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List of Publications by Year in descending order

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76
papers

3,003
citations

257357

24
h-index

168321

53
g-index

82
all docs

82
docs citations

82
times ranked

3316
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Nonculprit Plaques in Patients With Acute Coronary Syndromes Have More Vulnerable Features Compared With Those With Non-acute Coronary Syndromes. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 433-440.	1.3	188
3	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
4	Predictors for Neoatherosclerosis. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 660-666.	1.3	143
5	Clinical Significance of Lipid-Rich Plaque Detected by Optical Coherence Tomography. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2502-2513.	1.2	142
6	Prevalence and Characteristics of TCFA and Degree of Coronary Artery Stenosis. <i>Journal of the American College of Cardiology</i> , 2014, 64, 672-680.	1.2	131
7	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
8	Novel Mechanism of Inhibition of Dendritic Cells Maturation by Mesenchymal Stem Cells via Interleukin-10 and the JAK1/STAT3 Signaling Pathway. <i>PLoS ONE</i> , 2013, 8, e55487.	1.1	111
9	Comparison of Nonculprit Coronary Plaque Characteristics Between Patients With and Without Diabetes. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 1150-1158.	1.1	106
10	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
11	Expression profiling and ontology analysis of long noncoding RNAs in post-ischemic heart and their implied roles in ischemia/reperfusion injury. <i>Gene</i> , 2014, 543, 15-21.	1.0	65
12	Effect of exercise-based cardiac rehabilitation on anxiety and depression in patients with myocardial infarction: A systematic review and meta-analysis. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2019, 48, 1-7.	0.8	61
13	Prevalence and Predictors of Multiple Coronary Plaque Ruptures. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2229-2238.	1.1	55
14	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
15	Chimaphilin induces apoptosis in human breast cancer MCF-7 cells through a ROS-mediated mitochondrial pathway. <i>Food and Chemical Toxicology</i> , 2014, 70, 1-8.	1.8	50
16	OCT Assessment of Allograft Vasculopathy in Heart Transplant Recipients. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 662-663.	2.3	48
17	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
18	Association between cholesterol crystals and culprit lesion vulnerability in patients with acute coronary syndrome: An optical coherence tomography study. <i>Atherosclerosis</i> , 2016, 247, 111-117.	0.4	44

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19	The protective effect of quercetin on macrophage pyroptosis via TLR2/Myd88/NF- κ B and ROS/AMPK pathway. <i>Life Sciences</i> , 2022, 291, 120064.	2.0	43
20	Angiopoietin-Like 4 Confers Resistance to Hypoxia/Serum Deprivation-Induced Apoptosis through PI3K/Akt and ERK1/2 Signaling Pathways in Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2014, 9, e85808.	1.1	36
21	Large-scale Metabolomic Analysis Reveals Potential Biomarkers for Early Stage Coronary Atherosclerosis. <i>Scientific Reports</i> , 2017, 7, 11817.	1.6	34
22	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
23	Pancoronary Plaque Characteristics in STEMI Caused by Culprit Plaque Erosion Versus Rupture. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1235-1245.	2.3	29
24	Type D Personality and Coronary Plaque Vulnerability in Patients With Coronary Artery Disease: An Optical Coherence Tomography Study. <i>Psychosomatic Medicine</i> , 2016, 78, 583-592.	1.3	26
25	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
26	EROSION III. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 846-856.	1.1	25
27	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
28	Comparison of optical coherence tomography and intravascular ultrasound for evaluation of coronary lipid-rich atherosclerotic plaque progression and regression. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1374-1380.	0.5	24
29	Prognostic Value of Type D Personality for In-stent Restenosis in Coronary Artery Disease Patients Treated With Drug-Eluting Stent. <i>Psychosomatic Medicine</i> , 2018, 80, 95-102.	1.3	22
30	The inhibitory effect of dexamethasone on platelet-derived growth factor-induced vascular smooth muscle cell migration through up-regulating PGC-1 β expression. <i>Experimental Cell Research</i> , 2011, 317, 1083-1092.	1.2	21
31	Sca-1-Positive Cardiac Stem Cell migration in a Cardiac Infarction Model. <i>Inflammation</i> , 2013, 36, 738-749.	1.7	21
32	Culprit lesion morphology in young patients with ST-segment elevated myocardial infarction: A clinical, angiographic and optical coherence tomography study. <i>Atherosclerosis</i> , 2019, 289, 94-100.	0.4	21
33	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
34	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
35	Wnt1 Inhibits Hydrogen Peroxide-Induced Apoptosis in Mouse Cardiac Stem Cells. <i>PLoS ONE</i> , 2013, 8, e58883.	1.1	19
36	Biomechanical Stretch Induces Inflammation, Proliferation, and Migration by Activating NFAT5 in Arterial Smooth Muscle Cells. <i>Inflammation</i> , 2017, 40, 2129-2136.	1.7	17

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37	miR199a-3p regulates P53 by targeting CABLES1 in mouse cardiac c-kit+ cells to promote proliferation and inhibit apoptosis through a negative feedback loop. <i>Stem Cell Research and Therapy</i> , 2017, 8, 127.	2.4	17
38	Type D personality and coronary atherosclerotic plaque vulnerability: The potential mediating effect of health behavior. <i>Journal of Psychosomatic Research</i> , 2018, 108, 54-60.	1.2	17
39	Relation Between Superficial Calcifications and Plaque Rupture: An Optical Coherence Tomography Study. <i>Canadian Journal of Cardiology</i> , 2017, 33, 991-997.	0.8	14
40	Multimodality Molecular Imaging of Cardiovascular Disease Based on Nanoprobes. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 1401-1415.	1.1	14
41	The negative affectivity dimension of Type D personality is associated with in-stent neoatherosclerosis in coronary patients with percutaneous coronary intervention: An optical coherence tomography study. <i>Journal of Psychosomatic Research</i> , 2019, 120, 20-28.	1.2	14
42	Revisiting Tumors and the Cardiovascular System: Mechanistic Intersections and Divergences in Ferroptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	1.9	14
43	The association between glucose-related variables and plaque morphology in patients with ST-segment elevated myocardial infarction. <i>Cardiovascular Diabetology</i> , 2020, 19, 109.	2.7	14
44	Chronic total occlusion is associated with a higher incidence of malapposition and uncovered stent struts: OCT findings at 6 months following DES implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, 582-591.	0.7	13
45	A novel polymer-free paclitaxel-eluting stent with a nanoporous surface for rapid endothelialization and inhibition of intimal hyperplasia: Comparison with a polymer-based sirolimus-eluting stent and bare metal stent in a porcine model. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 98A, 629-637.	2.1	12
46	Impact of type D personality on major adverse cardiac events in patients undergoing percutaneous coronary intervention: The mediating role of cognitive appraisal and coping style. <i>Journal of Psychosomatic Research</i> , 2020, 136, 110192.	1.2	11
47	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
48	Three-dimensional morphological response of lipid-rich coronary plaques to statin therapy. <i>Coronary Artery Disease</i> , 2016, 27, 350-356.	0.3	9
49	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
50	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
51	Association of circulating levels of neopterin with non-culprit plaque vulnerability in CAD patients an angiogram, optical coherent tomography and intravascular ultrasound study. <i>Atherosclerosis</i> , 2015, 241, 138-142.	0.4	7
52	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
53	Lipid-lowering therapy stabilizes the complexity of non-culprit plaques in human coronary artery: a quantitative assessment using OCT bright spot algorithm. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 453-461.	0.7	7
54	The protective role of peroxisome proliferator-activated receptor δ coactivator-1 in hyperthyroid cardiac hypertrophy. <i>Journal of Cellular Physiology</i> , 2012, 227, 3243-3253.	2.0	6

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55	The Immunosuppressant Protosappanin A Diminished Recipient T Cell Migration into Allograft via Inhibition of IP-10 in Rat Heart Transplant. <i>PLoS ONE</i> , 2014, 9, e96138.	1.1	6
56	Statin-induced improvements in vulnerable plaques are attenuated in poorly controlled diabetic patients with coronary atherosclerosis disease: a serial optical coherence tomography analysis. <i>Acta Diabetologica</i> , 2016, 53, 999-1008.	1.2	6
57	Incidence and Morphological Predictors of Intrastent Coronary Thrombus After Drug-Eluting Stent Implantation (from a Multicenter Registry). <i>American Journal of Cardiology</i> , 2016, 117, 369-375.	0.7	6
58	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
59	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
60	Correlation of Serum Uric Acid Levels with Nonculprit Plaque Instability in Patients with Acute Coronary Syndromes: A 3-Vessel Optical Coherence Tomography Study. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	5
61	Using literature-based discovery to identify candidate genes for the interaction between myocardial infarction and depression. <i>BMC Medical Genetics</i> , 2019, 20, 104.	2.1	5
62	Monocrotaline pyrrole enhanced bone morphogenetic protein 7 signaling transduced by alternative activin A receptor type 2A in pulmonary arterial smooth muscle cells. <i>European Journal of Pharmacology</i> , 2019, 863, 172679.	1.7	5
63	Fibroblast growth factor-21 as a novel metabolic factor for regulating thrombotic homeostasis. <i>Scientific Reports</i> , 2022, 12, 400.	1.6	5
64	The Potential Mediating Effects of Inflammation on the Association Between Type D Personality and Coronary Plaque Vulnerability in Patients With Coronary Artery Disease: An Optical Coherence Tomography Study. <i>Psychosomatic Medicine</i> , 2022, 84, 468-477.	1.3	5
65	A novel swine model for evaluation of dyslipidemia and atherosclerosis induced by human CETP overexpression. <i>Lipids in Health and Disease</i> , 2017, 16, 169.	1.2	4
66	Classification of Culprit Ruptured Plaque Morphologies in Patients With STEMI. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2077-2079.	2.3	4
67	Prolonged dual antiplatelet therapy in patients with non- σ ST-segment elevation myocardial infarction: 2-year findings from EPICOR Asia. <i>Clinical Cardiology</i> , 2020, 43, 346-354.	0.7	4
68	Identification and characterization of a novel porcine endothelial cell-specific promoter. <i>Xenotransplantation</i> , 2013, 20, 438-448.	1.6	3
69	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
70	The combined impact of Type D personality and depression on cardiovascular events after acute myocardial infarction. <i>Psychological Medicine</i> , 0, , 1-11.	2.7	2
71	Comparison of coronary arterial lumen dimensions on angiography and plaque characteristics on optical coherence tomography images and their changes induced by statin. <i>BMC Medical Imaging</i> , 2016, 16, 63.	1.4	1
72	Evaluation of the characterization of thrombi in vitro by optical coherence tomography. <i>International Journal of Cardiology</i> , 2016, 220, 116-121.	0.8	1

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73	Association of the age shock index with coronary plaque characteristics in <scp>ST</scp>-segment elevation myocardial infarction: A 3â€vessel optical coherence tomography study. Catheterization and Cardiovascular Interventions, 2021, 97, 1080-1088.	0.7	1
74	In vivo evidence of atherosclerotic plaque erosion and healing in patients with acute coronary syndrome using serial optical coherence tomography imaging. American Heart Journal, 2022, 243, 66-76.	1.2	1
75	OUP accepted manuscript. European Journal of Preventive Cardiology, 2021, , .	0.8	1
76	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.	0.7	0