

# Renu Virmani

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

381  
papers

53,575  
citations

113  
h-index

229  
g-index

418  
ext. papers

61,011  
ext. citations

7  
avg, IF

7.34  
L-index

#	Paper	IF	Citations
381	Transcatheter aortic valve failure: the impact of calcification <b>2022</b> , 743-764		
380	Autopsy findings of left atrial appendage closure device. <i>Cardiovascular Pathology</i> , <b>2022</b> , 56, 107384	3.8	0
379	Sex Differences in Coronary Atherosclerosis.. <i>Current Atherosclerosis Reports</i> , <b>2022</b> , 24, 23	6	0
378	Characterization of Cerebral Embolic Capture Using the SENTINEL Device During Transcatheter Aortic Valve Implantation in Low to Intermediate-Risk Patients: The SENTINEL-LIR Study.. <i>Circulation: Cardiovascular Interventions</i> , <b>2022</b> , CIRCINTERVENTIONS121011358	6	1
377	Optical coherence tomography in coronary atherosclerosis assessment and intervention.. <i>Nature Reviews Cardiology</i> , <b>2022</b> ,	14.8	8
376	Very late stent thrombosis in Ostia of the bifurcation lesion: correlation of computed tomographic imaging with histology. <i>Cardiovascular Intervention and Therapeutics</i> , <b>2021</b> , 36, 389-391	2.5	
375	Definitions and Clinical Trial Design Principles for Coronary Artery Chronic Total Occlusion Therapies: CTO-ARC Consensus Recommendations. <i>Circulation</i> , <b>2021</b> , 143, 479-500	16.7	34
374	ACE2 (Angiotensin-Converting Enzyme 2) and TMPRSS2 (Transmembrane Serine Protease 2) Expression and Localization of SARS-CoV-2 Infection in the Human Heart. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 542-544	9.4	14
373	The Pathologist Perspective <b>2021</b> , 237-251		
372	The Pathology of Mitral Valve Disease <b>2021</b> , 1-13		
371	Microthrombi as a Major Cause of Cardiac Injury in COVID-19: A Pathologic Study. <i>Circulation</i> , <b>2021</b> , 143, 1031-1042	16.7	94
370	Eruptive Calcified Nodules as a Potential Mechanism of Acute Coronary Thrombosis and Sudden Death. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 1599-1611	15.1	15
369	Anticytomegalovirus CD4 T Cells Are Associated With Subclinical Atherosclerosis in Persons With HIV. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 1459-1473	9.4	1
368	Automated Histological Segmentation on Micro Computed Tomography Images of Atherosclerotic Arteries. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2021</b> , 61, 714-715	2.3	1
367	Vascular Response of a Polymer-Free Paclitaxel-Coated Stent (Zilver PTX) versus a Polymer-Coated Paclitaxel-Eluting Stent (Eluvia) in Healthy Swine Femoropopliteal Arteries. <i>Journal of Vascular and Interventional Radiology</i> , <b>2021</b> , 32, 792-801.e5	2.4	4
366	Comparison of acute thrombogenicity and albumin adsorption in three different durable polymer coronary drug-eluting stents. <i>EuroIntervention</i> , <b>2021</b> , 17, 248-256	3.1	3
365	Efficacy and safety of cerebral embolic protection systems during transcatheter aortic valve replacement: a review of current clinical findings. <i>Expert Review of Cardiovascular Therapy</i> , <b>2021</b> , 19, 725-737	2.5	1

364	Genetic Variants Are Associated With Increased Risk of Coronary Atherosclerotic Plaque Rupture in the Black Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 2201-2214	9.4	1
363	Comparison of Endothelial Barrier Functional Recovery After Implantation of a Novel Biodegradable-Polymer Sirolimus-Eluting Stent in Comparison to Durable- and Biodegradable-Polymer Everolimus-Eluting Stents. <i>Cardiovascular Revascularization Medicine</i> , <b>2021</b> , 24, 1-10	1.6	2
362	Co-Registration of Peripheral Atherosclerotic Plaques Assessed by Conventional CT Angiography, MicroCT and Histology in Patients with Chronic Limb Threatening Ischaemia. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2021</b> , 61, 146-154	2.3	2
361	Thromboresistance and endothelial healing in polymer-coated versus polymer-free drug-eluting stents: Implications for short-term dual anti-platelet therapy. <i>International Journal of Cardiology</i> , <b>2021</b> , 327, 52-57	3.2	3
360	Expression Associates With Inflammation in Early Atherosclerosis in Humans and Can Be Therapeutically Silenced to Reduce NF- $\kappa$ B Activation and Atherogenesis in Mice. <i>Circulation</i> , <b>2021</b> , 143, 163-177	16.7	20
359	Risk prediction of in-stent restenosis among patients with coronary drug-eluting stents: current clinical approaches and challenges. <i>Expert Review of Cardiovascular Therapy</i> , <b>2021</b> , 19, 801-816	2.5	3
358	Histopathologic analysis of extracted thrombi from deep venous thrombosis and pulmonary embolism: Mechanisms and timing. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 97, 1422-1429	2.7	3
357	Comprehensive Assessment of Human Accessory Renal Artery Periarterial Renal Sympathetic Nerve Distribution. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 304-315	5	4
356	Endothelial Recovery in Bare Metal Stents and Drug-Eluting Stents on a Single-Cell Level. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 2277-2292	9.4	1
355	Acute thrombogenicity of fluoropolymer coated stents versus competitive drug-eluting stents under single antiplatelet therapy. <i>International Journal of Cardiology</i> , <b>2021</b> , 338, 42-49	3.2	1
354	Paradise <sup>®</sup> Ultrasound Renal Denervation System for the treatment of hypertension. <i>Future Cardiology</i> , <b>2021</b> , 17, 931-944	1.3	
353	Intravascular imaging and histological correlates of medial and intimal calcification in peripheral artery disease. <i>EuroIntervention</i> , <b>2021</b> , 17, e688-e698	3.1	0
352	Early spontaneous reperfusion after acute myocardial infarction: true association with plaque phenotype or simple clinical observation?. <i>EuroIntervention</i> , <b>2021</b> , 17, e613-e615	3.1	
351	Healthy Strut Coverage After Coronary Stent Implantation: An Ex Vivo Human Autopsy Study. <i>Circulation: Cardiovascular Interventions</i> , <b>2020</b> , 13, e008869	6	4
350	Advances in mammalian target of rapamycin kinase inhibitors: application to devices used in the treatment of coronary artery disease. <i>Future Medicinal Chemistry</i> , <b>2020</b> , 12, 1181-1195	4.1	2
349	Impact of Coronary Atherosclerosis on Bioresorbable Vascular Scaffold Resorption and Vessel Wall Integration. <i>JACC Basic To Translational Science</i> , <b>2020</b> , 5, 619-629	8.7	2
348	The Leaflex <sup>®</sup> Catheter [A Novel Device for Treating Calcific Aortic Stenosis] [First-in-Human Intra-Operative Assessment of Safety and Efficacy. <i>Structural Heart</i> , <b>2020</b> , 4, 221-229	0.6	2
347	Histopathologic and physiologic effect of bifurcation stenting: current status and future prospects. <i>Expert Review of Medical Devices</i> , <b>2020</b> , 17, 189-200	3.5	4

346	Pathology and Multimodality Imaging of Acute and Chronic Femoral Stenting in Humans. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 418-427	5	1
345	Detection of cholesterol crystals by optical coherence tomography. <i>EuroIntervention</i> , <b>2020</b> , 16, 395-403	3.1	6
344	Two-year longitudinal evaluation of a second-generation thin-strut sirolimus-eluting bioresorbable coronary scaffold with hybrid cell design in porcine coronary arteries. <i>Cardiology Journal</i> , <b>2020</b> , 27, 115-124	1.4	5
343	Basic Pathology of Arterial and Valvular Calcification in Humans. <i>Contemporary Cardiology</i> , <b>2020</b> , 13-45	0.1	
342	Pathophysiology of Coronary Artery Disease <b>2020</b> , 211-227		4
341	Diversity of macrophage phenotypes and responses in atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 1919-1932	10.3	48
340	What atherosclerosis findings can CT see in sudden coronary death: Plaque rupture versus plaque erosion. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2020</b> , 14, 214-218	2.8	5
339	Vascular responses to coronary calcification following implantation of newer-generation drug-eluting stents in humans: impact on healing. <i>European Heart Journal</i> , <b>2020</b> , 41, 786-796	9.5	22
338	Sex Differences in Compositional Plaque Volume Progression in Patients With Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 2386-2396	8.4	8
337	Calcium deposition within coronary atherosclerotic lesion: Implications for plaque stability. <i>Atherosclerosis</i> , <b>2020</b> , 306, 85-95	3.1	26
336	A Boosted Ensemble Algorithm for Determination of Plaque Stability in High-Risk Patients on Coronary CTA. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 2162-2173	8.4	15
335	Coronary Computed Tomography Angiography From Clinical Uses to Emerging Technologies: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 1226-1243	15.1	31
334	Drug-eluting coronary stents: insights from preclinical and pathology studies. <i>Nature Reviews Cardiology</i> , <b>2020</b> , 17, 37-51	14.8	72
333	Coronary calcification and atherosclerosis progression <b>2019</b> , 27-45		
332	Rate of Drug Coating Dissolution Determines In-Tissue Drug Retention and Durability of Biological Efficacy. <i>Journal of Drug Delivery</i> , <b>2019</b> , 2019, 9560592	2.3	9
331	Evaluation and Management of the Vulnerable Plaque. <i>Current Cardiovascular Risk Reports</i> , <b>2019</b> , 13, 1	0.9	1
330	Endothelial Cell Coverage on the Leaflet After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 566-567	8.4	3
329	IN.PACT Admiral Drug-coated balloons in peripheral artery disease: current perspectives. <i>Medical Devices: Evidence and Research</i> , <b>2019</b> , 12, 53-64	1.5	4

328	Pathology and Pathophysiology of Coronary Atherosclerotic Plaques. <i>Contemporary Medical Imaging</i> , <b>2019</b> , 211-226	0.1	2
327	Multimodality Imaging Showing Pathology of Endovascular Aortic Graft for Abdominal Aortic Aneurysm. <i>Circulation: Cardiovascular Imaging</i> , <b>2019</b> , 12, e009183	3.9	3
326	New insights into the role of iron in inflammation and atherosclerosis. <i>EBioMedicine</i> , <b>2019</b> , 47, 598-606	8.8	45
325	What are the Pathological Concerns and Limitations of Current Drug-coated Balloon Technology?. <i>Heart International</i> , <b>2019</b> , 13, 15	0.3	4
324	Acute thrombogenicity of fluoropolymer-coated versus biodegradable and polymer-free stents. <i>EuroIntervention</i> , <b>2019</b> , 14, 1685-1693	3.1	19
323	Thromboresistance and functional healing in the COBRA PzF stent versus competitor DES: implications for dual antiplatelet therapy. <i>EuroIntervention</i> , <b>2019</b> , 15, e342-e353	3.1	16
322	Intracoronary imaging for the diagnosis of the underlying substrate and clinical management of acute coronary syndromes: from evidence to expert consensus [and back!]. <i>EuroIntervention</i> , <b>2019</b> , 15, 392-395	3.1	3
321	Comparison of Biologic Effect and Particulate Embolization after Femoral Artery Treatment with Three Drug-Coated Balloons in Healthy Swine Model. <i>Journal of Vascular and Interventional Radiology</i> , <b>2019</b> , 30, 103-109	2.4	25
320	Histopathologic Characterization of Peripheral Arteries in Subjects With Abundant Risk Factors: Correlating Imaging With Pathology. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1501-1513	8.4	28
319	Fully bioresorbable vascular scaffolds: lessons learned and future directions. <i>Nature Reviews Cardiology</i> , <b>2019</b> , 16, 286-304	14.8	78
318	Coronary Artery Calcification and its Progression: What Does it Really Mean?. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 127-142	8.4	142
317	A new category stent with novel polyphosphazene surface modification. <i>Future Cardiology</i> , <b>2018</b> , 14, 225-235	1.3	7
316	Are characteristics of plaque erosion defined by optical coherence tomography similar to true erosion in pathology?. <i>European Heart Journal</i> , <b>2018</b> , 39, 2086-2089	9.5	14
315	Evaluation of chemical stability of polymers of XIENCE everolimus-eluting coronary stents in vivo by pyrolysis-gas chromatography/mass spectrometry. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2018</b> , 106, 1721-1729	3.5	10
314	Pathology of self-expanding transcatheter aortic valves: Findings from the CoreValve US pivotal trials. <i>Catheterization and Cardiovascular Interventions</i> , <b>2018</b> , 91, 947-955	2.7	15
313	Direct Targeting of the mTOR (Mammalian Target of Rapamycin) Kinase Improves Endothelial Permeability in Drug-Eluting Stents-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 2217-2224	9.4	22
312	Biologic Drug Effect and Particulate Embolization of Drug-Eluting Stents versus Drug-Coated Balloons in Healthy Swine Femoropopliteal Arteries. <i>Journal of Vascular and Interventional Radiology</i> , <b>2018</b> , 29, 1041-1049.e3	2.4	14
311	Histopathologic and physiologic effect of overlapping vs single coronary stents: impact of stent evolution. <i>Expert Review of Medical Devices</i> , <b>2018</b> , 15, 665-682	3.5	7

310	Significant Differences in Debris Captured by the Sentinel Dual-Filter Cerebral Embolic Protection During Transcatheter Aortic Valve Replacement Among Different Valve Types. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 1683-1693	5	19
309	Pathology of Peripheral Artery Disease in Patients With Critical Limb Ischemia. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 2152-2163	15.1	94
308	Effects of Statins on Coronary Atherosclerotic Plaques: The PARADIGM Study. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 1475-1484	8.4	177
307	CD163+ macrophages promote angiogenesis and vascular permeability accompanied by inflammation in atherosclerosis. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 1106-1124	15.9	126
306	Nonatherosclerotic Vascular Disease in Women. <i>Texas Heart Institute Journal</i> , <b>2018</b> , 45, 233-235	0.8	2
305	Imaging of High-Risk Atherosclerotic Plaques <b>2018</b> , 101-120		
304	Safety of Zilver PTX Drug-Eluting Stent Implantation Following Drug-Coated Balloon Dilation in a Healthy Swine Model. <i>Journal of Endovascular Therapy</i> , <b>2018</b> , 25, 118-126	2.5	9
303	Coronary artery calcification: recent developments in our understanding of its pathologic and clinical significance. <i>Current Opinion in Cardiology</i> , <b>2018</b> , 33, 645-652	2.1	13
302	Micro-Computed Tomography Demonstration of Multiple Plaque Ruptures in a Single Individual Presenting With Sudden Cardiac Death. <i>Circulation: Cardiovascular Imaging</i> , <b>2018</b> , 11, e008331	3.9	4
301	Understanding the Impact of Stent and Scaffold Material and Strut Design on Coronary Artery Thrombosis from the Basic and Clinical Points of View. <i>Bioengineering</i> , <b>2018</b> , 5,	5.3	43
300	Histopathology of Cardiovascular Thrombus <b>2018</b> , 1-13		
299	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 2511-2522	15.1	161
298	Natural History of Diabetic Coronary Atherosclerosis by Quantitative Measurement of Serial Coronary Computed Tomographic Angiography: Results of the PARADIGM Study. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 1461-1471	8.4	38
297	Pathological mechanisms of left main stent failure. <i>International Journal of Cardiology</i> , <b>2018</b> , 263, 9-16	3.2	14
296	Coronary pathology of inherited generalized arterial calcification of infancy: a case report. <i>Cardiovascular Pathology</i> , <b>2018</b> , 36, 15-19	3.8	3
295	Debris Heterogeneity Across Different Valve Types Captured by a Cerebral Protection System During Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 1262-1273 <sup>5</sup>		22
294	Pathology of Chronic Total Occlusion in Bare-Metal Versus Drug-Eluting Stents: Implications for Revascularization. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 367-378	5	12
293	Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials: An Academic Research Consortium Initiative. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 679-691	15.1	69

292	Bioresorbable Scaffold: The Emerging Reality and Future Directions. <i>Circulation Research</i> , <b>2017</b> , 120, 1341-1352	15.7	89
291	High-risk carotid plaque: lessons learned from histopathology. <i>Seminars in Vascular Surgery</i> , <b>2017</b> , 30, 31-43	1.2	32
290	Pathology of Human Coronary and Carotid Artery Atherosclerosis and Vascular Calcification in Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 191-204	9.4	229
289	Metallic Coronary Stents: Is There a Relationship Between Stent Fracture and Hypersensitivity?. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 1175-1177	5	7
288	Pathology of balloon-expandable transcatheter aortic valves. <i>Catheterization and Cardiovascular Interventions</i> , <b>2017</b> , 90, 1048-1057	2.7	14
287	Comparison of a Drug-Free Early Programmed Dismantling PDLLA Bioresorbable Scaffold and a Metallic Stent in a Porcine Coronary Artery Model at 3-Year Follow-Up. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	10
286	Linking Hemorrhage, Angiogenesis, Macrophages, and Iron Metabolism in Atherosclerotic Vascular Diseases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, e33-e39	9.4	27
285	Intravascular ultrasound and near-infrared spectroscopic features of coronary lesions with intraplaque haemorrhage. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 1222-1228	4.1	13
284	Revisiting the role of durable polymers in cardiovascular devices. <i>Expert Review of Cardiovascular Therapy</i> , <b>2017</b> , 15, 835-846	2.5	8
283	Endothelial Barrier Protein Expression in Biodegradable Polymer Sirolimus-Eluting Versus Durable Polymer Everolimus-Eluting Metallic Stents. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 2375-2387	5	20
282	Bioresorbable vascular scaffolds: implication of very late scaffold thrombosis. <i>Coronary Artery Disease</i> , <b>2017</b> , 28, 533-538	1.4	3
281	Comparison of Acute Thrombogenicity for Metallic and Polymeric Bioabsorbable Scaffolds: Magmaris Versus Absorb in a Porcine Arteriovenous Shunt Model. <i>Circulation: Cardiovascular Interventions</i> , <b>2017</b> , 10,	6	60
280	Clinical implications of blood-material interaction and drug eluting stent polymers in review. <i>Expert Review of Medical Devices</i> , <b>2017</b> , 14, 707-716	3.5	11
279	Very Late Pathological Responses to Cobalt-Chromium Everolimus-Eluting, Stainless Steel Sirolimus-Eluting, and Cobalt-Chromium Bare Metal Stents in Humans. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	20
278	The spectrum of mitral valve pathologies: relevance for surgical and structural interventions. <i>Expert Review of Cardiovascular Therapy</i> , <b>2017</b> , 15, 525-535	2.5	3
277	Protection Against Cerebral Embolism During Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 367-377	15.1	262
276	Intravascular Ultrasound and Near-Infrared Spectroscopic Characterization of Thin-Cap Fibroatheroma. <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 372-378	3	12
275	PLA scaffold <b>2017</b> , 96-116		

274	Optimization of coronary optical coherence tomography imaging using the attenuation-compensated technique: a validation study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 880-887	4.1	7
273	Atherogenesis: The Development of Stable and Unstable Plaques <b>2017</b> , 21-37		2
272	Vascular diseases: aortitis, aortic aneurysms, and vascular calcification. <i>Cardiovascular Pathology</i> , <b>2016</b> , 25, 432-41	3.8	36
271	Histopathological Differential Diagnosis of Optical Coherence Tomographic Image Interpretation After Stenting. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 2511-2523	5	38
270	Comparison of Particulate Embolization after Femoral Artery Treatment with IN.PACT Admiral versus Lutonix 035 Paclitaxel-Coated Balloons in Healthy Swine. <i>Journal of Vascular and Interventional Radiology</i> , <b>2016</b> , 27, 1676-1685.e2	2.4	47
269	Left Atrial Appendage Electrical Isolation and Concomitant Device Occlusion to Treat Persistent Atrial Fibrillation: A First-in-Human Safety, Feasibility, and Efficacy Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2016</b> , 9,	6.4	52
268	Targeting macrophage necroptosis for therapeutic and diagnostic interventions in atherosclerosis. <i>Science Advances</i> , <b>2016</b> , 2, e1600224	14.3	128
267	Biodegradable polymer drug-eluting stents: non-inferiority waiting for superiority?. <i>Lancet, The</i> , <b>2016</b> , 388, 2567-2568	4.0	
266	Systematic Evaluation of the Cellular Innate Immune Response During the Process of Human Atherosclerosis. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	28
265	Bioresorption and Vessel Wall Integration of a Fully Bioresorbable Polymeric Everolimus-Eluting Scaffold: Optical Coherence Tomography, Intravascular Ultrasound, and Histological Study in a Porcine Model With 4-Year Follow-Up. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 838-851	5	22
264	Are Microcalcification and Hemosiderin Really Limitations of OCT in Detection of TCFA?. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 215	8.4	2
263	Additive Value of Integrated Backscatter IVUS for Detection of Vulnerable Plaque by Optical Frequency Domain Imaging: An Ex Vivo Autopsy Study of Human Coronary Arteries. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 163-72	8.4	23
262	Acute coronary syndromes without coronary plaque rupture. <i>Nature Reviews Cardiology</i> , <b>2016</b> , 13, 257-65	4.8	24
261	The clinical challenge of disappearing stents. <i>Lancet, The</i> , <b>2016</b> , 387, 510-512	4.0	11
260	The effects of plaque morphology and material properties on peak cap stress in human coronary arteries. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2016</b> , 19, 771-9	2.1	17
259	Pathophysiology of native coronary, vein graft, and in-stent atherosclerosis. <i>Nature Reviews Cardiology</i> , <b>2016</b> , 13, 79-98	14.8	270
258	A novel polymer-free ciglitazone-coated vascular stent: in vivo and ex vivo analysis of stent endothelialization in a rabbit iliac artery model. <i>Oncotarget</i> , <b>2016</b> , 7, 57571-57580	3.3	1
257	Stent Coating Integrity of Durable and Biodegradable Coated Drug Eluting Stents. <i>Journal of Interventional Cardiology</i> , <b>2016</b> , 29, 483-490	1.8	20



256	Calcified Nodule: An Early and Late Cause of In-Stent Failure. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, e125-6	5	22
255	Stenting of Spontaneous Coronary Artery Dissection From a Pathological Point of View. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9,	6	4
254	Histology of debris captured by a cerebral protection system during transcatheter valve-in-valve implantation. <i>Heart</i> , <b>2016</b> , 102, 1573-80	5.1	20
253	Histological Findings and Predictors of Cerebral Debris From Transcatheter Aortic Valve Replacement: The ALSTER Experience. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	32
252	Biovascular scaffolds and reversible coronary aneurysm. <i>International Journal of Cardiology</i> , <b>2016</b> , 214, 225-7	3.2	1
251	Preclinical evaluation of a novel polyphosphazene surface modified stent. <i>International Journal of Cardiology</i> , <b>2016</b> , 222, 217-225	3.2	19
250	Histopathology of vascular response to drug-eluting stents: an insight from human autopsy into daily practice. <i>Cardiovascular Intervention and Therapeutics</i> , <b>2015</b> , 30, 1-11	2.5	13
249	Comparison of renal artery, soft tissue, and nerve damage after irrigated versus nonirrigated radiofrequency ablation. <i>Circulation: Cardiovascular Interventions</i> , <b>2015</b> , 8,	6	7
248	Thrombogenicity and early vascular healing response in metallic biodegradable polymer-based and fully bioabsorbable drug-eluting stents. <i>Circulation: Cardiovascular Interventions</i> , <b>2015</b> , 8, e002427	6	72
247	Natural progression of atherosclerosis from pathologic intimal thickening to late fibroatheroma in human coronary arteries: A pathology study. <i>Atherosclerosis</i> , <b>2015</b> , 241, 772-82	3.1	109
246	Hepcidin-ferroportin axis controls toll-like receptor 4 dependent macrophage inflammatory responses in human atherosclerotic plaques. <i>Atherosclerosis</i> , <b>2015</b> , 241, 692-700	3.1	24
245	Thrombus formation following transcatheter aortic valve replacement. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 728-39	5	120
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227	What Is the Optimal Stent Design? [The Pathologist's Opinion <b>2015</b> , 287-305		
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216	Mechanisms of plaque formation and rupture. <i>Circulation Research</i> , <b>2014</b> , 114, 1852-66	15.7	1045
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