Michael S Lee

List of Publications by Citations

121 papers	1,881 citations	24 h-index	40 g-index
125 ext. papers	2,128 ext. citations	2.3 avg, IF	4.81 L-index

#	Paper	IF	Citations
121	Comparison of coronary artery bypass surgery with percutaneous coronary intervention with drug-eluting stents for unprotected left main coronary artery disease. *Journal of the American College of Cardiology*, **2006**, 47, 864-70	15.1	284
120	Stent fracture associated with drug-eluting stents: clinical characteristics and implications. *Catheterization and Cardiovascular Interventions*, **2007**, 69, 387-94	2.7	148
119	Drug-eluting stenting is superior to bare metal stenting in saphenous vein grafts. *Catheterization and Cardiovascular Interventions*, **2005**, 66, 507-11	2.7	76
118	Racial Differences in Ischaemia/Bleeding Risk Trade-Off during Anti-Platelet Therapy: Individual Patient Level Landmark Meta-Analysis from Seven RCTs. *Thrombosis and Haemostasis*, **2019**, 119, 149-162	7	63
117	Myocardial Bridging: An Up-to-Date Review. *Journal of Invasive Cardiology*, **2015**, 27, 521-8	0.7	57
116	Unprotected left main coronary disease and ST-segment elevation myocardial infarction: a contemporary review and argument for percutaneous coronary intervention. *JACC: Cardiovascular Interventions*, **2010**, 3, 791-5	5	56
115	Cardiovascular complications of radiotherapy. *American Journal of Cardiology*, **2013**, 112, 1688-96	3	55
114	Comparison of bypass surgery with drug-eluting stents for diabetic patients with multivessel disease. *International Journal of Cardiology*, **2007**, 123, 34-42	3.2	52
113	Orbital atherectomy for treating de novo, severely calcified coronary lesions: 3-year results of the pivotal ORBIT II trial. *Cardiovascular Revascularization Medicine*, **2017**, 18, 261-264	1.6	50
112	Outcome after surgery and percutaneous intervention for cardiogenic shock and left main disease. *Annals of Thoracic Surgery*, **2008**, 86, 29-34	2.7	46
111	Comparison of percutaneous coronary intervention with bare-metal and drug-eluting stents for cardiac allograft vasculopathy. *JACC: Cardiovascular Interventions*, **2008**, 1, 710-5	5	46
110	Comparison by meta-analysis of drug-eluting stents and bare metal stents for saphenous vein graft intervention. *American Journal of Cardiology*, **2010**, 105, 1076-82	3	45
109	Meta-analysis of clinical studies comparing coronary artery bypass grafting with percutaneous coronary intervention and drug-eluting stents in patients with unprotected left main coronary artery narrowings. *American Journal of Cardiology*, **2010**, 105, 1070-5	3	45
108	Orbital Atherectomy for Treating De Novo Severely Calcified Coronary Narrowing (1-Year Results from the Pivotal ORBIT II Trial). *American Journal of Cardiology*, **2015**, 115, 1685-90	3	43
107	Molecular and cellular basis of restenosis after percutaneous coronary intervention: the intertwining roles of platelets, leukocytes, and the coagulation-fibrinolysis system. *Journal of Pathology*, **2004**, 203, 861-70	9.4	42
106	Orbital atherectomy for the treatment of severely calcified coronary lesions: evidence, technique, and best practices. *Expert Review of Medical Devices*, **2017**, 14, 867-879	3.5	38
105	Meta-analysis of studies comparing coronary artery bypass grafting with drug-eluting stenting in patients with diabetes mellitus and multivessel coronary artery disease. *American Journal of Cardiology*, **2010**, 105, 1540-4	3	37

104	Impact of coronary artery calcification in percutaneous coronary intervention with paclitaxel-eluting stents: Two-year clinical outcomes of paclitaxel-eluting stents in patients from the ARRIVE program. *Catheterization and Cardiovascular Interventions*, **2016**, 88, 891-897	2.7	37
103	The Impact and Pathophysiologic Consequences of Coronary Artery Calcium Deposition in Percutaneous Coronary Interventions. *Journal of Invasive Cardiology*, **2016**, 28, 160-7	0.7	36
102	Minimizing femoral artery access complications during percutaneous coronary intervention: a comprehensive review. *Catheterization and Cardiovascular Interventions*, **2014**, 84, 62-9	2.7	32
101	Real-World Multicenter Registry of Patients with Severe Coronary Artery Calcification Undergoing Orbital Atherectomy. *Journal of Interventional Cardiology*, **2016**, 29, 357-62	1.8	32
100	Multicenter international registry of unprotected left main coronary artery percutaneous coronary intervention with drug-eluting stents in patients with myocardial infarction. *Catheterization and Cardiovascular Interventions*, **2009**, 73, 15-21	2.7	30
99	Comparison of Rotational Atherectomy Versus Orbital Atherectomy for the Treatment of Heavily Calcified Coronary Plaques. *American Journal of Cardiology*, **2017**, 119, 1320-1323	3	28
98	In-stent Restenosis. *Interventional Cardiology Clinics*, **2016**, 5, 211-220	1.4	24
97	Two-year outcomes after treatment of severely calcified coronary lesions with the orbital atherectomy system and the impact of stent types: Insight from the ORBIT II trial. *Catheterization and Cardiovascular Interventions*, **2016**, 88, 369-77	2.7	19
96	Cutting balloon angioplasty. *Journal of Invasive Cardiology*, **2002**, 14, 552-6	0.7	19
95	Cardiac allograft vasculopathy: A review. *Catheterization and Cardiovascular Interventions*, **2018**, 92, E527-E536	2.7	18
94	Comparison of sirolimus-eluting stents with paclitaxel-eluting stents in saphenous vein graft intervention (from a multicenter Southern California Registry). *American Journal of Cardiology*, **2010**, 106, 337-41	3	16
93	Orbital and rotational atherectomy during percutaneous coronary intervention for coronary artery calcification. *Catheterization and Cardiovascular Interventions*, **2018**, 92, 61-67	2.7	14
92	Sirolimus- versus paclitaxel-eluting stents for the treatment of cardiac allograft vasculopathy. *JACC: Cardiovascular Interventions*, **2010**, 3, 378-82	5	14
91	Meta-analysis of randomized trials of postconditioning in ST-elevation myocardial infarction. *American Journal of Cardiology*, **2014**, 114, 946-52	3	13
90	Outcomes of nonagenarians who undergo percutaneous coronary intervention with drug-eluting stents. *Catheterization and Cardiovascular Interventions*, **2008**, 71, 526-30	2.7	13
89	Adoption of Routine Ultrasound Guidance for Femoral Arterial Access for Cardiac Catheterization. *Journal of Invasive Cardiology*, **2016**, 28, 311-4	0.7	13
88	Pooled analysis of the CONFIRM registries: impact of gender on procedure and angiographic outcomes in patients undergoing orbital atherectomy for peripheral artery disease. *Journal of Endovascular Therapy*, **2015**, 22, 57-62	2.5	12
87	Role of Percutaneous Coronary Intervention in the Treatment of Cardiac Allograft Vasculopathy. *American Journal of Cardiology*, **2018**, 121, 1051-1055	3	12

86	Coronary Artery Perforation Following Percutaneous Coronary Intervention. *Journal of Invasive Cardiology*, **2016**, 28, 122-31	0.7	12
85	Outcomes in Elderly Patients With Severely Calcified Coronary Lesions Undergoing Orbital Atherectomy. *Journal of Interventional Cardiology*, **2017**, 30, 134-138	1.8	11
84	Outcomes of patients with severely calcified aorto-ostial coronary lesions who underwent orbital atherectomy. *Journal of Interventional Cardiology*, **2018**, 31, 15-20	1.8	11
83	Predictors and Long-Term Clinical Outcome of Longitudinal Stent Deformation: Insights From Pooled Analysis of Korean Multicenter Drug-Eluting Stent Cohort. *Circulation: Cardiovascular Interventions*, **2017**, 10,	6	11
82	Impact of diabetes and acute coronary syndrome on survival in patients treated with drug-eluting stents. *Catheterization and Cardiovascular Interventions*, **2008**, 72, 909-14	2.7	11
81	Current State of the Art in Approaches to Saphenous Vein Graft Interventions. *Interventional Cardiology Review*, **2017**, 12, 85-91	4.2	11
80	Utilizing intravascular ultrasound imaging prior to treatment of severely calcified coronary lesions with orbital atherectomy: An ORBIT II sub-analysis. *Journal of Interventional Cardiology*, **2017**, 30, 570-576	1.8	10
79	Acute procedural outcomes of orbital atherectomy for the treatment of common femoral artery disease: Sub-analysis of the CONFIRM Registries. *Vascular Medicine*, **2017**, 22, 301-306	3.3	9
78	Percutaneous coronary intervention for acute myocardial infarction due to unprotected left main coronary artery occlusion: status update 2014. *Catheterization and Cardiovascular Interventions*, **2015**, 85, 416-20	2.7	9
77	Long-term outcomes after percutaneous coronary intervention of left main coronary artery for treatment of cardiac allograft vasculopathy after orthotopic heart transplantation. *American Journal of Cardiology*, **2010**, 106, 1086-9	3	9
76	Orbital atherectomy treatment of severely calcified coronary lesions in patients with impaired left ventricular ejection fraction: one-year outcomes from the ORBIT II study. *EuroIntervention*, **2017**, 13, 329-337	3.1	9
75	Pooled analysis of the CONFIRM registries: safety outcomes in diabetic patients treated with orbital atherectomy for peripheral artery disease. *Journal of Endovascular Therapy*, **2014**, 21, 258-65	2.5	8
74	Long-term outcomes of heart transplantation recipients with transplant coronary artery disease who develop in-stent restenosis after percutaneous coronary intervention. *American Journal of Cardiology*, **2012**, 109, 1729-32	3	8
73	Impact of chronic renal insufficiency on clinical outcomes in patients undergoing saphenous vein graft intervention with drug-eluting stents: a multicenter Southern Californian Registry. *Catheterization and Cardiovascular Interventions*, **2010**, 76, 272-8	2.7	8
72	Percutaneous Coronary Intervention in Severely Calcified Unprotected Left Main Coronary Artery Disease: Initial Experience With Orbital Atherectomy. *Journal of Invasive Cardiology*, **2016**, 28, 147-50	0.7	8
71	Outcomes in Diabetic Patients Undergoing Orbital Atherectomy System. *Journal of Interventional Cardiology*, **2016**, 29, 491-495	1.8	7
70	Cardiac allograft vasculopathy. *Reviews in Cardiovascular Medicine*, **2011**, 12, 143-52	3.9	7
69	Orbital Atherectomy: A Comprehensive Review. *Interventional Cardiology Clinics*, **2019**, 8, 161-171	1.4	6

68	Lower extremity revascularization via endovascular and surgical approaches: A systematic review with emphasis on combined inflow and outflow revascularization. *SAGE Open Medicine*, **2020**, 8, 2050312120929239	2.4	6
67	Acute procedural outcomes of orbital atherectomy for the treatment of iliac artery disease: Sub-analysis of the CONFIRM registries. *Cardiovascular Revascularization Medicine*, **2018**, 19, 503-505	1.6	6
66	Impact of diabetes mellitus on procedural and one year clinical outcomes following treatment of severely calcified coronary lesions with the orbital atherectomy system: A subanalysis of the ORBIT II study. *Catheterization and Cardiovascular Interventions*, **2018**, 91, 1018-1025	2.7	6
65	Impact of lesion location on procedural and acute angiographic outcomes in patients with critical limb ischemia treated for peripheral artery disease with orbital atherectomy: A CONFIRM registries subanalysis. *Catheterization and Cardiovascular Interventions*, **2016**, 87, 440-5	2.7	6
64	A Review of Antithrombotic Treatment in Critical Limb Ischemia After Endovascular Intervention. *Cardiology and Therapy*, **2019**, 8, 193-209	2.8	6
63	ORBIT II sub-analysis: Impact of impaired renal function following treatment of severely calcified coronary lesions with the Orbital Atherectomy System. *Catheterization and Cardiovascular Interventions*, **2017**, 89, 841-848	2.7	6
62	Low-dose heparin for elective percutaneous coronary intervention. *Journal of Interventional Cardiology*, **2014**, 27, 58-62	1.8	6
61	The role of extracorporeal membrane oxygenation in emergent percutaneous coronary intervention for myocardial infarction complicated by cardiogenic shock and cardiac arrest. *Journal of Invasive Cardiology*, **2008**, 20, E269-72	0.7	6
60	Impact of Advanced Age on Procedural and Acute Angiographic Outcomes in Patients Treated for Peripheral Artery Disease With Orbital Atherectomy: A CONFIRM Registries Subanalysis. *Journal of Invasive Cardiology*, **2015**, 27, 381-6	0.7	5
59	Percutaneous Coronary Intervention for Coronary Bifurcation Lesions. *Reviews in Cardiovascular Medicine*, **2017**, 18, 59-66	3.9	5
58	Safety of orbital atherectomy in patients with left ventricular systolic dysfunction. *Journal of Interventional Cardiology*, **2017**, 30, 415-420	1.8	4
57	Characterization of Cardiac Troponin Elevation in the Setting of Pediatric Supraventricular Tachycardia. *Pediatric Cardiology*, **2016**, 37, 392-8	2.1	4
56	Gender differences in acute and 30-day outcomes after orbital atherectomy treatment of de novo, severely calcified coronary lesions. *Catheterization and Cardiovascular Interventions*, **2016**, 87, 671-7	2.7	4
55	Long-term outcomes of percutaneous coronary intervention in transplant coronary artery disease in pediatric heart transplant recipients. *Journal of Invasive Cardiology*, **2012**, 24, 278-81	0.7	4
54	Clinical outcomes in the percutaneous coronary intervention of in-stent restenosis with everolimus-eluting stents. *Journal of Invasive Cardiology*, **2014**, 26, 420-6	0.7	4
53	Novel Technique of Advancing the Rotational Atherectomy Device: "Single-Operator" Technique. *Journal of Invasive Cardiology*, **2016**, 28, 183-6	0.7	4
52	Impact of the Use of Intravascular Imaging on Patients Who Underwent Orbital Atherectomy. *Journal of Invasive Cardiology*, **2018**, 30, 77-80	0.7	4
51	Multicenter Registry of Real-World Patients With Severely Calcified Coronary Lesions Undergoing Orbital Atherectomy: 1-Year Outcomes. *Journal of Invasive Cardiology*, **2018**, 30, 121-124	0.7	4

50	Orbital Atherectomy of Severely Calcified Unprotected Left Main Coronary Artery Disease: One-Year Outcomes. *Journal of Invasive Cardiology*, **2018**, 30, 270-274	0.7	4
49	Long-term outcomes of elective drug-eluting stenting of the unprotected left main coronary artery in patients with normal left ventricular function. *Catheterization and Cardiovascular Interventions*, **2011**, 77, 945-51	2.7	3
48	Thienopyridine reloading in clopidogrel-loaded patients undergoing percutaneous coronary interventions: The PRAISE study. *International Journal of Cardiology*, **2016**, 222, 639-644	3.2	3
47	Safety of Same-Day Discharge after Percutaneous Coronary Intervention with Orbital Atherectomy. *Cardiovascular Revascularization Medicine*, **2019**, 20, 573-576	1.6	3
46	Acute Procedural Outcomes of Orbital Atherectomy for the Treatment of Profunda Femoris Artery Disease: Subanalysis of the CONFIRM Registries. *Journal of Invasive Cardiology*, **2018**, 30, 177-181	0.7	3
45	Optimal Same-Day Platelet Inhibition in Patients Receiving Drug-Eluting Stents With or Without Previous Maintenance Thienopyridine Therapy: from the Evaluation of Platelet Inhibition in Patients Having A VerifyNow Assay (EPIPHANY) Trial. *American Journal of Cardiology*, **2017**, 119, 991-995	3	2
44	Outcomes of patients with myocardial infarction who underwent orbital atherectomy for severely calcified lesions. *Cardiovascular Revascularization Medicine*, **2017**, 18, 497-500	1.6	2
43	Pharmacodynamic study of prasugrel or clopidogrel in non-ST-elevation acute coronary syndrome with CYP2C19 genetic variants undergoing percutaneous coronary intervention (PRAISE-GENE trial). *International Journal of Cardiology*, **2020**, 305, 11-17	3.2	2
42	The Role of Novel Oral Anticoagulants and Antiplatelet Therapy after Percutaneous Coronary Intervention: Individualizing Therapy to Optimize Outcomes. *Korean Circulation Journal*, **2019**, 49, 645-656	2.2	2
41	Opposition: Unfractionated heparin should no longer be used in the catheterization laboratory. *ASEAN Heart Journal: Official Journal of the ASEAN Federation of Cardiology*, **2014**, 22, 7	0	2
40	Achieving safe femoral arterial access. *Current Cardiology Reports*, **2015**, 17, 44	4.2	2
39	Impact of diabetes mellitus on 5-year clinical outcomes following successful endovascular revascularization for peripheral artery disease. *Vascular Medicine*, **2020**, 25, 33-40	3.3	2
38	Assessment of Sex Differences in 5-Year Clinical Outcomes Following Endovascular Revascularization for Peripheral Artery Disease. *Cardiovascular Revascularization Medicine*, **2020**, 21, 110-115	1.6	2
37	Outcomes After Orbital Atherectomy of Severely Calcified Left Main Lesions: Analysis of the ORBIT II Study. *Journal of Invasive Cardiology*, **2016**, 28, 364-9	0.7	2
36	Gender-Based Differences in Outcomes After Orbital Atherectomy for the Treatment of De Novo Severely Calcified Coronary Lesions. *Journal of Invasive Cardiology*, **2016**, 28, 440-443	0.7	2
35	Impact of Impaired Renal Function in Patients With Severely Calcified Coronary Lesions Treated With Orbital Atherectomy. *Journal of Invasive Cardiology*, **2017**, 29, 203-206	0.7	2
34	Incidence of Bradycardia and Outcomes of Patients Who Underwent Orbital Atherectomy Without a Temporary Pacemaker. *Journal of Invasive Cardiology*, **2017**, 29, 59-62	0.7	2
33	"Single-Operator" Technique for Advancing the Orbital Atherectomy Device. *Journal of Invasive Cardiology*, **2017**, 29, 92-95	0.7	2

32	Direct Stenting in Patients Treated with Orbital Atherectomy: An ORBIT II Subanalysis. *Cardiovascular Revascularization Medicine*, **2019**, 20, 454-460	1.6	1
31	Impact of age following treatment of severely calcified coronary lesions with the orbital atherectomy system: 3-year follow-up. *Cardiovascular Revascularization Medicine*, **2018**, 19, 655-659	1.6	1
30	Orbital atherectomy treatment of severely calcified native coronary lesions in patients with prior coronary artery bypass grafting: Acute and one-year outcomes from the ORBIT II trial. *Cardiovascular Revascularization Medicine*, **2018**, 19, 498-502	1.6	1
29	Orbital atherectomy for the treatment of small (2.5mm) severely calcified coronary lesions: ORBIT II sub-analysis. *Cardiovascular Revascularization Medicine*, **2018**, 19, 268-272	1.6	1
28	Fractional Flow Reserve in End-Stage Liver Disease.. *American Journal of Cardiology*, **2021**,	3	1
27	Two-year clinical outcomes of paclitaxel-eluting stents for in-stent restenosis in patients from the ARRIVE programme. *EuroIntervention*, **2011**, 7, 314-22	3.1	1
26	Fractional Flow Reserve and Intravascular Ultrasound of Coronary Artery Lesions Beyond the Left Main: A Review of Literature. *Reviews in Cardiovascular Medicine*, **2018**, 19, 1-11	3.9	1
25	Diagnostic yield of coronary angiography in asymptomatic orthotopic liver transplantation candidates. *Cardiovascular Revascularization Medicine*, **2021**,	1.6	1
24	Long-term outcomes of peripheral arterial disease patients with significant coronary artery disease undergoing percutaneous coronary intervention. *PLoS ONE*, **2021**, 16, e0251542	3.7	1
23	Procedural and Long-Term Ischemic Outcomes of Tight Subtotal Occlusions Treated with Orbital Atherectomy: An ORBIT II Subanalysis. *Cardiovascular Revascularization Medicine*, **2019**, 20, 563-568	1.6	1
22	Orbital Atherectomy for Treatment of Severely Calcified Coronary Artery Bifurcation Lesions: A Multicenter Analysis. *Cardiovascular Revascularization Medicine*, **2021**, 26, 34-38	1.6	1
21	Percutaneous revascularization for left main coronary artery compression from pulmonary artery enlargement due to pulmonary hypertension. *Reviews in Cardiovascular Medicine*, **2012**, 13, e32-6	3.9	1
20	Pooled analysis of the CONFIRM Registries: outcomes in renal disease patients treated for peripheral arterial disease using orbital atherectomy. *Journal of Invasive Cardiology*, **2014**, 26, 350-4	0.7	1
19	Outcomes of Patients With a History of Coronary Artery Bypass Grafting Who Underwent Orbital Atherectomy for Severe Coronary Artery Calcification. *Journal of Invasive Cardiology*, **2017**, 29, 359-362	0.7	1
18	One-Year Outcomes of Orbital Atherectomy of Long, Diffusely Calcified Coronary Artery Lesions. *Journal of Invasive Cardiology*, **2018**, 30, 230-233	0.7	1
17	Outcomes of Orbital Atherectomy in Severely Calcified Small (2.5 mm) Coronary Artery Vessels. *Journal of Invasive Cardiology*, **2018**, 30, 310-314	0.7	1
16	A randomized comparison of estimated radiation exposure between Low and conventional dose protocol during invasive coronary angiography (ERICA trial): Pilot study. *European Journal of Radiology*, **2020**, 129, 109120	4.7	
15	Coronary Orbital Atherectomy **2018**, 681-698		

14	Intervention for Failed Grafts **2014**, 117-125	
13	Comparison of sirolimus-, paclitaxel-, and everolimus-eluting stent in unprotected left main coronary artery percutaneous coronary intervention. *Journal of the Saudi Heart Association*, **2013**, 25, 75-8	0.7
12	Is heparin an acceptable anticoagulant when glycoprotein IIb/IIIa inhibitors are not used?. *JACC: Cardiovascular Interventions*, **2015**, 8, 223-224	5
11	Percutaneous Treatment of Unprotected Left Main Disease With Thin-Strut Durable-Polymer or Early Generation Thicker-Strutted and Coated Bioabsorbable-Polymer Drug-Eluting Stents in a Large-Scale Registry. *Cardiovascular Revascularization Medicine*, **2021**, 32, 43-49	1.6
10	The Impact of Antithrombotic Regimens on Clinical Outcomes After Endovascular Intervention and Bypass Surgery for Infrapopliteal Artery Disease. *Cardiology Research*, **2019**, 10, 255-267	1.8
9	Percutaneous Coronary Intervention With an Initial Bolus of Low-Dose Heparin in Biomarker-Negative Patients. *Cardiovascular Revascularization Medicine*, **2021**, 23, 38-41	1.6
8	A relationship between unrecognized anaemia and the development of type 2 diabetes mellitus in patient with cardiovascular risks. *Clinical and Experimental Pharmacology and Physiology*, **2021**, 48, 455-462	2
7	Bivalirudin in acute coronary syndromes and percutaneous coronary intervention. *Reviews in Cardiovascular Medicine*, **2006**, 7 Suppl 3, S27-34	3.9
6	Multicenter international registry of unprotected left main coronary artery percutaneous coronary intervention with everolimus-eluting stents. *Journal of Invasive Cardiology*, **2012**, 24, 316-9	0.7
5	The use of percutaneous left ventricular assist device in high-risk percutaneous coronary intervention and cardiogenic shock. *Reviews in Cardiovascular Medicine*, **2013**, 14, e144-9	3.9
4	Comparison of Heparin and Bivalirudin in Patients Undergoing Orbital Atherectomy. *Journal of Invasive Cardiology*, **2017**, 29, 397-400	0.7
3	Four-Year Outcomes of Multivessel Percutaneous Coronary Intervention With Xience V Everolimus-Eluting Stents. *Journal of Invasive Cardiology*, **2019**, 31, 240-246	0.7
2	Initial Experience With GlideAssist to Facilitate Advancement of Orbital Atherectomy Prior to Plaque Modification of Severely Calcified Coronary Artery Lesions. *Journal of Invasive Cardiology*, **2019**, 31, 331-334	0.7
1	Impact of Sex on Outcomes Among Patients With Cardiac Allograft Vasculopathy Who Undergo Percutaneous Coronary Intervention. *Journal of Invasive Cardiology*, **2020**, 32, 453-458	0.7