Richard W Smalling

List of Publications by Year
in descending order

61	4,924	361413	149698
papers	citations	20 h-index	56 g-index

63	63	63	4436
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Percutaneous Repair or Surgery for Mitral Regurgitation. New England Journal of Medicine, 2011, 364, 1395-1406.	27.0	1,814
2	Long-Term Outcomes of Patent Foramen Ovale Closure or Medical Therapy after Stroke. New England Journal of Medicine, 2017, 377, 1022-1032.	27.0	803
3	Randomized Comparison of Percutaneous Repair and Surgery for Mitral Regurgitation. Journal of the American College of Cardiology, 2015, 66, 2844-2854.	2.8	658
4	Randomized Comparison of Coronary Thrombolysis Achieved With Double-Bolus Reteplase (Recombinant Plasminogen Activator) and Front-Loaded, Accelerated Alteplase (Recombinant Tissue) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1	3
5	More Rapid, Complete, and Stable Coronary Thrombolysis With Bolus Administration of Reteplase Compared With Alteplase Infusion in Acute Myocardial Infarction. Circulation, 1995, 91, 2725-2732.	1.6	245
6	Device Closure of Patent Foramen Ovale After Stroke. Journal of the American College of Cardiology, 2016, 67, 907-917.	2.8	183
7	Regional, Artery-Specific Thresholds of Quantitative Myocardial Perfusion by PET Associated with Reduced Myocardial Infarction and Death After Revascularization in Stable Coronary Artery Disease. Journal of Nuclear Medicine, 2019, 60, 410-417.	5.0	83
8	Mechanical left ventricular unloading prior to reperfusion reduces infarct size in a canine infarction model. Catheterization and Cardiovascular Interventions, 2005, 64, 182-192.	1.7	74
9	Cardioembolic stroke. Current Atherosclerosis Reports, 2006, 8, 310-316.	4.8	74
10	Comparison of angioscopy, intravascular ultrasound imaging and quantitative coronary angiography in predicting clinical outcome after coronary intervention in high risk patients. Journal of the American College of Cardiology, 1996, 28, 97-105.	2.8	60
11	Initial report of percutaneous right ventricular assist for right ventricular shock secondary to right ventricular infarction. Catheterization and Cardiovascular Interventions, 2006, 68, 263-266.	1.7	52
12	Clinical trends in surgical, minimally invasive and transcatheter aortic valve replacementâ€. European Journal of Cardio-thoracic Surgery, 2017, 51, 1086-1092.	1.4	50
13	Left ventricular unloading with intraâ€aortic counter pulsation prior to reperfusion reduces myocardial release of endothelinâ€1 and decreases infarction size in a porcine ischemiaâ€reperfusion model. Catheterization and Cardiovascular Interventions, 2008, 72, 513-521.	1.7	39
14	Reduced-Dose Fibrinolytic Acceleration of ST-Segment Elevation Myocardial Infarction Treatment Coupled With Urgent Percutaneous Coronary Intervention Compared to Primary Percutaneous Coronary Intervention Alone. JACC: Cardiovascular Interventions, 2008, 1, 504-510.	2.9	36
15	Infarct Salvage With Liposomal Prostaglandin E ₁ Administered by Intravenous Bolus Immediately Before Reperfusion in a Canine Infarction-Reperfusion Model. Circulation, 1995, 92, 935-943.	1.6	32
16	Transvalvular left ventricular assistance in cardiogenic shock secondary to acute myocardial infarction. Journal of the American College of Cardiology, 1994, 23, 637-644.	2.8	31
17	Reperfusion strategies in the emergency treatment of ST-segment elevation myocardial infarction. American Journal of Emergency Medicine, 2007, 25, 353-366.	1.6	29
18	Left ventricular unloading before reperfusion reduces endothelin-1 release and calcium overload in porcine myocardial infarction. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 343-351.	0.8	24

#	Article	IF	Citations
19	Pre-Hospital Reduced-Dose Fibrinolysis Coupled With Urgent Percutaneous Coronary Intervention Reduces Time to Reperfusion and Improves Angiographic Perfusion Score Compared With Prehospital Fibrinolysis Alone or Primary Percutaneous Coronary Intervention. Journal of the American College of Cardiology, 2007, 50, 1612-1614.	2.8	20
20	A Novel Toroidal-Flow Left Ventricular Assist Device Minimizes Blood Trauma: Implications of Improved Ventricular Assist Device Hemocompatibility. Annals of Thoracic Surgery, 2019, 107, 1761-1767.	1.3	20
21	A multicenter, randomized, controlled study of mechanical left ventricular unloading with counterpulsation to reduce infarct size prepercutaneous coronary intervention for acute myocardial infarction: Rationale and design of the Counterpulsation Reduces Infarct Size Acute Myocardial Infarction trial. American Heart Journal, 2011, 162, 47-55.e1.	2.7	18
22	Endothelin-1 Release during the Early Phase of Reperfusion Is a Mediator of Myocardial Reperfusion Injury. Cardiology, 2013, 125, 242-249.	1.4	17
23	Mechanical Left Ventricular Unloading to Reduce Infarct Size During Acute Myocardial Infarction: Insight from Preclinical and Clinical Studies. Journal of Cardiovascular Translational Research, 2019, 12, 87-94.	2.4	17
24	The Pre-Hospital Fibrinolysis Experience in Europe and North America and Implications for Wider Dissemination. JACC: Cardiovascular Interventions, 2011, 4, 877-883.	2.9	14
25	Comparison of In-Hospital Outcomes With Low-Dose Fibrinolytic Therapy Followed by Urgent Percutaneous Coronary Intervention Versus Percutaneous Coronary Intervention Alone for Treatment of ST-Elevation Myocardial Infarction. American Journal of Cardiology, 2013, 111, 1576-1579.	1.6	14
26	Difficult retrieval of the EPI filterwire with a 5 French FR4 coronary catheter following carotid stenting. Catheterization and Cardiovascular Interventions, 2006, 67, 309-311.	1.7	13
27	Valve-in-Valve Transcatheter Aortic Valve Implantation: A Novel Approach to Treat Paravalvular Leak. Annals of Thoracic Surgery, 2017, 104, e325-e327.	1.3	13
28	National 10-year trends and outcomes of isolated and concomitant tricuspid valve surgery. Journal of Cardiovascular Surgery, 2019, 60, 119-127.	0.6	13
29	Effects of rotational atherectomy in normal canine coronary and diseased human cadaveric arteries: Potential for plaque removal from distal, tortuous, and diffusely diseased vessels. Catheterization and Cardiovascular Diagnosis, 1991, 24, 300-307.	0.3	12
30	The Level I Cardiovascular Center: Is It Time?. The American Heart Hospital Journal, 2003, 1, 170-174.	0.2	11
31	Interatrial defect sizing by intracardiac and transesophageal echocardiography compared with fluoroscopic measurements in patients undergoing percutaneous transcatheter closure. Catheterization and Cardiovascular Interventions, 2004, 62, 415-420.	1.7	10
32	Percutaneous closure of patent foramen ovale guided by intracardiac echocardiography and performed through the transfemoral approach in the presence of previously placed inferior vena cava filters: A case series. Catheterization and Cardiovascular Interventions, 2004, 63, 242-246.	1.7	10
33	First-in-Human Report of MitraClip G4 Implantation for Torrential Tricuspid Regurgitation and Severe Secondary Mitral Regurgitation. JACC: Cardiovascular Interventions, 2020, 13, 1599-1602.	2.9	10
34	Comparison of digital boundary detection and semi-automated analysis of left ventricular cine angiograms. Catheterization and Cardiovascular Diagnosis, 1979, 5, 331-346.	0.3	9
35	Development of Systems of Care for ST-Elevation Myocardial Infarction Patients. Circulation, 2007, 116, e39-42.	1.6	9
36	Catastrophic Cardiac Events During Transcatheter Aortic Valve Replacement. Canadian Journal of Cardiology, 2021, 37, 1522-1529.	1.7	8

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37	Bubble at tip of the stent delivery system of the Palmaz-Schatz stent improves trackability to the target site. Catheterization and Cardiovascular Diagnosis, 1998, 43, 108-110.	0.3	6
38	Letter by Saver et al Regarding Article, â€œGuidelines for the Prevention of Stroke in Patients With Stroke and Transient Ischemic Attack: A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Associationâ€• Stroke, 2015, 46, e85-6.	2.0	6
39	Safety and efficacy of coil embolization of the septal perforator for septal ablation in patients with hypertrophic obstructive cardiomyopathy. Catheterization and Cardiovascular Interventions, 2016, 88, 971-977.	1.7	6
40	Firstâ€inâ€human report of MitraClip G4 implantation for severe degenerative mitral regurgitation. Catheterization and Cardiovascular Interventions, 2020, 96, E395-E397.	1.7	6
41	Impact of Non-Infarct-Related Artery Disease on Infarct Size and Outcomes (from the CRISP-AMI Trial). American Journal of Medicine, 2016, 129, 1307-1315.	1.5	5
42	Estimation of Systemic Vascular Resistance Using Built-In Sensing From an Implanted Left Ventricular Assist Device. Journal of Engineering and Science in Medical Diagnostics and Therapy, 2019, 2, .	0.5	5
43	Transvalvular Left Ventricular Assistance in Acute Myocardial Infarction with Cardiogenic Shock and High Risk Angioplasty: Experimental and Clinical Results with the Hemopump. Journal of Interventional Cardiology, 1995, 8, 265-273.	1.2	4
44	Role of fibrinolytic therapy in the current era of ST-segment elevation myocardial infarction management. American Heart Journal, 2006, 151, S17-S23.	2.7	4
45	Initial experience with the fourth generation <scp>MitraClipâ„¢</scp> : Outcomes, procedural aspects, and considerations for device selection. Catheterization and Cardiovascular Interventions, 2021, 98, E626-E636.	1.7	4
46	Cardiogenic shock. Current Treatment Options in Cardiovascular Medicine, 2000, 2, 55-64.	0.9	3
47	Cavernous hemangioma of the foot and antecubital fossa: An alternative therapeutic option. Catheterization and Cardiovascular Interventions, 2003, 58, 527-531.	1.7	3
48	Renal artery compromise treated percutaneously in a patient with chronic aortic dissection: A case report. Catheterization and Cardiovascular Interventions, 2004, 61, 445-449.	1.7	3
49	Early and Aggressive Treatment of Patients With Acute ST Segment Elevation and Non-ST Segment Elevation Myocardial Infarction Leads to Improved Clinical Outcomes. Critical Pathways in Cardiology, 2004, 3, 121-127.	0.5	3
50	Approaches to correct device malposition in percutaneous PFO closure: Anatomical and technical implications. Catheterization and Cardiovascular Interventions, 2005, 64, 338-344.	1.7	3
51	Clinical characteristics and outcomes after unplanned intraaortic balloon counterpulsation in the Counterpulsation to Reduce Infarct Size Pre-PCI Acute Myocardial Infarction trial. American Heart Journal, 2016, 174, 7-13.	2.7	3
52	Diffuse vasospasm following stenting of a free gastroepiploic artery graft: Resolution with balloon angioplasty and intensive medical therapy. Catheterization and Cardiovascular Diagnosis, 1995, 36, 352-355.	0.3	2
53	Superiority of endovascular grafts compared to bare metal stents with transstent coil embolization for endovascular abdominal aortic aneurysm repair in patients at high risk for surgery. Catheterization and Cardiovascular Interventions, 2005, 64, 283-290.	1.7	2
54	Comparison of 30â€day mortality and myocardial scar indices for patients treated with prehospital reduced dose fibrinolytic followed by percutaneous coronary intervention versus percutaneous coronary intervention alone for treatment of STâ€elevation myocardial infarction. Catheterization and Cardiovascular Interventions, 2016, 88, 709-715.	1.7	2

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55	TGFBR1 Rare Variant Associated With Thoracic Aortic Aneurysm, Double Chamber Left Ventricle, Coronary Anomaly, and Inducible Ventricular Tachycardia. Circulation: Cardiovascular Imaging, 2020, 13, e010084.	2.6	1
56	Predictors and Prognostic Impact of In-hospital Bleeding after Transcatheter Aortic Valve Replacement According to BARC and VARC-2 Definitions. Brazilian Journal of Cardiovascular Surgery, 2019, 34, 788-790.	0.6	1
57	To Regulate or Be Regulated, That is the Question. Journal of Interventional Cardiology, 1995, 8, 113-114.	1.2	0
58	Reply to the letter to the editor by Corcos et al.. Catheterization and Cardiovascular Diagnosis, 1998, 44, 367-367.	0.3	0
59	Pasta without sauce?. Catheterization and Cardiovascular Interventions, 1999, 48, 269-270.	1.7	0
60	An Unusual Cause of Hypoxia: Ventricular Septal Defect, Pulmonary Artery Atresia, and Major Aortopulmonary Collaterals Diagnosed in the Adult Cardiac Catheterization Lab. Case Reports in Cardiology, 2020, 2020, 1-3.	0.2	0
61	Preâ€transfer/PCI with ticagrelor and heparin administration in STEMI patients may be beneficial but should we do more?. Catheterization and Cardiovascular Interventions, 2021, 97, 600-601.	1.7	0