

M Nicholas Burke

List of Publications by Year in descending order

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72
papers

2,703
citations

304743

22
h-index

189892

50
g-index

76
all docs

76
docs citations

76
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	A Percutaneous Treatment Algorithm for Crossing Coronary Chronic Total Occlusions. JACC: Cardiovascular Interventions, 2012, 5, 367-379.	2.9	519
2	A Regional System to Provide Timely Access to Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction. Circulation, 2007, 116, 721-728.	1.6	438
3	Guiding Principles for Chronic Total Occlusion Percutaneous Coronary Intervention. Circulation, 2019, 140, 420-433.	1.6	263
4	The Hybrid Approach to Chronic Total Occlusion Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2018, 11, 1325-1335.	2.9	159
5	Global Chronic Total Occlusion Crossing Algorithm. Journal of the American College of Cardiology, 2021, 78, 840-853.	2.8	111
6	Patients with coronary artery disease not amenable to traditional revascularization: Prevalence and 3-year mortality. Catheterization and Cardiovascular Interventions, 2010, 75, 886-891.	1.7	99
7	Contemporary Arterial Access in the Cardiac Catheterization Laboratory. JACC: Cardiovascular Interventions, 2017, 10, 2233-2241.	2.9	82
8	Update in the Percutaneous Management of Coronary Chronic Total Occlusions. JACC: Cardiovascular Interventions, 2018, 11, 615-625.	2.9	78
9	Saphenous Vein Graft Failure: From Pathophysiology to Prevention and Treatment Strategies. Circulation, 2021, 144, 728-745.	1.6	75
10	Incidence, Treatment, and Outcomes of Coronary Perforation During Chronic Total Occlusion Percutaneous Coronary Intervention. American Journal of Cardiology, 2017, 120, 1285-1292.	1.6	66
11	Meta-analysis of the impact of successful chronic total occlusion percutaneous coronary intervention on left ventricular systolic function and reverse remodeling. Journal of Interventional Cardiology, 2018, 31, 562-571.	1.2	47
12	Procedural Outcomes of Percutaneous Coronary Interventions for Chronic Total Occlusions Via the Radial Approach. JACC: Cardiovascular Interventions, 2019, 12, 346-358.	2.9	47
13	Randomized Comparison of a CrossBoss First Versus Standard Wire Escalation Strategy for Crossing Coronary Chronic Total Occlusions. JACC: Cardiovascular Interventions, 2018, 11, 225-233.	2.9	45
14	Predicting Periprocedural Complications in Chronic Total Occlusion Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2022, 15, 1413-1422.	2.9	45
15	Predictors of Successful Hybrid-Approach Chronic Total Coronary Artery Occlusion Stenting. JACC: Cardiovascular Interventions, 2017, 10, 1089-1098.	2.9	43
16	Incidence, predictors, management and outcomes of coronary perforations. Catheterization and Cardiovascular Interventions, 2019, 93, 48-56.	1.7	41
17	Radial Versus Femoral Access in Chronic Total Occlusion Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2019, 12, e007778.	3.9	40
18	Outcomes with retrograde versus antegrade chronic total occlusion revascularization. Catheterization and Cardiovascular Interventions, 2020, 96, 1037-1043.	1.7	37

#	ARTICLE	IF	CITATIONS
19	Technical and procedural outcomes of the retrograde approach to chronic total occlusion interventions. <i>EuroIntervention</i> , 2020, 16, e891-e899.	3.2	31
20	Update on Cardiac Catheterization in Patients With Prior Coronary Artery Bypass Graft Surgery. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1635-1649.	2.9	29
21	Usefulness of Atherectomy in Chronic Total Occlusion Interventions (from the PROGRESS-CTO) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	28
22	Recent advances in microcatheter technology for the treatment of chronic total occlusions. <i>Expert Review of Medical Devices</i> , 2019, 16, 267-273.	2.8	25
23	Retrograde Approach to Chronic Total Occlusion Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008900.	3.9	24
24	In-Hospital Outcomes of Chronic Total Occlusion Percutaneous Coronary Interventions in Patients With Prior Coronary Artery Bypass Graft Surgery. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007338.	3.9	23
25	Outcomes of subintimal plaque modification in chronic total occlusion percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 1029-1035.	1.7	23
26	Retrograde Chronic Total Occlusion Percutaneous Coronary Intervention via Saphenous Vein Graft. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 517-526.	2.9	21
27	StarClose [®] vascular closure system (VCS) is safe and effective in patients who ambulate early following successful femoral artery access closure—results from the RISE clinical trial. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 80, 45-52.	1.7	20
28	Outcomes of Primary Percutaneous Coronary Intervention in ST-Segment Elevation Myocardial Infarction Patients With Previous Coronary Bypass Surgery. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 981-987.	2.9	19
29	Use of Intravascular Imaging in Patients With ST-Segment Elevation Acute Myocardial Infarction. <i>Cardiovascular Revascularization Medicine</i> , 2021, 30, 59-64.	0.8	19
30	Staged revascularization in patients with acute coronary syndromes due to saphenous vein graft failure and chronic total occlusion of the native vessel: A novel concept. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 440-444.	1.7	16
31	Prevalence and Outcomes of Percutaneous Coronary Interventions for Ostial Chronic Total Occlusions: Insights From a Multicenter Chronic Total Occlusion Registry. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1264-1274.	1.7	14
32	Coronary Intravascular Brachytherapy for Recurrent Coronary Drug-Eluting Stent In-Stent Restenosis: A Systematic Review and Meta-Analysis. <i>Cardiovascular Revascularization Medicine</i> , 2021, 23, 28-35.	0.8	13
33	Update on chronic total occlusion percutaneous coronary intervention. <i>Progress in Cardiovascular Diseases</i> , 2021, 69, 27-34.	3.1	11
34	ST-Segment Elevation Myocardial Infarction Resulting From Stent Thrombosis. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1989-1991.	2.8	9
35	Prevalence, Trends, and Outcomes of Higher-Risk Percutaneous Coronary Interventions Among Patients Without Acute Coronary Syndromes. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 289-292.	0.8	9
36	Equipment utilization in chronic total occlusion percutaneous coronary interventions: Insights from the PROGRESS-CTO registry. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 658-667.	1.7	8

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37	Intravascular Imaging for Chronic Total Occlusion Intervention. <i>Current Cardiovascular Imaging Reports</i> , 2018, 11, 1.	0.6	7
38	Use of chronic total occlusion percutaneous coronary intervention techniques for treating acute vessel closure. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 1297-1300.	1.7	7
39	An alternative treatment strategy for large vessel coronary perforations. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 635-638.	1.7	7
40	Outcomes With Combined Laser Atherectomy and Intravascular Brachytherapy in Recurrent Drug-Eluting Stent In-Stent Restenosis. <i>Cardiovascular Revascularization Medicine</i> , 2021, 22, 29-33.	0.8	7
41	Percutaneous coronary intervention of chronic total occlusions involving a bifurcation: Insights from the PROGRESS-CTO registry. <i>Hellenic Journal of Cardiology</i> , 2022, 66, 80-83.	1.0	7
42	Expecting the unexpected: preventing and managing the consequences of coronary perforations. <i>Expert Review of Cardiovascular Therapy</i> , 2018, 16, 805-814.	1.5	6
43	The Impact of Peripheral Artery Disease in Chronic Total Occlusion Percutaneous Coronary Intervention (Insights From PROGRESS-CTO Registry). <i>Angiology</i> , 2020, 71, 274-280.	1.8	6
44	Systematic review and meta-analysis of short-term outcomes with drug-coated balloons vs. stenting in acute myocardial infarction. <i>Cardiovascular Intervention and Therapeutics</i> , 2021, 36, 481-489.	2.3	6
45	Current challenges and prevention strategies for chronic total occlusion (CTO) complications. <i>Expert Review of Cardiovascular Therapy</i> , 2021, 19, 337-347.	1.5	6
46	Challenges and outcomes of the double kissing crush stenting technique: Insights from the PROGRESS-BIFURCATION registry. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1038-1044.	1.7	6
47	Patient Radiation Dose During Chronic Total Occlusion Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e009412.	3.9	5
48	Latest developments in chronic total occlusion percutaneous coronary intervention. <i>Expert Review of Cardiovascular Therapy</i> , 2020, 18, 415-426.	1.5	5
49	Impact of sleep deprivation on the outcomes of percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 1118-1125.	1.7	4
50	Chronic Total Occlusion Interventions: Update on Current Tips and Tricks. <i>Current Cardiology Reports</i> , 2018, 20, 141.	2.9	4
51	In-hospital Outcomes of Attempting More Than One Chronic Total Coronary Occlusion Through Percutaneous Intervention During the Same Procedure. <i>American Journal of Cardiology</i> , 2018, 122, 381-387.	1.6	4
52	Coronary revascularization and use of hemodynamic support in acute coronary syndromes. <i>Hellenic Journal of Cardiology</i> , 2019, 60, 165-170.	1.0	4
53	Impact of concomitant treatment of non-chronic total occlusion lesions at the time of chronic total occlusion intervention. <i>International Journal of Cardiology</i> , 2020, 299, 75-80.	1.7	4
54	Complications and Failure Modes of Covered Coronary Stents: Insights From the MAUDE Database. <i>Cardiovascular Revascularization Medicine</i> , 2022, 35, 157-160.	0.8	4

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55	Salvage of Simultaneous Acute Coronary Closure and Retroperitoneal Bleeding Using Veno-Arterial Extracorporeal Membrane Oxygenation and Chronic Total Occlusion Percutaneous Coronary Intervention Techniques in a Patient with ST-Segment Elevation Myocardial Infarction. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 42-45.	0.8	3
56	Outcomes With Deferred Versus Performed Revascularization of Coronary Lesions With Gray-Zone Fractional Flow Reserve Values. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008315.	3.9	3
57	Chronic total occlusion percutaneous coronary intervention in octogenarians and nonagenarians. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 1560-1569.	2.6	3
58	Complications and Failure Modes of Stingray LP Balloon: Insights From the MAUDE Database. <i>Cardiovascular Revascularization Medicine</i> , 2022, 35, 187-188.	0.8	3
59	Comparison of Outcomes of Patients with vs without Previous Coronary Artery Bypass Graft Surgery Presenting with ST-Segment Elevation Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 2021, 154, 33-40.	1.6	3
60	“Kissing balloon angioplasty during PCI of right coronary artery chronic total occlusion. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 82, E672-5.	1.7	2
61	Chronic Total Occlusion Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 923-925.	2.9	2
62	A Case-Based Illustration of a Dual-Operator, Dual Microcatheter Technique for Side Branch Wiring. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 21-25.	0.8	2
63	Complications and failure modes of coronary embolic protection devices: Insights from the MAUDE database. <i>Catheterization and Cardiovascular Interventions</i> , 2021, , .	1.7	2
64	Embolic Protection Devices in Vein Graft Interventions. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2296-2298.	2.9	1
65	Impact of adherence to the hybrid algorithm for initial crossing strategy selection in chronic total occlusion percutaneous coronary intervention. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020, 74, 1023-1031.	0.6	1
66	Impacto de la adherencia a un algoritmo h�brido para la selecci3n de la estrategia inicial de cruce en la intervenci3n coronaria percut�nea de oclusiones cr3nicas. <i>Revista Espanola De Cardiologia</i> , 2021, 74, 1024-1024.	1.2	1
67	Radial versus femoral access in patients with coronary artery bypass surgery: Frequentist and Bayesian meta�analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, , .	1.7	1
68	Wire Strategy as a First Option. <i>Interventional Cardiology Clinics</i> , 2012, 1, 309-314.	0.4	0
69	A Case-Based Illustration of the Use of Microcatheter Pressure Transduction for Confirmation of Distal Wire Position in Complex Percutaneous Coronary Intervention. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 55-59.	0.8	0
70	Outcomes of Chronic Total Occlusion (CTO) Percutaneous Coronary Intervention (PCI) According to Race: Insights from the PROGRESS-CTO Registry. <i>Hellenic Journal of Cardiology</i> , 2021, , .	1.0	0
71	Interventional Management of Acute Myocardial Infarction. , 2014, , 207-220.		0
72	Update in Chronic Total Occlusion Percutaneous Coronary Interventions. <i>Journal of the Minneapolis Heart Institute Foundation</i> , 2017, 1, 7-12.	0.0	0