

# Haibo Jia

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

3,377  
citations

257101

24  
h-index

149479

56  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2859  
citing authors

#	ARTICLE	IF	CITATIONS
1	The protective effect of quercetin on macrophage pyroptosis via TLR2/Myd88/NF- $\kappa$ B and ROS/AMPK pathway. <i>Life Sciences</i> , 2022, 291, 120064.	2.0	43
2	Comprehensive Assessment of Coronary Calcification in Intravascular OCT Using a Spatial-Temporal Encoder-Decoder Network. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 857-868.	5.4	11
3	Fibroblast growth factor-21 as a novel metabolic factor for regulating thrombotic homeostasis. <i>Scientific Reports</i> , 2022, 12, 400.	1.6	5
4	The Effect of Blood Pressure Variability on Coronary Atherosclerosis Plaques. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 803810.	1.1	14
5	Feasibility and Safety of Very-Low Contrast Combined Ringer's Solution in Optical Coherence Tomography Imaging. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 844114.	1.1	3
6	TNF- $\alpha$ is a Novel Biomarker for Predicting Plaque Rupture in Patients with ST-Segment Elevation Myocardial Infarction. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 1889-1898.	1.6	7
7	Impact of nodular calcification in patients with acute coronary syndrome (ACS) treated with primary percutaneous coronary intervention (PCI). <i>BMC Cardiovascular Disorders</i> , 2022, 22, 103.	0.7	3
8	EROSION III. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 846-856.	1.1	25
9	Prevalence and prognostic significance of DNMT3A- and TET2- clonal haematopoiesis-driver mutations in patients presenting with ST-segment elevation myocardial infarction. <i>EBioMedicine</i> , 2022, 78, 103964.	2.7	30
10	Risk Stratification in Acute Coronary Syndrome by Comprehensive Morphofunctional Assessment With Optical Coherence Tomography. <i>JACC Asia</i> , 2022, 2, 460-472.	0.5	9
11	Pancoronary Plaque Characteristics in STEMI Caused by Culprit Plaque Erosion Versus Rupture. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1235-1245.	2.3	29
12	Association of the age shock index with coronary plaque characteristics in <sc>ST</sc>-segment elevation myocardial infarction: A 3â€ vessel optical coherence tomography study. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 1080-1088.	0.7	1
13	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. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 1097-1107.	0.7	0
14	Artificial intelligence and optical coherence tomography for the automatic characterisation of human atherosclerotic plaques. <i>EuroIntervention</i> , 2021, 17, 41-50.	1.4	55
15	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. <i>Journal of Biomechanical Engineering</i> , 2021, 143, .	0.6	2
16	Predictors of non-stenting strategy for acute coronary syndrome caused by plaque erosion: four-year outcomes of the EROSION study. <i>EuroIntervention</i> , 2021, 17, 497-505.	1.4	27
17	Optical coherence tomography and tailored treatment of in-stent restenosis. <i>EuroIntervention</i> , 2021, 17, e399-e400.	1.4	0
18	Focal Geometry and Characteristics of Erosion-Prone Coronary Plaques in vivo Angiography and Optical Coherence Tomography Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 709480.	1.1	6

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19	Plaque Erosion: A Distinctive Pathological Mechanism of Acute Coronary Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 711453.	1.1	13
20	Ferroptosis: A Potential Target in Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 813668.	1.8	20
21	Artificial Intelligence—A Good Assistant to Multi-Modality Imaging in Managing Acute Coronary Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 782971.	1.1	3
22	Knockout of <i>tnni1b</i> in zebrafish causes defects in atrioventricular valve development via the inhibition of the myocardial wnt signaling pathway. <i>FASEB Journal</i> , 2019, 33, 696-710.	0.2	12
23	Classification of Culprit Ruptured Plaque Morphologies in Patients With STEMI. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2077-2079.	2.3	4
24	High Levels of Circulating MicroRNA-3667-3p Are Associated with Coronary Plaque Erosion in Patients with ST-Segment Elevation Myocardial Infarction. <i>International Heart Journal</i> , 2019, 60, 1061-1069.	0.5	8
25	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. <i>European Heart Journal</i> , 2019, 40, 2566-2584.	1.0	189
26	Characteristics and significance of healed plaques in patients with acute coronary syndrome and stable angina: an in vivo OCT and IVUS study. <i>EuroIntervention</i> , 2019, 15, e771-e778.	1.4	29
27	Impact of vessel curvature on neointimal healing after stent implantation as assessed by optical coherence tomography. <i>Medicine (United States)</i> , 2018, 97, e0518.	0.4	2
28	Optical Coherence Tomography Guidance in Management of Acute Coronary Syndrome Caused by Plaque Erosion. <i>Circulation Journal</i> , 2018, 82, 302-308.	0.7	19
29	Does spotty calcification attenuate the response of nonculprit plaque to statin therapy?: A serial optical coherence tomography study. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 91, 582-590.	0.7	6
30	In vivo predictors of plaque erosion in patients with ST-segment elevation myocardial infarction: a clinical, angiographical, and intravascular optical coherence tomography study. <i>European Heart Journal</i> , 2018, 39, 2077-2085.	1.0	123
31	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. <i>European Heart Journal</i> , 2018, 39, 3281-3300.	1.0	431
32	Non-culprit plaque characteristics in acute coronary syndrome patients with raised hemoglobinA1c: an intravascular optical coherence tomography study. <i>Cardiovascular Diabetology</i> , 2018, 17, 90.	2.7	20
33	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. <i>EuroIntervention</i> , 2018, 14, 656-677.	1.4	92
34	Effective anti-thrombotic therapy without stenting: intravascular optical coherence tomography-based management in plaque erosion (the EROSION study). <i>European Heart Journal</i> , 2017, 38, ehw381.	1.0	214
35	Management and Outcome of Patients With Acute Coronary Syndrome Caused by Plaque Rupture Versus Plaque Erosion: An Intravascular Optical Coherence Tomography Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	51
36	Chronic kidney disease predicts coronary plaque vulnerability. <i>Coronary Artery Disease</i> , 2017, 28, 135-144.	0.3	9

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37	Plaque erosion delays vascular healing after drug eluting stent implantation in patients with acute coronary syndrome. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, 592-600.	0.7	26
38	Role of Optical Coherence Tomography in Diagnosis and Treatment of Patients with Acute Coronary Syndrome. <i>Cardiovascular Innovations and Applications</i> , 2017, 2, .	0.1	0
39	Is age an important factor for vascular response to statin therapy? A serial optical coherence tomography and intravascular ultrasound study. <i>Coronary Artery Disease</i> , 2017, 28, 209-217.	0.3	8
40	EROSION Study (Effective Anti-Thrombotic Therapy Without Stenting: Intravascular Optical Coherence) Tj ETQq0 0 0 rgBT /Overlock 10 10, .	1.4	113
41	Impact of statins therapy on morphological changes in lipid-rich plaques stratified by 10-Year framingham risk score: A serial optical coherence tomography study. <i>Oncotarget</i> , 2017, 8, 27401-27411.	0.8	2
42	Changes in coronary plaque morphology in patients with acute coronary syndrome versus stable angina pectoris after initiation of statin therapy. <i>Coronary Artery Disease</i> , 2016, 27, 629-635.	0.3	7
43	Serial Optical Coherence Tomography and Intravascular Ultrasound Analysis of Gender Difference in Changes of Plaque Phenotype in Response to Lipid-Lowering Therapy. <i>American Journal of Cardiology</i> , 2016, 117, 1890-1895.	0.7	5
44	Three-dimensional morphological response of lipid-rich coronary plaques to statin therapy. <i>Coronary Artery Disease</i> , 2016, 27, 350-356.	0.3	9
45	Patterns of coronary plaque progression. <i>Coronary Artery Disease</i> , 2016, 27, 658-666.	0.3	20
46	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. <i>American Journal of Cardiology</i> , 2016, 117, 800-806.	0.7	73
47	Bivalirudin versus unfractionated heparin for residual thrombus burden: A frequency-domain optical coherence tomography study. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, 575-582.	0.7	5
48	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. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1390-1398.	0.5	5
49	Optical Coherence Tomographic Evaluation of the Effect of Cigarette Smoking on Vascular Healing After Sirolimus-Eluting Stent Implantation. <i>American Journal of Cardiology</i> , 2015, 115, 751-757.	0.7	5
50	Insights into the spatial distribution of lipid-rich plaques in relation to coronary artery bifurcations. <i>Coronary Artery Disease</i> , 2015, 26, 133-141.	0.3	14
51	Computer-Aided Image Analysis Algorithm to Enhance In Vivo Diagnosis of Plaque Erosion by Intravascular Optical Coherence Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 805-810.	1.3	12
52	Nonangiographic assessment of coronary artery disease. <i>Coronary Artery Disease</i> , 2014, 25, 608-618.	0.3	3
53	Residual Thrombus Pattern in Patients With ST-Segment Elevation Myocardial Infarction Caused by Plaque Erosion Versus Plaque Rupture After Successful Fibrinolysis. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1336-1338.	1.2	44
54	Pancoronary plaque vulnerability in patients with acute coronary syndrome and ruptured culprit plaque: A 3-vessel optical coherence tomography study. <i>American Heart Journal</i> , 2014, 167, 59-67.	1.2	74

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55	Distinct Morphological Features of Ruptured Culprit Plaque for Acute Coronary Events Compared to Those With Silent Rupture and Thin-Cap Fibroatheroma. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2209-2216.	1.2	179
56	Plaque Erosion. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, e63-e64.	1.1	6
57	Comparison by Optical Coherence Tomography of the Frequency of Lipid Coronary Plaques in Current Smokers, Former Smokers, and Nonsmokers. <i>American Journal of Cardiology</i> , 2014, 114, 674-680.	0.7	27
58	Prevalence and Characteristics of CFA and Degree of Coronary Artery Stenosis. <i>Journal of the American College of Cardiology</i> , 2014, 64, 672-680.	1.2	131
59	Morphologic characteristics of eroded coronary plaques: a combined angiographic, optical coherence tomography, and intravascular ultrasound study. <i>International Journal of Cardiology</i> , 2014, 176, e137-e139.	0.8	9
60	Spatial heterogeneity of neoatherosclerosis and its relationship with neovascularization and adjacent plaque characteristics: Optical coherence tomography study. <i>American Heart Journal</i> , 2014, 167, 884-892.e2.	1.2	24
61	Interpretation of optical coherence tomography images. <i>Lancet, The</i> , 2014, 383, 1887.	6.3	0
62	Evaluation of culprit lesions by optical coherence tomography in patients with ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2013, 168, 1592-1593.	0.8	6
63	In Vivo Diagnosis of Plaque Erosion and Calcified Nodule in Patients With Acute Coronary Syndrome by Intravascular Optical Coherence Tomography. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1748-1758.	1.2	648
64	Correlation Between Degree of Neointimal Hyperplasia and Incidence and Characteristics of Neoatherosclerosis as Assessed by Optical Coherence Tomography. <i>American Journal of Cardiology</i> , 2013, 112, 1315-1321.	0.7	41
65	Ticagrelor immediately prior to stenting is associated with smaller residual thrombus in patients with acute coronary syndrome. <i>International Journal of Cardiology</i> , 2013, 168, 3099-3101.	0.8	9
66	Nonculprit Coronary Plaque Characteristics of Chronic Kidney Disease. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 448-456.	1.3	69
67	Neointimal tissue characteristics following sirolimus-eluting stent implantation: OCT quantitative tissue property analysis. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 1879-1886.	0.7	19
68	OCT Assessment of Allograft Vasculopathy in Heart Transplant Recipients. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 662-663.	2.3	48
69	Predictors for Neoatherosclerosis. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 660-666.	1.3	143
70	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. <i>Journal of Immunology</i> , 2011, 187, 1674-1683.	0.4	74
71	In Vivo Detection of Plaque Erosion by Intravascular Optical Coherence Tomography Using Artificial Intelligence. <i>Biomedical Optics Express</i> , 0, , .	1.5	4
72	Automatic assessment of calcified plaque and nodule by optical coherence tomography adopting deep learning model. <i>International Journal of Cardiovascular Imaging</i> , 0, , .	0.2	0