

Hitinder S Gurm

List of Publications by Citations

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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.

215
papers

8,834
citations

46
h-index

88
g-index

233
ext. papers

10,203
ext. citations

5.3
avg, IF

5.82
L-index

#	Paper	IF	Citations
215	Profile and prevalence of aspirin resistance in patients with cardiovascular disease. <i>American Journal of Cardiology</i> , 2001 , 88, 230-5	3	672
214	Long-term results of carotid stenting versus endarterectomy in high-risk patients. <i>New England Journal of Medicine</i> , 2008 , 358, 1572-9	59.2	600
213	Association between admission neutrophil to lymphocyte ratio and outcomes in patients with acute coronary syndrome. <i>American Journal of Cardiology</i> , 2008 , 102, 653-7	3	560
212	Door-to-balloon time and mortality among patients undergoing primary PCI. <i>New England Journal of Medicine</i> , 2013 , 369, 901-9	59.2	485
211	Usefulness of an elevated neutrophil to lymphocyte ratio in predicting long-term mortality after percutaneous coronary intervention. <i>American Journal of Cardiology</i> , 2006 , 97, 993-6	3	299
210	Renal function-based contrast dosing to define safe limits of radiographic contrast media in patients undergoing percutaneous coronary interventions. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 907-14	15.1	212
209	How a regional collaborative of hospitals and physicians in Michigan cut costs and improved the quality of care. <i>Health Affairs</i> , 2011 , 30, 636-45	7	197
208	The impact of body mass index on short- and long-term outcomes in patients undergoing coronary revascularization. Insights from the bypass angioplasty revascularization investigation (BARI). <i>Journal of the American College of Cardiology</i> , 2002 , 39, 834-40	15.1	173
207	Noninvasive thrombolysis using pulsed ultrasound cavitation therapy - histotripsy. <i>Ultrasound in Medicine and Biology</i> , 2009 , 35, 1982-94	3.5	159
206	The relative renal safety of iodixanol compared with low-osmolar contrast media: a meta-analysis of randomized controlled trials. <i>JACC: Cardiovascular Interventions</i> , 2009 , 2, 645-54	5	150
205	Impact of body mass index on outcome after percutaneous coronary intervention (the obesity paradox). <i>American Journal of Cardiology</i> , 2002 , 90, 42-5	3	148
204	Relation of an exaggerated rise in white blood cells after coronary bypass or cardiac valve surgery to development of atrial fibrillation postoperatively. <i>American Journal of Cardiology</i> , 2004 , 93, 1176-8	3	146
203	A novel tool for reliable and accurate prediction of renal complications in patients undergoing percutaneous coronary intervention. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 2242-8	15.1	139
202	Operator experience and carotid stenting outcomes in Medicare beneficiaries. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 1338-43	27.4	131
201	Renal failure after percutaneous coronary intervention is associated with high mortality. <i>Catheterization and Cardiovascular Interventions</i> , 2005 , 64, 442-8	2.7	122
200	Failure of guideline adherence for intervention in patients with severe mitral regurgitation. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 860-5	15.1	121
199	Noninvasive treatment of deep venous thrombosis using pulsed ultrasound cavitation therapy (histotripsy) in a porcine model. <i>Journal of Vascular and Interventional Radiology</i> , 2011 , 22, 369-77	2.4	117

198	Trends in door-to-balloon time and mortality in patients with ST-elevation myocardial infarction undergoing primary percutaneous coronary intervention. <i>Archives of Internal Medicine</i> , 2010 , 170, 1842-9		107
197	Short term and intermediate term comparison of endarterectomy versus stenting for carotid artery stenosis: systematic review and meta-analysis of randomised controlled clinical trials. <i>BMJ, The</i> , 2010 , 340, c467	5.9	100
196	Sodium bicarbonate-based hydration prevents contrast-induced nephropathy: a meta-analysis. <i>BMC Medicine</i> , 2009 , 7, 23	11.4	99
195	Gaps in referral to cardiac rehabilitation of patients undergoing percutaneous coronary intervention in the United States. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2079-88	15.1	92
194	Does simplicity compromise accuracy in ACS risk prediction? A retrospective analysis of the TIMI and GRACE risk scores. <i>PLoS ONE</i> , 2009 , 4, e7947	3.7	90
193	Current role of sodium bicarbonate-based preprocedural hydration for the prevention of contrast-induced acute kidney injury: a meta-analysis. <i>American Heart Journal</i> , 2008 , 156, 414-21	4.9	87
192	Gender differences in adverse outcomes after contemporary percutaneous coronary intervention: an analysis from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium (BMC2) percutaneous coronary intervention registry. <i>American Heart Journal</i> , 2010 , 159, 677-683.e1	4.9	83
191	The relative safety and efficacy of abciximab and eptifibatide in patients undergoing primary percutaneous coronary intervention: insights from a large regional registry of contemporary percutaneous coronary intervention. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 529-35	15.1	82
190	Bivalirudin versus heparin and glycoprotein IIb/IIIa inhibition among patients with renal impairment undergoing percutaneous coronary intervention (a subanalysis of the REPLACE-2 trial). <i>American Journal of Cardiology</i> , 2005 , 95, 581-5	3	81
189	The association of sex with outcomes among patients undergoing primary percutaneous coronary intervention for ST elevation myocardial infarction in the contemporary era: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium (BMC2). <i>American Heart Journal</i> , 2011 , 161, 106-112.e1	4.9	76
188	Routine stent implantation vs. percutaneous transluminal angioplasty in femoropopliteal artery disease: a meta-analysis of randomized controlled trials. <i>European Heart Journal</i> , 2009 , 30, 44-55	9.5	73
187	The changing definition of contrast-induced nephropathy and its clinical implications: insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium (BMC2). <i>American Heart Journal</i> , 2012 , 163, 829-34	4.9	71
186	Use of mechanical circulatory support in patients undergoing percutaneous coronary intervention: insights from the National Cardiovascular Data Registry. <i>Circulation</i> , 2015 , 132, 1243-51	16.7	69
185	Effect of statin therapy on risk of ventricular arrhythmia among patients with coronary artery disease and an implantable cardioverter-defibrillator. <i>American Journal of Cardiology</i> , 2005 , 95, 490-1	3	64
184	The association of perioperative transfusion with 30-day morbidity and mortality in patients undergoing major vascular surgery. <i>Journal of Vascular Surgery</i> , 2015 , 61, 1000-9.e1	3.5	62
183	Outcomes of PCI in Relation to Procedural Characteristics and Operator Volumes in the United States. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2913-2924	15.1	60
182	Retroperitoneal hematoma after percutaneous coronary intervention: prevalence, risk factors, management, outcomes, and predictors of mortality: a report from the BMC2 (Blue Cross Blue Shield of Michigan Cardiovascular Consortium) registry. <i>JACC: Cardiovascular Interventions</i> , 2010 , 3, 845-50	5	60
181	Incremental benefit and cost-effectiveness of high-dose statin therapy in high-risk patients with coronary artery disease. <i>Circulation</i> , 2007 , 115, 2398-409	16.7	60

180	Risk of acute kidney injury after percutaneous coronary interventions using radial versus femoral vascular access: insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. <i>Circulation: Cardiovascular Interventions</i> , 2014 , 7, 190-8	6	58
179	Trends and disparities in referral to cardiac rehabilitation after percutaneous coronary intervention. <i>American Heart Journal</i> , 2011 , 161, 544-551.e2	4.9	56
178	Impact of sex on morbidity and mortality rates after lower extremity interventions for peripheral arterial disease: observations from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2525-2530	15.1	54
177	Changes in Primary Noncardiac Diagnoses Over Time Among Elderly Cardiac Intensive Care Unit Patients in the United States. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017 , 10, e003616	5.8	54
176	Current approach to the diagnosis and treatment of femoral-popliteal arterial disease. A systematic review. <i>Current Cardiology Reviews</i> , 2009 , 5, 296-311	2.4	54
175	Safety and efficacy of thrombectomy in patients undergoing primary percutaneous coronary intervention for acute ST elevation MI: a meta-analysis of randomized controlled trials. <i>BMC Cardiovascular Disorders</i> , 2010 , 10, 10	2.3	54
174	Safety of carotid artery stenting for symptomatic carotid artery disease: a meta-analysis. <i>European Heart Journal</i> , 2008 , 29, 113-9	9.5	53
173	A comparison of abciximab and small-molecule glycoprotein IIb/IIIa inhibitors in patients undergoing primary percutaneous coronary intervention: a meta-analysis of contemporary randomized controlled trials. <i>Circulation: Cardiovascular Interventions</i> , 2009 , 2, 230-6	6	52
172	Chronic obstructive pulmonary disease as a predictor of mortality in patients undergoing percutaneous coronary intervention. <i>American Journal of Cardiology</i> , 2005 , 96, 756-9	3	52
171	Impact of blood transfusion on short- and long-term mortality in patients with ST-segment elevation myocardial infarction. <i>JACC: Cardiovascular Interventions</i> , 2009 , 2, 46-53	5	48
170	Outcomes of Patients With Atrial Fibrillation Undergoing Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 895-904	15.1	47
169	Drug-eluting stents versus bare-metal stents in saphenous vein grafts: a double-blind, randomised trial. <i>Lancet, The</i> , 2018 , 391, 1997-2007	40	46
168	Meta-analysis of randomized trials of drug-eluting stents versus bare metal stents in patients with diabetes mellitus. <i>American Journal of Cardiology</i> , 2007 , 99, 1399-402	3	45
167	Preprocedural white blood cell count and death after percutaneous coronary intervention. <i>American Heart Journal</i> , 2003 , 146, 692-8	4.9	44
166	In-hospital switching between clopidogrel and prasugrel among patients with acute myocardial infarction treated with percutaneous coronary intervention: insights into contemporary practice from the national cardiovascular data registry. <i>Circulation: Cardiovascular Interventions</i> , 2014 , 7, 585-93	6	43
165	Procedural Strategies to Reduce the Incidence of Contrast-Induced Acute Kidney Injury During Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1877-1888	5	42
164	Noninvasive thrombolysis using histotripsy beyond the intrinsic threshold (microtripsy). <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2015 , 62, 1342-55	3.2	42
163	Drug-eluting versus bare-metal stent for treatment of saphenous vein grafts: a meta-analysis. <i>PLoS ONE</i> , 2010 , 5, e11040	3.7	41

162	Recent trends in hospital utilization for acute myocardial infarction and coronary revascularization in the United States. <i>American Journal of Cardiology</i> , 2007 , 99, 749-53	3	40
161	Contemporary Use of Ticagrelor in Interventional Practice (from Blue Cross Blue Shield of Michigan Cardiovascular Consortium). <i>American Journal of Cardiology</i> , 2015 , 115, 1502-6	3	39
160	Variation in the Adoption of Transradial Access for ST-Segment Elevation Myocardial Infarction: Insights From the NCDR CathPCI Registry. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2242-2254	5	38
159	Association between acute kidney injury and in-hospital mortality in patients undergoing percutaneous coronary interventions. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8, e002212	6	37
158	Change in hospital-level use of transradial percutaneous coronary intervention and periprocedural outcomes: insights from the national cardiovascular data registry. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2014 , 7, 550-9	5.8	37
157	The burgeoning epidemic of morbid obesity in patients undergoing percutaneous coronary intervention: insight from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 685-91	15.1	36
156	Percutaneous coronary intervention complications and guide catheter size: bigger is not better. <i>JACC: Cardiovascular Interventions</i> , 2009 , 2, 636-44	5	36
155	Sildenafil citrate for prophylaxis of nephropathy in an animal model of contrast-induced acute kidney injury. <i>PLoS ONE</i> , 2014 , 9, e113598	3.7	36
154	Thrombin, an ideal target for pharmacological inhibition: a review of direct thrombin inhibitors. <i>American Heart Journal</i> , 2005 , 149, S43-53	4.9	35
153	Proteinuria is a key determinant of death in patients with diabetes after isolated coronary artery bypass grafting. <i>American Heart Journal</i> , 2000 , 139, 939-44	4.9	35
152	Contrast-induced nephropathy in patients undergoing endovascular peripheral vascular intervention: Incidence, risk factors, and outcomes as observed in the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. <i>Journal of Interventional Cardiology</i> , 2017 , 30, 274-280	1.8	34
151	Histotripsy Thrombolysis on Retracted Clots. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 1903-18	3.5	34
150	Contemporary use and effectiveness of N-acetylcysteine in preventing contrast-induced nephropathy among patients undergoing percutaneous coronary intervention. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 98-104	5	34
149	The quality and impact of risk factor control in patients with stable claudication presenting for peripheral vascular interventions. <i>Circulation: Cardiovascular Interventions</i> , 2012 , 5, 850-5	6	34
148	Double jeopardy of renal insufficiency and anemia in patients undergoing percutaneous coronary interventions. <i>American Journal of Cardiology</i> , 2004 , 94, 30-4	3	34
147	Spectrum of atrial arrhythmias using the ligament of Marshall in patients with atrial fibrillation. <i>Heart Rhythm</i> , 2018 , 15, 17-24	6.7	32
146	Choice of Estimated Glomerular Filtration Rate Equation Impacts Drug-Dosing Recommendations and Risk Stratification in Patients With Chronic Kidney Disease Undergoing Percutaneous Coronary Interventions. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2714-23	15.1	31
145	Use of bivalirudin during percutaneous coronary intervention in patients with diabetes mellitus: an analysis from the randomized evaluation in percutaneous coronary intervention linking angiomas to reduced clinical events (REPLACE)-2 trial. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 1932-8	15.1	30

144	Non-Invasive Thrombolysis Using Microtripsy in a Porcine Deep Vein Thrombosis Model. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 1378-1390	3.5	29
143	Contemporary use of prasugrel in clinical practice: insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013 , 6, 293-8	5.8	27
142	Defining the optimal degree of heparin anticoagulation for peripheral vascular interventions: insight from a large, regional, multicenter registry. <i>Circulation: Cardiovascular Interventions</i> , 2010 , 3, 593-601	6	27
141	Patient and hospital characteristics associated with inappropriate percutaneous coronary interventions. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 2274-81	15.1	26
140	A random forest based risk model for reliable and accurate prediction of receipt of transfusion in patients undergoing percutaneous coronary intervention. <i>PLoS ONE</i> , 2014 , 9, e96385	3.7	26
139	Comparison of acute coronary syndrome in patients receiving versus not receiving chronic dialysis (from the Global Registry of Acute Coronary Events [GRACE] Registry). <i>American Journal of Cardiology</i> , 2012 , 109, 19-25	3	25
138	Fragmented QRS complex has poor sensitivity in detecting myocardial scar. <i>Annals of Noninvasive Electrocardiology</i> , 2010 , 15, 308-14	1.5	25
137	Effect of chronic kidney disease on outcomes after carotid artery stenting. <i>American Journal of Cardiology</i> , 2004 , 94, 1093-6	3	25
136	Comparative safety of vascular closure devices and manual closure among patients having percutaneous coronary intervention. <i>Annals of Internal Medicine</i> , 2013 , 159, 660-6	8	25
135	Temporal Trends in the Risk Profile of Patients Undergoing Outpatient Percutaneous Coronary Intervention: A Report from the National Cardiovascular Data Registry's CathPCI Registry. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9, e003070	6	25
134	Coronary artery perforations after contemporary percutaneous coronary interventions: Evaluation of incidence, risk factors, outcomes, and predictors of mortality. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 89, 966-973	2.7	24
133	Early Outcomes following Endovascular, Open Surgical, and Hybrid Revascularization for Lower Extremity Acute Limb Ischemia. <i>Annals of Vascular Surgery</i> , 2018 , 51, 106-112	1.7	24
132	The ongoing importance of smoking as a powerful risk factor for ST-segment elevation myocardial infarction in young patients. <i>JAMA Internal Medicine</i> , 2013 , 173, 1261-2	11.5	24
131	Real-time feedback of histotripsy thrombolysis using bubble-induced color Doppler. <i>Ultrasound in Medicine and Biology</i> , 2015 , 41, 1386-401	3.5	24
130	Contemporary outcomes with percutaneous vascular interventions for peripheral critical limb ischemia in those with and without poly-vascular disease. <i>Vascular Medicine</i> , 2014 , 19, 491-9	3.3	24
129	Outcomes of patients with acute coronary syndromes who are treated with bivalirudin during percutaneous coronary intervention: an analysis from the Randomized Evaluation in PCI Linking Angiomax to Reduced Clinical Events (REPLACE-2) trial. <i>American Heart Journal</i> , 2006 , 152, 149-54	4.9	24
128	ACC/AHA/SCAI/AMA-Convended PCPI/NCQA 2013 performance measures for adults undergoing percutaneous coronary intervention: a report of the American College of Cardiology/American Heart Association Task Force on Performance Measures, the Society for Cardiovascular	15.1	23
127	Angiography and Interventions, the American Medical Association-Convended Physician Consortium for Performance Improvement, and the National Committee for Quality Assurance. Daylight savings time and myocardial infarction. <i>Open Heart</i> , 2014 , 1, e000019	3	23

126	Outcome of contemporary percutaneous coronary intervention in the elderly and the very elderly: insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. <i>Clinical Cardiology</i> , 2011 , 34, 549-54	3.3	23
125	The chimeric monoclonal antibody abciximab: a systematic review of its safety in contemporary practice. <i>Expert Opinion on Drug Safety</i> , 2008 , 7, 809-19	4.1	23
124	Long-term outcomes of older diabetic patients after percutaneous coronary stenting in the United States: a report from the National Cardiovascular Data Registry, 2004 to 2008. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 2280-9	15.1	22
123	Outcome of acute ST-segment elevation myocardial infarction in diabetics treated with fibrinolytic or combination reduced fibrinolytic therapy and platelet glycoprotein IIb/IIIa inhibition: lessons from the GUSTO V trial. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 542-8	15.1	22
122	Effectiveness of Arterial Closure Devices for Preventing Complications With Percutaneous Coronary Intervention: An Instrumental Variable Analysis. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9, e003464	6	22
121	Noninvasive thrombolysis using microtripsy: a parameter study. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2015 , 62, 2092-105	3.2	21
120	ACC/AHA/SCAI/AMA-Convended PCPI/NCQA 2013 Performance Measures for Adults Undergoing Percutaneous Coronary Intervention: A Report of the American College of Cardiology/American Heart Association Task Force on Performance Measures, the Society for Cardiovascular	16.7	21
119	Angiography and Interventions, the American Medical Association-Convended Physician Consortium for Performance Improvement, and the National Committee for Quality Assurance. <i>Circulation</i> , 2014 , 129, 976-49	5	21
118	Safety of contemporary percutaneous peripheral arterial interventions in the elderly insights from the BMC2 PVI (Blue Cross Blue Shield of Michigan Cardiovascular Consortium Peripheral Vascular Intervention) registry. <i>JACC: Cardiovascular Interventions</i> , 2011 , 4, 694-701	5	21
117	Impact of automated contrast injector systems on contrast use and contrast-associated complications in patients undergoing percutaneous coronary interventions. <i>JACC: Cardiovascular Interventions</i> , 2013 , 6, 399-405	5	20
116	Comparative safety and efficacy of a sirolimus-eluting versus paclitaxel-eluting stent: a meta-analysis. <i>American Heart Journal</i> , 2008 , 155, 630-9	4.9	20
115	Relationship Between Operator Volume and Long-Term Outcomes After Percutaneous Coronary Intervention. <i>Circulation</i> , 2019 , 139, 458-472	16.7	20
114	Association Between Chronic Kidney Disease and Rates of Transfusion and Progression to End-Stage Renal Disease in Patients Undergoing Transradial Versus Transfemoral Cardiac Catheterization-An Analysis From the Veterans Affairs Clinical Assessment Reporting and Tracking (CART) Program. <i>Journal of the American Heart Association</i> , 2017 , 6, e011111	6	19
113	The comparative efficacy of bivalirudin is markedly attenuated by use of radial access: insights from Blue Cross Blue Shield of Michigan Cardiovascular Consortium. <i>European Heart Journal</i> , 2016 , 37, 1902-9	9.5	19
112	Contemporary use of and outcomes associated with ultra-low contrast volume in patients undergoing percutaneous coronary interventions. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 222-230	2.7	19
111	The association between patient race, treatment, and outcomes of patients undergoing contemporary percutaneous coronary intervention: insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium (BMC2). <i>American Heart Journal</i> , 2013 , 165, 893-901.e2	4.9	19
110	The association between contrast dose and renal complications post PCI across the continuum of procedural estimated risk. <i>PLoS ONE</i> , 2014 , 9, e90233	3.7	19
109	Relation of an elevated white blood cell count after percutaneous coronary intervention to long-term mortality. <i>American Journal of Cardiology</i> , 2004 , 94, 190-2	3	19
108	Effect of a Contrast Modulation System on Contrast Media Use and the Rate of Acute Kidney Injury After Coronary Angiography. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1601-1610	5	17

108	Does gadolinium-based angiography protect against contrast-induced nephropathy?: a systematic review of the literature. <i>Catheterization and Cardiovascular Interventions</i> , 2008 , 71, 687-93	2.7	17
107	Heterogeneity of Ankle-Brachial Indices in Patients Undergoing Revascularization for Critical Limb Ischemia. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2307-2316	5	16
106	False activation of the cardiac catheterization laboratory for primary PCI. <i>American Journal of Managed Care</i> , 2013 , 19, 671-5	2.1	16
105	Percutaneous Coronary Intervention for Chronic Total Occlusion-The Michigan Experience: Insights From the BMC2 Registry. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1357-1368	5	15
104	Temporal Trends in Percutaneous Coronary Intervention and Coronary Artery Bypass Grafting: Insights From the Washington Cardiac Care Outcomes Assessment Program. <i>Journal of the American Heart Association</i> , 2020 , 9, e015317	6	15
103	The clinical outcomes of percutaneous coronary intervention performed without pre-procedural aspirin. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 2083-9	15.1	15
102	Collaborative quality improvement vs public reporting for percutaneous coronary intervention: A comparison of percutaneous coronary intervention in New York vs Michigan. <i>American Heart Journal</i> , 2015 , 170, 1227-33	4.9	15
101	Looking beyond historical patient outcomes to improve clinical models. <i>Science Translational Medicine</i> , 2012 , 4, 131ra49	17.5	15
100	Effectiveness and safety of bivalirudin during percutaneous coronary intervention in a single medical center. <i>American Journal of Cardiology</i> , 2005 , 95, 716-21	3	15
99	Temporal Trends in Unstable Angina Diagnosis Codes for Outpatient Percutaneous Coronary Interventions. <i>JAMA Internal Medicine</i> , 2019 , 179, 259-261	11.5	15
98	Minimizing radiographic contrast administration during coronary angiography using a novel contrast reduction system: A multicenter observational study of the DyeVert plus contrast reduction system. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 1228-1235	2.7	15
97	Temporal trends in the use of drug-eluting stents for approved and off-label indications: a longitudinal analysis of a large multicenter percutaneous coronary intervention registry. <i>Clinical Cardiology</i> , 2010 , 33, 111-6	3.3	14
96	Primary and Secondary Vascular Access Site Complications Associated With Percutaneous Coronary Intervention: Insights From the BMC2 Registry. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2247-2256	5	13
95	Underutilization of Radial Access in Patients Undergoing Percutaneous Coronary Intervention for ST-Segment-Elevation Myocardial Infarction: Insights From the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8,	6	13
94	Non-invasive embolus trap using histotripsy-an acoustic parameter study. <i>Ultrasound in Medicine and Biology</i> , 2013 , 39, 611-9	3.5	13
93	Impact of body mass index on outcome in patients undergoing carotid stenting. <i>American Journal of Cardiology</i> , 2005 , 96, 1743-5	3	13
92	The Heart Protection Study: high-risk patients benefit from statins, regardless of LDL-C level. <i>Cleveland Clinic Journal of Medicine</i> , 2003 , 70, 991-7	2.8	13
91	Ninety-Day Readmission and Long-Term Mortality in Medicare Patients (≥5 Years) Treated With Ticagrelor Versus Prasugrel After Percutaneous Coronary Intervention (from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium). <i>American Journal of Cardiology</i> , 2017 , 120, 1926-1932	3	12

90	Cause and circumstance of in-hospital mortality among patients undergoing contemporary percutaneous coronary intervention: a root-cause analysis. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2012 , 5, 229-35	5.8	12
89	Is simpler also better? Brief sodium bicarbonate infusion to prevent contrast-induced nephropathy. <i>American Journal of Cardiology</i> , 2010 , 105, 1042-3	3	12
88	The relative renal safety of iodixanol and low-osmolar contrast media in patients undergoing percutaneous coronary intervention. Insights from Blue Cross Blue Shield of Michigan Cardiovascular Consortium (BMC2). <i>Journal of Invasive Cardiology</i> , 2010 , 22, 467-72	0.7	12
87	Trends in Contrast Volume Use and Incidence of Acute Kidney Injury in Patients Undergoing Percutaneous Coronary Intervention: Insights From Blue Cross Blue Shield of Michigan Cardiovascular Collaborative (BMC2). <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 509-511	5	11
86	A pulsatile blood vessel system for a femoral arterial access clinical simulation model. <i>Medical Engineering and Physics</i> , 2013 , 35, 1518-24	2.4	11
85	Percutaneous Coronary Intervention Utilization and Appropriateness across the United States. <i>PLoS ONE</i> , 2015 , 10, e0138251	3.7	11
84	Integrated Histotripsy and Bubble Coalescence Transducer for Thrombolysis. <i>Ultrasound in Medicine and Biology</i> , 2018 , 44, 2697-2709	3.5	11
83	Drivers of Variation in 90-Day Episode Payments After Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e006928	6	10
82	Door to Balloon Time: Is There a Point That Is Too Short?. <i>Progress in Cardiovascular Diseases</i> , 2015 , 58, 230-40	8.5	10
81	Impact of Contrast Dose Reduction on Incidence of Acute Kidney Injury (AKI) Among Patients Undergoing PCI: A Modeling Study. <i>Journal of Invasive Cardiology</i> , 2016 , 28, 142-6	0.7	10
80	Computational Fluid Dynamics Modeling of the Burr Orbital Motion in Rotational Atherectomy with Particle Image Velocimetry Validation. <i>Annals of Biomedical Engineering</i> , 2018 , 46, 567-578	4.7	9
79	Differences in the outcome of patients undergoing percutaneous coronary interventions at teaching versus non-teaching hospitals. <i>American Heart Journal</i> , 2013 , 166, 401-8	4.9	9
78	Impact of diabetes mellitus on outcome of patients undergoing carotid artery stenting: insights from a single center registry. <i>Catheterization and Cardiovascular Interventions</i> , 2007 , 69, 541-5	2.7	9
77	Using simulation for teaching femoral arterial access: A multicentric collaboration. <i>Catheterization and Cardiovascular Interventions</i> , 2016 , 87, 376-80	2.7	9
76	Temporal trends in peripheral arterial interventions: Observations from the blue cross blue shield of michigan cardiovascular consortium (BMC2 PVI). <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 89, 728-734	2.7	8
75	Relationship Between Troponin on Presentation and In-Hospital Mortality in Patients With ST-Segment-Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , 2019 , 8, e013551	6	8
74	Appropriateness and Outcomes of Percutaneous Coronary Intervention at Top-Ranked and Nonranked Hospitals in the United States. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 342-350	5	8
73	Impact of institutional culture on rates of transfusions during cardiovascular procedures: The Michigan experience. <i>American Heart Journal</i> , 2016 , 174, 1-6	4.9	8

72	The optimal definition of contrast-induced acute kidney injury for prediction of inpatient mortality in patients undergoing percutaneous coronary interventions. <i>American Heart Journal</i> , 2016 , 175, 160-7	4.9	8
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