015, 26, 133-141.	0.7	14
35	The Effect of Blood Pressure Variability on Coronary Atherosclerosis Plaques. Frontiers in Cardiovascular Medicine, 2022, 9, 803810.	2.4	14
36	Plaque Erosion: A Distinctive Pathological Mechanism of Acute Coronary Syndrome. Frontiers in Cardiovascular Medicine, 2021, 8, 711453.	2.4	13

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37	Computer-Aided Image Analysis Algorithm to Enhance In Vivo Diagnosis of Plaque Erosion by Intravascular Optical Coherence Tomography. Circulation: Cardiovascular Imaging, 2014, 7, 805-810.	2.6	12
38	Knockout of tnni1b in zebrafish causes defects in atrioventricular valve development via the inhibition of the myocardial wnt signaling pathway. FASEB Journal, 2019, 33, 696-710.	0.5	12
39	Comprehensive Assessment of Coronary Calcification in Intravascular OCT Using a Spatial-Temporal Encoder-Decoder Network. IEEE Transactions on Medical Imaging, 2022, 41, 857-868.	8.9	11
40	Ticagrelor immediately prior to stenting is associated with smaller residual thrombus in patients with acute coronary syndrome. International Journal of Cardiology, 2013, 168, 3099-3101.	1.7	9
41	Morphologic characteristics of eroded coronary plaques: a combined angiographic, optical coherence tomography, and intravascular ultrasound study. International Journal of Cardiology, 2014, 176, e137-e139.	1.7	9
42	Three-dimensional morphological response of lipid-rich coronary plaques to statin therapy. Coronary Artery Disease, 2016, 27, 350-356.	0.7	9
43	Chronic kidney disease predicts coronary plaque vulnerability. Coronary Artery Disease, 2017, 28, 135-144.	0.7	9
44	Risk Stratification in Acute Coronary Syndrome by Comprehensive Morphofunctional Assessment With Optical Coherence Tomography. JACC Asia, 2022, 2, 460-472.	1.5	9
45	Is age an important factor for vascular response to statin therapy? A serial optical coherence tomography and intravascular ultrasound study. Coronary Artery Disease, 2017, 28, 209-217.	0.7	8
46	High Levels of Circulating MicroRNA-3667-3p Are Associated with Coronary Plaque Erosion in Patients with ST-Segment Elevation Myocardial Infarction. International Heart Journal, 2019, 60, 1061-1069.	1.0	8
47	Changes in coronary plaque morphology in patients with acute coronary syndrome versus stable angina pectoris after initiation of statin therapy. Coronary Artery Disease, 2016, 27, 629-635.	0.7	7
48	TNF-Î± is a Novel Biomarker for Predicting Plaque Rupture in Patients with ST-Segment Elevation Myocardial Infarction. Journal of Inflammation Research, 2022, Volume 15, 1889-1898.	3.5	7
49	Evaluation of culprit lesions by optical coherence tomography in patients with ST-elevation myocardial infarction. International Journal of Cardiology, 2013, 168, 1592-1593.	1.7	6
50	Plaque Erosion. JACC: Cardiovascular Interventions, 2014, 7, e63-e64.	2.9	6
51	Does spotty calcification attenuate the response of nonculprit plaque to statin therapy?: A serial optical coherence tomography study. Catheterization and Cardiovascular Interventions, 2018, 91, 582-590.	1.7	6
52	Focal Geometry and Characteristics of Erosion-Prone Coronary Plaques in vivo Angiography and Optical Coherence Tomography Study. Frontiers in Cardiovascular Medicine, 2021, 8, 709480.	2.4	6
53	Bivalirudin versus unfractionated heparin for residual thrombus burden: A frequencyâ€domain optical coherence tomography study. Catheterization and Cardiovascular Interventions, 2015, 85, 575-582.	1.7	5
54	Impacts of lesion angle on incidence and distribution of acute vessel wall injuries and strut malapposition after drug-eluting stent implantation assessed by optical coherence tomography. European Heart Journal Cardiovascular Imaging, 2015, 16, 1390-1398.	1.2	5

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55	Optical Coherence Tomographic Evaluation of the Effect of Cigarette Smoking on Vascular Healing After Sirolimus-Eluting Stent Implantation. American Journal of Cardiology, 2015, 115, 751-757.	1.6	5
56	Serial Optical Coherence Tomography and Intravascular Ultrasound Analysis of Gender Difference in Changes of Plaque Phenotype in Response to Lipid-Lowering Therapy. American Journal of Cardiology, 2016, 117, 1890-1895.	1.6	5
57	Fibroblast growth factor-21 as a novel metabolic factor for regulating thrombotic homeostasis. Scientific Reports, 2022, 12, 400.	3.3	5
58	Classification of Culprit Ruptured Plaque Morphologies in Patients With STEMI. JACC: Cardiovascular Imaging, 2019, 12, 2077-2079.	5.3	4
59	In Vivo Detection of Plaque Erosion by Intravascular Optical Coherence Tomography Using Artificial Intelligence. Biomedical Optics Express, 0, , .	2.9	4
60	Nonangiographic assessment of coronary artery disease. Coronary Artery Disease, 2014, 25, 608-618.	0.7	3
61	Artificial Intelligenceâ€"A Good Assistant to Multi-Modality Imaging in Managing Acute Coronary Syndrome. Frontiers in Cardiovascular Medicine, 2021, 8, 782971.	2.4	3
62	Feasibility and Safety of Very-Low Contrast Combined Ringer's Solution in Optical Coherence Tomography Imaging. Frontiers in Cardiovascular Medicine, 2022, 9, 844114.	2.4	3
63	Impact of nodular calcification in patients with acute coronary syndrome (ACS) treated with primary percutaneous coronary intervention (PCI). BMC Cardiovascular Disorders, 2022, 22, 103.	1.7	3
64	Impact of vessel curvature on neointimal healing after stent implantation as assessed by optical coherence tomography. Medicine (United States), 2018, 97, e0518.	1.0	2
65	Optical Coherence Tomography-Based Patient-Specific Residual Multi-Thrombus Coronary Plaque Models With Fluidâ€"Structure Interaction for Better Treatment Decisions: A Biomechanical Modeling Case Study. Journal of Biomechanical Engineering, 2021, 143, .	1.3	2
66	Impact of statins therapy on morphological changes in lipid-rich plaques stratified by 10-Year framingham risk score: A serial optical coherence tomography study. Oncotarget, 2017, 8, 27401-27411.	1.8	2
67	Association of the age shock index with coronary plaque characteristics in <scp>ST</scp>â€segment elevation myocardial infarction: A 3â€vessel optical coherence tomography study. Catheterization and Cardiovascular Interventions, 2021, 97, 1080-1088.	1.7	1
68	Interpretation of optical coherence tomography images. Lancet, The, 2014, 383, 1887.	13.7	0
69	Role of Optical Coherence Tomography in Diagnosis and Treatment of Patients with Acute Coronary Syndrome. Cardiovascular Innovations and Applications, 2017, 2, .	0.3	0
70	Is the effect of atorvastatin 60â€‰mg on stabilization of lipidâ€rich plaque equivalent to that of rosuvastatin 10 mg? A serial optical coherence tomography combined with intravascular ultrasound imaging. Catheterization and Cardiovascular Interventions, 2021, 97, 1097-1107.	1.7	0
71	Optical coherence tomography and tailored treatment of in-stent restenosis. EuroIntervention, 2021, 17, e399-e400.	3.2	0
72	Automatic assessment of calcified plaque and nodule by optical coherence tomography adopting deep learning model. International Journal of Cardiovascular Imaging, 0, , .	0.6	0