

Renu Virmani

List of Publications by Year in descending order

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Version: 2024-02-01

401
papers

66,603
citations

640

123
h-index

735

251
g-index

418
all docs

418
docs citations

418
times ranked

32585
citing authors

#	ARTICLE	IF	CITATIONS
1	Lessons From Sudden Coronary Death. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1262-1275.	1.1	3,597
2	Pathology of Drug-Eluting Stents in Humans. <i>Journal of the American College of Cardiology</i> , 2006, 48, 193-202.	1.2	2,537
3	Pathology of the Vulnerable Plaque. <i>Journal of the American College of Cardiology</i> , 2006, 47, C13-C18.	1.2	2,019
4	Coronary Risk Factors and Plaque Morphology in Men with Coronary Disease Who Died Suddenly. <i>New England Journal of Medicine</i> , 1997, 336, 1276-1282.	13.9	1,576
5	Mechanisms of Plaque Formation and Rupture. <i>Circulation Research</i> , 2014, 114, 1852-1866.	2.0	1,560
6	Consensus Standards for Acquisition, Measurement, and Reporting of Intravascular Optical Coherence Tomography Studies. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1058-1072.	1.2	1,530
7	Localized Hypersensitivity and Late Coronary Thrombosis Secondary to a Sirolimus-Eluting Stent. <i>Circulation</i> , 2004, 109, 701-705.	1.6	1,385
8	Intraplaque Hemorrhage and Progression of Coronary Atheroma. <i>New England Journal of Medicine</i> , 2003, 349, 2316-2325.	13.9	1,319
9	Computed Tomographic Angiography Characteristics of Atherosclerotic Plaques Subsequently Resulting in Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2009, 54, 49-57.	1.2	1,255
10	Pathological Correlates of Late Drug-Eluting Stent Thrombosis. <i>Circulation</i> , 2007, 115, 2435-2441.	1.6	1,200
11	Atherosclerotic Plaque Progression and Vulnerability to Rupture. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2054-2061.	1.1	1,197
12	Coronary Plaque Erosion Without Rupture Into a Lipid Core. <i>Circulation</i> , 1996, 93, 1354-1363.	1.6	1,034
13	Concept of Vulnerable/Unstable Plaque. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1282-1292.	1.1	982
14	Multislice Computed Tomographic Characteristics of Coronary Lesions in Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2007, 50, 319-326.	1.2	936
15	Drug-Eluting Stent and Coronary Thrombosis. <i>Circulation</i> , 2007, 115, 1051-1058.	1.6	850
16	Update on acute coronary syndromes: the pathologists' view. <i>European Heart Journal</i> , 2013, 34, 719-728.	1.0	849
17	The Pathology of Neoatherosclerosis in Human Coronary Implants. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1314-1322.	1.2	834
18	Vascular Responses to Drug Eluting Stents. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1500-1510.	1.1	826

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19	Healed Plaque Ruptures and Sudden Coronary Death. <i>Circulation</i> , 2001, 103, 934-940.	1.6	823
20	Pathology of Acute and Chronic Coronary Stenting in Humans. <i>Circulation</i> , 1999, 99, 44-52.	1.6	821
21	Delayed Arterial Healing and Increased Late Stent Thrombosis at Culprit Sites After Drug-Eluting Stent Placement for Acute Myocardial Infarction Patients. <i>Circulation</i> , 2008, 118, 1138-1145.	1.6	818
22	InÂVivo 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
23	Macrophage Myeloperoxidase Regulation by Granulocyte Macrophage Colony-Stimulating Factor in Human Atherosclerosis and Implications in Acute Coronary Syndromes. <i>American Journal of Pathology</i> , 2001, 158, 879-891.	1.9	632
24	Endothelial Cell Recovery Between Comparator Polymer-Based Drug-Eluting Stents. <i>Journal of the American College of Cardiology</i> , 2008, 52, 333-342.	1.2	594
25	The thin-cap fibroatheroma: a type of vulnerable plaque: The major precursor lesion to acute coronary syndromes. <i>Current Opinion in Cardiology</i> , 2001, 16, 285-292.	0.8	584
26	Hypersensitivity Cases Associated With Drug-Eluting Coronary Stents. <i>Journal of the American College of Cardiology</i> , 2006, 47, 175-181.	1.2	567
27	Differential Response of Delayed Healing and Persistent Inflammation at Sites of Overlapping Sirolimus- or Paclitaxel-Eluting Stents. <i>Circulation</i> , 2005, 112, 270-278.	1.6	560
28	The Impact of Calcification on the Biomechanical Stability of Atherosclerotic Plaques. <i>Circulation</i> , 2001, 103, 1051-1056.	1.6	538
29	Morphological Predictors of Restenosis After Coronary Stenting in Humans. <i>Circulation</i> , 2002, 105, 2974-2980.	1.6	533
30	Morphological Predictors of Arterial Remodeling in Coronary Atherosclerosis. <i>Circulation</i> , 2002, 105, 297-303.	1.6	479
31	Terminology for high-risk and vulnerable coronary artery plaques. <i>European Heart Journal</i> , 2004, 25, 1077-1082.	1.0	478
32	A hypothesis for vulnerable plaque rupture due to stress-induced debonding around cellular microcalcifications in thin fibrous caps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14678-14683.	3.3	472
33	Morphologic Findings of Coronary Atherosclerotic Plaques in Diabetics. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1266-1271.	1.1	467
34	Pathological Mechanisms of Fatal Late Coronary Stent Thrombosis in Humans. <i>Circulation</i> , 2003, 108, 1701-1706.	1.6	464
35	Correlation of Intravascular Ultrasound Findings With Histopathological Analysis of Thrombus Aspirates in Patients With Very Late Drug-Eluting Stent Thrombosis. <i>Circulation</i> , 2009, 120, 391-399.	1.6	441
36	Histopathologic Characteristics of Atherosclerotic Coronary Disease and Implications of the Findings for the Invasive and Noninvasive Detection of Vulnerable Plaques. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1041-1051.	1.2	438

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37	Atherosclerotic plaque rupture in symptomatic carotid artery stenosis. <i>Journal of Vascular Surgery</i> , 1996, 23, 755-766.	0.6	422
38	Pathology of Second-Generation Everolimus-Eluting Stents Versus First-Generation Sirolimus- and Paclitaxel-Eluting Stents in Humans. <i>Circulation</i> , 2014, 129, 211-223.	1.6	422
39	Vulnerable Plaque: The Pathology of Unstable Coronary Lesions. <i>Journal of Interventional Cardiology</i> , 2002, 15, 439-446.	0.5	412
40	Effect of Risk Factors on the Mechanism of Acute Thrombosis and Sudden Coronary Death in Women. <i>Circulation</i> , 1998, 97, 2110-2116.	1.6	409
41	Protection Against Cerebral Embolism During Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2017, 69, 367-377.	1.2	405
42	Pathophysiology of native coronary, vein graft, and in-stent atherosclerosis. <i>Nature Reviews Cardiology</i> , 2016, 13, 79-98.	6.1	399
43	Plaque Rupture and Sudden Death Related to Exertion in Men With Coronary Artery Disease. <i>JAMA - Journal of the American Medical Association</i> , 1999, 281, 921.	3.8	386
44	Pathological Analysis of Local Delivery of Paclitaxel Via a Polymer-Coated Stent. <i>Circulation</i> , 2001, 104, 473-479.	1.6	384
45	Has Our Understanding of Calcification in Human Coronary Atherosclerosis Progressed?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 724-736.	1.1	372
46	Neoatherosclerosis: overview of histopathologic findings and implications for intravascular imaging assessment. <i>European Heart Journal</i> , 2015, 36, 2147-2159.	1.0	362
47	Biomechanical factors in atherosclerosis: mechanisms and clinical implications. <i>European Heart Journal</i> , 2014, 35, 3013-3020.	1.0	359
48	Advanced Atherosclerotic Lesions in the Innominate Artery of the ApoE Knockout Mouse. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 2587-2592.	1.1	357
49	Pathology of Human Coronary and Carotid Artery Atherosclerosis and Vascular Calcification in Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 191-204.	1.1	352
50	Detection of Lipid Core Coronary Plaques in Autopsy Specimens With a Novel Catheter-Based Near-Infrared Spectroscopy System. <i>JACC: Cardiovascular Imaging</i> , 2008, 1, 638-648.	2.3	351
51	Elevated C-Reactive Protein Values and Atherosclerosis in Sudden Coronary Death. <i>Circulation</i> , 2002, 105, 2019-2023.	1.6	347
52	Anatomic Assessment of Sympathetic Peri-Arterial Renal Nerves in Man. <i>Journal of the American College of Cardiology</i> , 2014, 64, 635-643.	1.2	343
53	In-Stent Neoatherosclerosis. <i>Journal of the American College of Cardiology</i> , 2012, 59, 2051-2057.	1.2	339
54	Pathophysiology of Atherosclerosis Plaque Progression. <i>Heart Lung and Circulation</i> , 2013, 22, 399-411.	0.2	336

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55	Localization of Apoptotic Macrophages at the Site of Plaque Rupture in Sudden Coronary Death. <i>American Journal of Pathology</i> , 2000, 157, 1259-1268.	1.9	335
56	Effects of Statins on Coronary Atherosclerotic Plaques. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1475-1484.	2.3	335
57	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2511-2522.	1.2	328
58	Frequency and Distribution of Thin-Cap Fibroatheroma and Ruptured Plaques in Human Coronary Arteries. <i>Journal of the American College of Cardiology</i> , 2007, 50, 940-949.	1.2	326
59	Imaging Atherosclerotic Plaque Inflammation by Fluorodeoxyglucose With Positron Emission Tomography. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2527-2535.	1.2	319
60	Sudden Coronary Death. <i>Circulation</i> , 1995, 92, 1701-1709.	1.6	317
61	The importance of the endothelium in atherothrombosis and coronary stenting. <i>Nature Reviews Cardiology</i> , 2012, 9, 439-453.	6.1	314
62	Thin-Walled Microvessels in Human Coronary Atherosclerotic Plaques Show Incomplete Endothelial Junctions. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1517-1527.	1.2	311
63	Examination of the In Vivo Mechanisms of Late Drug-Eluting Stent Thrombosis. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 12-20.	1.1	305
64	Lipoprotein-Associated Phospholipase A 2 Protein Expression in the Natural Progression of Human Coronary Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2523-2529.	1.1	304
65	Intraplaque haemorrhages as the trigger of plaque vulnerability. <i>European Heart Journal</i> , 2011, 32, 1977-1985.	1.0	298
66	Intracoronary Optical Coherence Tomography and Histology at 1 Month and 2, 3, and 4 Years After Implantation of Everolimus-Eluting Bioresorbable Vascular Scaffolds in a Porcine Coronary Artery Model. <i>Circulation</i> , 2010, 122, 2288-2300.	1.6	289
67	Biological responses in stented arteries. <i>Cardiovascular Research</i> , 2013, 99, 353-363.	1.8	288
68	Coronary Responses and Differential Mechanisms of Late Stent Thrombosis Attributed to First-Generation Sirolimus- and Paclitaxel-Eluting Stents. <i>Journal of the American College of Cardiology</i> , 2011, 57, 390-398.	1.2	283
69	Coronary Artery Calcification and Progression. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 127-142.	2.3	282
70	Drug-Eluting Stents in Preclinical Studies. <i>Circulation</i> , 2002, 106, 1867-1873.	1.6	271
71	Hemoglobin Directs Macrophage Differentiation and Prevents Foam Cell Formation in Human Atherosclerotic Plaques. <i>Journal of the American College of Cardiology</i> , 2012, 59, 166-177.	1.2	265
72	Differential Accumulation of Proteoglycans and Hyaluronan in Culprit Lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1642-1648.	1.1	252

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73	Left ventricular noncompaction: a pathological study of 14 cases†. <i>Human Pathology</i> , 2005, 36, 403-411.	1.1	246
74	Acute Coronary Events. <i>Circulation</i> , 2012, 125, 1147-1156.	1.6	244
75	Incidence and Predictors of Drug-Eluting Stent Fracture in Human Coronary Artery. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1924-1931.	1.2	229
76	Pathological Findings at Bifurcation Lesions. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1679-1687.	1.2	228
77	Relationship of Thrombus Healing to Underlying Plaque Morphology in Sudden Coronary Death. <i>Journal of the American College of Cardiology</i> , 2010, 55, 122-132.	1.2	226
78	Morphologic characteristics of lesion formation and time course of smooth muscle cell proliferation in a porcine proliferative restenosis model. <i>Journal of the American College of Cardiology</i> , 1994, 24, 1398-1405.	1.2	223
79	Sex differences in coronary artery disease: Pathological observations. <i>Atherosclerosis</i> , 2015, 239, 260-267.	0.4	223
80	Targeting macrophage necroptosis for therapeutic and diagnostic interventions in atherosclerosis. <i>Science Advances</i> , 2016, 2, e1600224.	4.7	214
81	Pathology of in-stent restenosis. <i>Current Opinion in Lipidology</i> , 1999, 10, 499-506.	1.2	211
82	CD163+ macrophages promote angiogenesis and vascular permeability accompanied by inflammation in atherosclerosis. <i>Journal of Clinical Investigation</i> , 2018, 128, 1106-1124.	3.9	209
83	The Napkin-Ring Sign: CT Signature of High-Risk Coronary Plaques?. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 440-444.	2.3	206
84	High Levels of Systemic Myeloperoxidase Are Associated With Coronary Plaque Erosion in Patients With Acute Coronary Syndromes. <i>Circulation</i> , 2010, 122, 2505-2513.	1.6	205
85	Clinical classification of plaque morphology in coronary disease. <i>Nature Reviews Cardiology</i> , 2014, 11, 379-389.	6.1	205
86	Histopathology of Embolic Debris Captured During Transcatheter Aortic Valve Replacement. <i>Circulation</i> , 2013, 127, 2194-2201.	1.6	204
87	A mechanistic analysis of the role of microcalcifications in atherosclerotic plaque stability: potential implications for plaque rupture. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H619-H628.	1.5	201
88	Drug-Eluting Stents in Preclinical Studies. <i>Circulation: Cardiovascular Interventions</i> , 2008, 1, 143-153.	1.4	197
89	Extracellular Matrix Changes in Stented Human Coronary Arteries. <i>Circulation</i> , 2004, 110, 940-947.	1.6	196
90	Microthrombi as a Major Cause of Cardiac Injury in COVID-19. <i>Circulation</i> , 2021, 143, 1031-1042.	1.6	196

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91	Pathophysiology of Calcium Deposition in Coronary Arteries. <i>Herz</i> , 2001, 26, 239-244.	0.4	194
92	Low-Grade Carotid Stenosis. <i>Stroke</i> , 2005, 36, 2504-2513.	1.0	194
93	The Napkin-Ring Sign Indicates Advanced Atherosclerotic Lesions in Coronary CT Angiography. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 1243-1252.	2.3	190
94	Comparison of Inflammatory Response After Implantation of Sirolimus- and Paclitaxel-Eluting Stents in Porcine Coronary Arteries. <i>Circulation</i> , 2009, 120, 141-149.	1.6	187
95	Transcatheter heart valve failure: a systematic review. <i>European Heart Journal</i> , 2015, 36, 1306-1327.	1.0	183
96	Pathology of Peripheral Artery Disease in Patients With Critical Limb Ischemia. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2152-2163.	1.2	181
97	Dissociation of Pentameric to Monomeric C-Reactive Protein Localizes and Aggravates Inflammation. <i>Circulation</i> , 2014, 130, 35-50.	1.6	179
98	Detection by Near-Infrared Spectroscopy of Large Lipid Core Plaques at Culprit Sites in Patients With Acute ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2013, 6, 838-846.	1.1	169
99	OCT-Based Diagnosis and Management of STEMI Associated With Intact Fibrous Cap. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 283-287.	2.3	167
100	Intracranial Vasa Vasorum: Insights and Implications for Imaging. <i>Radiology</i> , 2013, 267, 667-679.	3.6	163
101	A Comparison of the Framingham Risk Index, Coronary Artery Calcification, and Culprit Plaque Morphology in Sudden Cardiac Death. <i>Circulation</i> , 2000, 101, 1243-1248.	1.6	162
102	Sources of Error and Interpretation of Plaque Morphology by Optical Coherence Tomography. <i>American Journal of Cardiology</i> , 2006, 98, 156-159.	0.7	161
103	2-deoxy-2-[18F]fluoro-d-mannose positron emission tomography imaging in atherosclerosis. <i>Nature Medicine</i> , 2014, 20, 215-219.	15.2	159
104	Microemboli and Microvascular Obstruction in Acute Coronary Thrombosis and Sudden Coronary Death. <i>Journal of the American College of Cardiology</i> , 2009, 54, 2167-2173.	1.2	158
105	Oral Everolimus Inhibits In-Stent Neointimal Growth. <i>Circulation</i> , 2002, 106, 2379-2384.	1.6	157
106	Long-Term Safety of an Everolimus-Eluting Bioresorbable Vascular Scaffold and the Cobalt-Chromium XIENCE V Stent in a Porcine Coronary Artery Model. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 330-342.	1.4	153
107	Natural progression of atherosclerosis from pathologic intimal thickening to late fibroatheroma in human coronary arteries: A pathology study. <i>Atherosclerosis</i> , 2015, 241, 772-782.	0.4	151
108	Arithmetic of vulnerable plaques for noninvasive imaging. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008, 5, S2-S10.	3.3	150

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109	Drug-eluting coronary stents: insights from preclinical and pathology studies. <i>Nature Reviews Cardiology</i> , 2020, 17, 37-51.	6.1	150
110	Task force "what is the pathologic basis for new atherosclerosis imaging techniques?". <i>Journal of the American College of Cardiology</i> , 2003, 41, 1874-1886.	1.2	149
111	Effect of menopause on plaque morphologic characteristics in coronary atherosclerosis. <i>American Heart Journal</i> , 2001, 141, S58-S62.	1.2	148
112	Anti-CD34 Antibodies Immobilized on the Surface of Sirolimus-Eluting Stents Enhance Stent Endothelialization. <i>JACC: Cardiovascular Interventions</i> , 2010, 3, 68-75.	1.1	143
113	Fully bioresorbable vascular scaffolds: lessons learned and future directions. <i>Nature Reviews Cardiology</i> , 2019, 16, 286-304.	6.1	143
114	Virtual Histology Intravascular Ultrasound Assessment of Carotid Artery Disease: The Carotid Artery Plaque Virtual Histology Evaluation (CAPITAL) Study. <i>Journal of Endovascular Therapy</i> , 2007, 14, 676-686.	0.8	142
115	Thrombus Formation Following Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 728-739.	1.1	141
116	Coronary Computed Tomography Angiography From Clinical Uses to Emerging Technologies. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1226-1243.	1.2	140
117	Impact of stent strut design in metallic stents and biodegradable scaffolds. <i>International Journal of Cardiology</i> , 2014, 177, 800-808.	0.8	136
118	Polymer-Free Biolimus A9-Coated Stent Demonstrates More Sustained Intimal Inhibition, Improved Healing, and Reduced Inflammation Compared With a Polymer-Coated Sirolimus-Eluting Cypher Stent in a Porcine Model. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 174-183.	1.4	134
119	Definitions and Clinical Trial Design Principles for Coronary Artery Chronic Total Occlusion Therapies: CTO-ARC Consensus Recommendations. <i>Circulation</i> , 2021, 143, 479-500.	1.6	132
120	Accuracy of Optical Coherence Tomography in the Evaluation of Neointimal Coverage After Stent Implantation. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 76-84.	2.3	131
121	Differential expression of oxidation-specific epitopes and apolipoprotein(a) in progressing and ruptured human coronary and carotid atherosclerotic lesions. <i>Journal of Lipid Research</i> , 2012, 53, 2773-2790.	2.0	131
122	Coronary CT angiographic characteristics of culprit lesions in acute coronary syndromes not related to plaque rupture as defined by optical coherence tomography and angioscopy. <i>European Heart Journal</i> , 2011, 32, 2814-2823.	1.0	130
123	Pharmacological Suppression of Hecpudin Increases Macrophage Cholesterol Efflux and Reduces Foam Cell Formation and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 299-307.	1.1	129
124	Bioresorbable Scaffold. <i>Circulation Research</i> , 2017, 120, 1341-1352.	2.0	129
125	Sustained Reduction of In-Stent Neointimal Growth With the Use of a Novel Systemic Nanoparticle Paclitaxel. <i>Circulation</i> , 2002, 106, 1195-1198.	1.6	127
126	Left Atrial Appendage Obliteration. <i>JACC: Cardiovascular Interventions</i> , 2010, 3, 870-877.	1.1	125

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127	Plaque Rupture and Plaque Erosion. <i>Thrombosis and Haemostasis</i> , 1999, 82, 1-3.	1.8	122
128	Sirolimus-Eluting Stent Implanted in Human Coronary Artery for 16 Months. <i>Circulation</i> , 2003, 107, 1340-1341.	1.6	119
129	Comparison of pathology of chronic total occlusion with and without coronary artery bypass graft. <i>European Heart Journal</i> , 2014, 35, 1683-1693.	1.0	119
130	Diversity of macrophage phenotypes and responses in atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1919-1932.	2.4	118
131	Identification of a Sudden Cardiac Death Susceptibility Locus at 2q24.2 through Genome-Wide Association in European Ancestry Individuals. <i>PLoS Genetics</i> , 2011, 7, e1002158.	1.5	117
132	The Significance of Preclinical Evaluation of Sirolimus-, Paclitaxel-, and Zotarolimus-Eluting Stents. <i>American Journal of Cardiology</i> , 2007, 100, S36-S44.	0.7	114
133	Development of a Novel Prohealing Stent Designed to Deliver Sirolimus From a Biodegradable Abluminal Matrix. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 257-266.	1.4	114
134	Phenotypic Modulation of Intima and Media Smooth Muscle Cells in Fatal Cases of Coronary Artery Lesion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 326-332.	1.1	113
135	Ex Vivo Assessment of Vascular Response to Coronary Stents by Optical Frequency Domain Imaging. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 71-82.	2.3	113
136	Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials. <i>Journal of the American College of Cardiology</i> , 2017, 69, 679-691.	1.2	110
137	Optical coherence tomography in coronary atherosclerosis assessment and intervention. <i>Nature Reviews Cardiology</i> , 2022, 19, 684-703.	6.1	106
138	Antiangiogenic therapy for normalization of atherosclerotic plaque vasculature: a potential strategy for plaque stabilization. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2007, 4, 491-502.	3.3	104
139	Causes of Early Stent Thrombosis in Patients Presenting With Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2510-2520.	1.2	102
140	RIPK1 Expression Associates With Inflammation in Early Atherosclerosis in Humans and Can Be Therapeutically Silenced to Reduce NF- κ B Activation and Atherogenesis in Mice. <i>Circulation</i> , 2021, 143, 163-177.	1.6	102
141	Traditional Risk Factors and the Incidence of Sudden Coronary Death With and Without Coronary Thrombosis in Blacks. <i>Circulation</i> , 2002, 105, 419-424.	1.6	101
142	Human autopsy study of drug-eluting stents restenosis: histomorphological predictors and neointimal characteristics. <i>European Heart Journal</i> , 2013, 34, 3304-3313.	1.0	100
143	Acute Thrombogenicity of a Durable Polymer Everolimus-Eluting Stent Relative to Contemporary Drug-Eluting Stents With Biodegradable Polymer Coatings Assessed Ex Vivo in a Swine Shunt Model. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1248-1260.	1.1	97
144	New insights into the role of iron in inflammation and atherosclerosis. <i>EBioMedicine</i> , 2019, 47, 598-606.	2.7	96

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145	Elimination of Neoangiogenesis for Plaque Stabilization. Journal of the American College of Cardiology, 2007, 49, 2093-2101.	1.2	95
146	Oxidative Stress and Pathological Changes After Coronary Artery Interventions. Journal of the American College of Cardiology, 2013, 61, 1471-1481.	1.2	95
147	Calcium deposition within coronary atherosclerotic lesion: Implications for plaque stability. Atherosclerosis, 2020, 306, 85-95.	0.4	94
148	Thrombogenicity and Early Vascular Healing Response in Metallic Biodegradable Polymer-Based and Fully Bioabsorbable Drug-Eluting Stents. Circulation: Cardiovascular Interventions, 2015, 8, e002427.	1.4	93
149	Effects of intima stiffness and plaque morphology on peak cap stress. BioMedical Engineering OnLine, 2011, 10, 25.	1.3	92
150	Impact of Watchman and Amplatzer Devices on Left Atrial Appendage Adjacent Structures and Healing Response in a Canine Model. JACC: Cardiovascular Interventions, 2014, 7, 801-809.	1.1	92
151	Morphologic Changes in Long-term Saphenous Vein Bypass Grafts. Chest, 1985, 88, 341-348.	0.4	90
152	Is Pathologic Intimal Thickening the Key to Understanding Early Plaque Progression in Human Atherosclerotic Disease?. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 986-989.	1.1	89
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