

# Emmanouil S Brilakis

## 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.

680

papers

13,880

citations

56

h-index

94

g-index

917

ext. papers

17,047

ext. citations

3.3

avg, IF

6.44

L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 680 | Oxidized phospholipids, Lp(a) lipoprotein, and coronary artery disease. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 46-57   | 59.2 | 545       |
| 679 | A percutaneous treatment algorithm for crossing coronary chronic total occlusions. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 367-79  | 5    | 385       |
| 678 | Consideration of a new definition of clinically relevant myocardial infarction after coronary revascularization: an expert consensus document from the Society for Cardiovascular Angiography and Interventions (SCAI). <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1563-70                              | 15.1 | 351       |
| 677 | Contemporary Diagnosis and Management of Patients With Myocardial Infarction in the Absence of Obstructive Coronary Artery Disease: A Scientific Statement From the American Heart Association. <i>Circulation</i> , <b>2019</b> , 139, e891-e908   | 16.7 | 270       |
| 676 | Outcomes after complete versus incomplete revascularization of patients with multivessel coronary artery disease: a meta-analysis of 89,883 patients enrolled in randomized clinical trials and observational studies. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1421-31                               | 15.1 | 262       |
| 675 | Procedural outcomes of chronic total occlusion percutaneous coronary intervention: a report from the NCDR (National Cardiovascular Data Registry). <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 245-253   | 5    | 252       |
| 674 | Angiographic success and procedural complications in patients undergoing percutaneous coronary chronic total occlusion interventions: a weighted meta-analysis of 18,061 patients from 65 studies. <i>JACC: Cardiovascular Interventions</i> , <b>2013</b> , 6, 128-36  | 5    | 239       |
| 673 | Association of lipoprotein-associated phospholipase A2 levels with coronary artery disease risk factors, angiographic coronary artery disease, and major adverse events at follow-up. <i>European Heart Journal</i> , <b>2005</b> , 26, 137-44  | 9.5  | 199       |
| 672 | Plasma leptin and prognosis in patients with established coronary atherosclerosis. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 44, 1819-24   | 15.1 | 181       |
| 671 | Relationship of IgG and IgM autoantibodies to oxidized low density lipoprotein with coronary artery disease and cardiovascular events. <i>Journal of Lipid Research</i> , <b>2007</b> , 48, 425-33  | 6.3  | 178       |
| 670 | Development and Validation of a Novel Scoring System for Predicting Technical Success of Chronic Total Occlusion Percutaneous Coronary Interventions: The PROGRESS CTO (Prospective Global Registry for the Study of Chronic Total Occlusion Intervention) Score. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 101-10 | 5    | 171       |
| 669 | A randomized controlled trial of a paclitaxel-eluting stent versus a similar bare-metal stent in saphenous vein graft lesions the SOS (Stenting of Saphenous Vein Grafts) trial. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 53, 919-28  | 15.1 | 164       |
| 668 | Detection of lipid-core plaques by intracoronary near-infrared spectroscopy identifies high risk of periprocedural myocardial infarction. <i>Circulation: Cardiovascular Interventions</i> , <b>2011</b> , 4, 429-37  | 6    | 157       |
| 667 | Perioperative management of patients with coronary stents. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 49, 2145-50   | 15.1 | 157       |
| 666 | Predictors of hyperkalemia and death in patients with cardiac and renal disease. <i>American Journal of Cardiology</i> , <b>2012</b> , 109, 1510-3  | 3    | 147       |
| 665 | Meta-analysis of clinical outcomes of patients who underwent percutaneous coronary interventions for chronic total occlusions. <i>American Journal of Cardiology</i> , <b>2015</b> , 115, 1367-75   | 3    | 146       |
| 664 | Incidence, retrieval methods, and outcomes of stent loss during percutaneous coronary intervention: a large single-center experience. <i>Catheterization and Cardiovascular Interventions</i> , <b>2005</b> , 66, 333-40  | 2.7  | 144       |

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| 663 | Prevalence and management of coronary chronic total occlusions in a tertiary Veterans Affairs hospital. <i>Catheterization and Cardiovascular Interventions</i> , <b>2014</b> , 84, 637-43   | 2.7  | 139 |
| 662 | Body mass index: a risk factor for unstable angina and myocardial infarction in patients with angiographically confirmed coronary artery disease. <i>Circulation</i> , <b>2003</b> , 108, 2206-11  | 16.7 | 139 |
| 661 | Detection by near-infrared spectroscopy of large lipid core plaques at culprit sites in patients with acute ST-segment elevation myocardial infarction. <i>JACC: Cardiovascular Interventions</i> , <b>2013</b> , 6, 838-46  | 5    | 136 |
| 660 | Use of a novel crossing and re-entry system in coronary chronic total occlusions that have failed standard crossing techniques: results of the FAST-CTOs (Facilitated Antegrade Steering Technique in Chronic Total Occlusions) trial. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 393-401                    | 5    | 121 |
| 659 | Guiding Principles for Chronic Total Occlusion Percutaneous Coronary Intervention. <i>Circulation</i> , <b>2019</b> , 140, 420-433   | 16.7 | 120 |
| 658 | Percutaneous coronary intervention in native arteries versus bypass grafts in prior coronary artery bypass grafting patients: a report from the National Cardiovascular Data Registry. <i>JACC: Cardiovascular Interventions</i> , <b>2011</b> , 4, 844-50   | 5    | 120 |
| 657 | Retrograde coronary chronic total occlusion revascularization: procedural and in-hospital outcomes from a multicenter registry in the United States. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 1273-9   | 5    | 115 |
| 656 | The retrograde approach to coronary artery chronic total occlusions: a practical approach. <i>Catheterization and Cardiovascular Interventions</i> , <b>2012</b> , 79, 3-19  | 2.7  | 108 |
| 655 | In vivo characterization of coronary plaques: novel findings from comparing greyscale and virtual histology intravascular ultrasound and near-infrared spectroscopy. <i>European Heart Journal</i> , <b>2012</b> , 33, 372-83  | 9.5  | 107 |
| 654 | Application and outcomes of a hybrid approach to chronic total occlusion percutaneous coronary intervention in a contemporary multicenter US registry. <i>International Journal of Cardiology</i> , <b>2015</b> , 198, 222-8   | 3.2  | 103 |
| 653 | Fast virtual functional assessment of intermediate coronary lesions using routine angiographic data and blood flow simulation in humans: comparison with pressure wire - fractional flow reserve. <i>EuroIntervention</i> , <b>2014</b> , 10, 574-83   | 3.1  | 102 |
| 652 | Subintimal dissection/reentry strategies in coronary chronic total occlusion interventions. <i>Circulation: Cardiovascular Interventions</i> , <b>2012</b> , 5, 729-38   | 6    | 101 |
| 651 | Effect of PCSK9 Inhibitors on Clinical Outcomes in Patients With Hypercholesterolemia: A Meta-Analysis of 35 Randomized Controlled Trials. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,   | 6    | 96  |
| 650 | The Hybrid Approach to Chronic Total Occlusion Percutaneous Coronary Intervention: Update From the PROGRESS CTO Registry. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 1325-1335  | 5    | 92  |
| 649 | Relationship of oxidized phospholipids on apolipoprotein B-100 particles to race/ethnicity, apolipoprotein(a) isoform size, and cardiovascular risk factors: results from the Dallas Heart Study. <i>Circulation</i> , <b>2009</b> , 119, 1711-9   | 16.7 | 92  |
| 648 | Saphenous vein graft intervention. <i>JACC: Cardiovascular Interventions</i> , <b>2011</b> , 4, 831-43   | 5    | 91  |
| 647 | Endothelial progenitor cell mobilization after percutaneous coronary intervention. <i>Atherosclerosis</i> , <b>2006</b> , 189, 70-5  | 3.1  | 89  |
| 646 | A randomized comparison of the transradial and transfemoral approaches for coronary artery bypass graft angiography and intervention: the RADIAL-CABG Trial (RADIAL Versus Femoral Access for Coronary Artery Bypass Graft Angiography and Intervention). <i>JACC: Cardiovascular Interventions</i> , <b>2013</b> , 6, 1138-44 | 5    | 85  |

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| 645 | Procedural outcomes of revascularization of chronic total occlusion of native coronary arteries (from a multicenter United States registry). <i>American Journal of Cardiology</i> , <b>2013</b> , 112, 488-92  | 3    | 82 |
| 644 | Association between plasma adiponectin levels and unstable coronary syndromes. <i>European Heart Journal</i> , <b>2007</b> , 28, 292-8  | 9.5  | 81 |
| 643 | Percutaneous Coronary Intervention in Native Coronary Arteries Versus Bypass Grafts in Patients With Prior Coronary Artery Bypass Graft Surgery: Insights From the Veterans Affairs Clinical Assessment, Reporting, and Tracking Program. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 884-93   | 5    | 78 |
| 642 | Angiographic success and procedural complications in patients undergoing retrograde percutaneous coronary chronic total occlusion interventions: a weighted meta-analysis of 3,482 patients from 26 studies. <i>International Journal of Cardiology</i> , <b>2014</b> , 174, 243-8  | 3.2  | 74 |
| 641 | Outcome of patients undergoing balloon angioplasty in the two months prior to noncardiac surgery. <i>American Journal of Cardiology</i> , <b>2005</b> , 96, 512-4   | 3    | 74 |
| 640 | Continued benefit from paclitaxel-eluting compared with bare-metal stent implantation in saphenous vein graft lesions during long-term follow-up of the SOS (Stenting of Saphenous Vein Grafts) trial. <i>JACC: Cardiovascular Interventions</i> , <b>2011</b> , 4, 176-82  | 5    | 73 |
| 639 | Timing of in-hospital coronary artery bypass graft surgery for non-ST-segment elevation myocardial infarction patients results from the National Cardiovascular Data Registry ACTION Registry-GWTG (Acute Coronary Treatment and Intervention Outcomes Network Registry-Get With The Guidelines). <i>JACC: Cardiovascular Interventions</i> , <b>2010</b> , 3, 419-27 | 5    | 73 |
| 638 | The efficacy of "hybrid" percutaneous coronary intervention in chronic total occlusions caused by in-stent restenosis: insights from a US multicenter registry. <i>Catheterization and Cardiovascular Interventions</i> , <b>2014</b> , 84, 646-51  | 2.7  | 72 |
| 637 | Outcomes With the Use of the Retrograde Approach for Coronary Chronic Total Occlusion Interventions in a Contemporary Multicenter US Registry. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9,  | 6    | 69 |
| 636 | Application of the "hybrid approach" to chronic total occlusions in patients with previous coronary artery bypass graft surgery (from a Contemporary Multicenter US registry). <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 1990-4  | 3    | 69 |
| 635 | Clinical Utility of the Japan-Chronic Total Occlusion Score in Coronary Chronic Total Occlusion Interventions: Results from a Multicenter Registry. <i>Circulation: Cardiovascular Interventions</i> , <b>2015</b> , 8, e002171   | 6    | 68 |
| 634 | Plaque Characterization to Inform the Prediction and Prevention of Periprocedural Myocardial Infarction During Percutaneous Coronary Intervention: The CANARY Trial (Coronary Assessment by Near-infrared of Atherosclerotic Rupture-prone Yellow). <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 927-36   | 5    | 68 |
| 633 | Appropriateness of percutaneous revascularization of coronary chronic total occlusions: an overview. <i>European Heart Journal</i> , <b>2016</b> , 37, 2692-700   | 9.5  | 67 |
| 632 | Periprocedural myocardial injury in chronic total occlusion percutaneous interventions: a systematic cardiac biomarker evaluation study. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 47-54   | 5    | 65 |
| 631 | Medical management after coronary stent implantation: a review. <i>JAMA - Journal of the American Medical Association</i> , <b>2013</b> , 310, 189-98   | 27.4 | 65 |
| 630 | Impact of prior coronary artery bypass graft surgery on chronic total occlusion revascularisation: insights from a multicentre US registry. <i>Heart</i> , <b>2013</b> , 99, 1515-8   | 5.1  | 65 |
| 629 | Contemporary Incidence, Management, and Long-Term Outcomes of Percutaneous Coronary Interventions for Chronic Coronary Artery Total Occlusions: Insights From the VA CART Program. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 866-875  | 5    | 62 |
| 628 | Quality of care for acute coronary syndrome patients with known atherosclerotic disease: results from the Get With the Guidelines Program. <i>Circulation</i> , <b>2009</b> , 120, 560-7  | 16.7 | 59 |

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| 627 | Transradial approach for coronary chronic total occlusion interventions: Insights from a contemporary multicenter registry. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 85, 1123-9   | 2.7 | 58 |
| 626 | Development and Validation of a Scoring System for Predicting Periprocedural Complications During Percutaneous Coronary Interventions of Chronic Total Occlusions: The Prospective Global Registry for the Study of Chronic Total Occlusion Intervention (PROGRESS CTO) Complications Score. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5, | 6   | 57 |
| 625 | Bundle branch block as a predictor of long-term survival after acute myocardial infarction. <i>American Journal of Cardiology</i> , <b>2001</b> , 88, 205-9  | 3   | 57 |
| 624 | Optimizing Radiation Safety in the Cardiac Catheterization Laboratory: A Practical Approach. <i>Catheterization and Cardiovascular Interventions</i> , <b>2016</b> , 87, 291-301   | 2.7 | 56 |
| 623 | The efficacy and safety of the "hybrid" approach to coronary chronic total occlusions: insights from a contemporary multicenter US registry and comparison with prior studies. <i>Journal of Invasive Cardiology</i> , <b>2014</b> , 26, 427-32  | 0.7 | 56 |
| 622 | Update in the Percutaneous Management of Coronary Chronic Total Occlusions. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 615-625  | 5   | 55 |
| 621 | Risk of noncardiac surgery after coronary drug-eluting stent implantation. <i>American Journal of Cardiology</i> , <b>2006</b> , 98, 1212-3  | 3   | 53 |
| 620 | Consideration of a new definition of clinically relevant myocardial infarction after coronary revascularization: an expert consensus document from the Society for Cardiovascular Angiography and Interventions (SCAI). <i>Catheterization and Cardiovascular Interventions</i> , <b>2014</b> , 83, 27-36  | 2.7 | 50 |
| 619 | Influence of race and sex on lipoprotein-associated phospholipase A2 levels: observations from the Dallas Heart Study. <i>Atherosclerosis</i> , <b>2008</b> , 199, 110-5   | 3.1 | 50 |
| 618 | Frequency and predictors of drug-eluting stent use in saphenous vein bypass graft percutaneous coronary interventions: a report from the American College of Cardiology National Cardiovascular Data CathPCI registry. <i>JACC: Cardiovascular Interventions</i> , <b>2010</b> , 3, 1068-73  | 5   | 49 |
| 617 | Utility of Intravascular Ultrasound in Percutaneous Revascularization of Chronic Total Occlusions: An Overview. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 1979-1991   | 5   | 48 |
| 616 | Drug-eluting stents versus bare-metal stents in saphenous vein grafts: a double-blind, randomised trial. <i>Lancet, The</i> , <b>2018</b> , 391, 1997-2007   | 4.0 | 46 |
| 615 | Incidence, Treatment, and Outcomes of Coronary Perforation During Chronic Total Occlusion Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 1285-1292   | 3   | 46 |
| 614 | Complications of Chronic Total Occlusion Angioplasty. <i>Interventional Cardiology Clinics</i> , <b>2012</b> , 1, 373-389  | 1.4 | 46 |
| 613 | Femoropopliteal Artery Stent Thrombosis: Report From the Excellence in Peripheral Artery Disease Registry. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9, e002730   | 6   | 45 |
| 612 | Contemporary Arterial Access in the Cardiac Catheterization Laboratory. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 2233-2241  | 5   | 45 |
| 611 | Frequency and risk of noncardiac surgery after drug-eluting stent implantation. <i>Catheterization and Cardiovascular Interventions</i> , <b>2011</b> , 77, 972-6  | 2.7 | 45 |
| 610 | Methylenetetrahydrofolate reductase (MTHFR) 677C>T and methionine synthase reductase (MTRR) 66A>G polymorphisms: association with serum homocysteine and angiographic coronary artery disease in the era of flour products fortified with folic acid. <i>Atherosclerosis</i> , <b>2003</b> , 168, 315-22   | 3.1 | 45 |

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| 609 | Reversible catecholamine-induced cardiomyopathy in a heart transplant candidate without persistent or paroxysmal hypertension. <i>Journal of Heart and Lung Transplantation</i> , <b>1999</b> , 18, 376-80   | 5.8  | 45 |
| 608 | Effect of concomitant use of clopidogrel and proton pump inhibitors after percutaneous coronary intervention. <i>American Journal of Cardiology</i> , <b>2011</b> , 107, 871-8   | 3    | 44 |
| 607 | Temporal trends of fluoroscopy time and contrast utilization in coronary chronic total occlusion revascularization: insights from a multicenter United States registry. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 85, 393-9  | 2.7  | 43 |
| 606 | Procedural failure of chronic total occlusion percutaneous coronary intervention: Insights from a multicenter US registry. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 85, 1115-22   | 2.7  | 43 |
| 605 | Use of drug-eluting stents for chronic total occlusions: a systematic review and meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , <b>2011</b> , 77, 315-32   | 2.7  | 43 |
| 604 | Procedural Strategies to Reduce the Incidence of Contrast-Induced Acute Kidney Injury During Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 1877-1888   | 5    | 42 |
| 603 | Role of programmed ventricular stimulation and implantable cardioverter defibrillators in patients with idiopathic dilated cardiomyopathy and syncope. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2001</b> , 24, 1623-30   | 1.6  | 41 |
| 602 | Drug-eluting versus bare-metal stent for treatment of saphenous vein grafts: a meta-analysis. <i>PLoS ONE</i> , <b>2010</b> , 5, e11040  | 3.7  | 41 |
| 601 | Distal coronary perforation in patients with prior coronary artery bypass graft surgery: The importance of early treatment. <i>Cardiovascular Revascularization Medicine</i> , <b>2016</b> , 17, 412-7   | 1.6  | 40 |
| 600 | Temporal Trends in the Use of Therapeutic Hypothermia for Out-of-Hospital Cardiac Arrest. <i>JAMA Network Open</i> , <b>2018</b> , 1, e184511  | 10.4 | 40 |
| 599 | Orbital atherectomy for the treatment of severely calcified coronary lesions: evidence, technique, and best practices. <i>Expert Review of Medical Devices</i> , <b>2017</b> , 14, 867-879   | 3.5  | 38 |
| 598 | Three-year outcomes associated with embolic protection in saphenous vein graft intervention: results in 49 325 senior patients in the Medicare-linked National Cardiovascular Data Registry CathPCI Registry. <i>Circulation: Cardiovascular Interventions</i> , <b>2015</b> , 8, e001403              | 6    | 37 |
| 597 | Pilot trial of cryoplasty or conventional balloon post-dilation of nitinol stents for revascularization of peripheral arterial segments: the COBRA trial. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 1352-9  | 15.1 | 37 |
| 596 | Retrograde recanalization of native coronary artery chronic occlusions via acutely occluded vein grafts. <i>Catheterization and Cardiovascular Interventions</i> , <b>2010</b> , 75, 109-13  | 2.7  | 37 |
| 595 | Procedural and longer-term outcomes of wire- versus device-based antegrade dissection and re-entry techniques for the percutaneous revascularization of coronary chronic total occlusions. <i>International Journal of Cardiology</i> , <b>2017</b> , 231, 78-83                                       | 3.2  | 36 |
| 594 | Drug delivering technology for endovascular management of infrainguinal peripheral artery disease. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 827-39   | 5    | 36 |
| 593 | Percutaneous intervention of circumflex chronic total occlusions is associated with worse procedural outcomes: insights from a Multicentre US Registry. <i>Canadian Journal of Cardiology</i> , <b>2014</b> , 30, 1588-94  | 3.8  | 36 |
| 592 | Outcomes of patients with acute coronary syndrome and previous coronary artery bypass grafting (from the Pravastatin or Atorvastatin Evaluation and Infection Therapy [PROVE IT-TIMI 22] and the Aggrastat to Zocor [A to Z] trials). <i>American Journal of Cardiology</i> , <b>2008</b> , 102, 552-8 | 3    | 36 |

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|-----|---|------|----|
| 591 | Outcomes of a preoperative "bridging" strategy with glycoprotein IIb/IIIa inhibitors to prevent perioperative stent thrombosis in patients with drug-eluting stents who undergo surgery necessitating interruption of thienopyridine administration. <i>EuroIntervention</i> , <b>2013</b> , 9, 204-11  | 3.1  | 36 |
| 590 | Application of the "hybrid approach" to chronic total occlusion interventions: a detailed procedural analysis. <i>Journal of Interventional Cardiology</i> , <b>2014</b> , 27, 36-43  | 1.8  | 35 |
| 589 | Clinical presentation and angiographic characteristics of saphenous vein graft failure after stenting: insights from the SOS (stenting of saphenous vein grafts) trial. <i>JACC: Cardiovascular Interventions</i> , <b>2009</b> , 2, 855-60   | 5    | 35 |
| 588 | Percutaneous coronary intervention in tortuous coronary arteries: associated complications and strategies to improve success. <i>Journal of Interventional Cardiology</i> , <b>2008</b> , 21, 504-11  | 1.8  | 35 |
| 587 | Impact of crossing strategy on midterm outcomes following percutaneous revascularisation of coronary chronic total occlusions. <i>EuroIntervention</i> , <b>2017</b> , 13, 978-985  | 3.1  | 35 |
| 586 | Use of antegrade dissection re-entry in coronary chronic total occlusion percutaneous coronary intervention in a contemporary multicenter registry. <i>International Journal of Cardiology</i> , <b>2016</b> , 214, 428-37 <sup>2</sup>   |      | 35 |
| 585 | Comparative Efficacy of Endovascular Revascularization Versus Supervised Exercise Training in Patients With Intermittent Claudication: Meta-Analysis of Randomized Controlled Trials. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 712-724   | 5    | 34 |
| 584 | Comparison of percutaneous coronary intervention in native coronary arteries vs. bypass grafts in patients with prior coronary artery bypass graft surgery. <i>Cardiovascular Revascularization Medicine</i> , <b>2009</b> , 10, 103-9  | 1.6  | 34 |
| 583 | 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 |
| 582 | Impact of Chronic Total Occlusions and Coronary Revascularization on All-Cause Mortality and the Incidence of Ventricular Arrhythmias in Patients With Ischemic Cardiomyopathy. <i>American Journal of Cardiology</i> , <b>2015</b> , 116, 1358-62  | 3    | 33 |
| 581 | Randomized Comparison of a CrossBoss First Versus Standard Wire Escalation Strategy for Crossing Coronary Chronic Total Occlusions: The CrossBoss First Trial. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 225-233  | 5    | 33 |
| 580 | Relation between the presence and extent of coronary lipid core plaques detected by near-infrared spectroscopy with postpercutaneous coronary intervention myocardial infarction. <i>American Journal of Cardiology</i> , <b>2011</b> , 107, 1613-8   | 3    | 33 |
| 579 | Usefulness of QRS duration in the absence of bundle branch block as an early predictor of survival in non-ST elevation acute myocardial infarction. <i>American Journal of Cardiology</i> , <b>2002</b> , 89, 1013-8  | 3    | 33 |
| 578 | Revascularization Trends in Patients With Diabetes Mellitus and Multivessel Coronary Artery Disease Presenting With Non-ST Elevation Myocardial Infarction: Insights From the National Cardiovascular Data Registry Acute Coronary Treatment and Intervention Outcomes Network Registry Get with the Guidelines (NCDR ACTION Registry-GWTG). <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2016</b> , 9, e004000 | 5.8  | 33 |
| 577 | Comparison of various scores for predicting success of chronic total occlusion percutaneous coronary intervention. <i>International Journal of Cardiology</i> , <b>2016</b> , 224, 50-56  | 3.2  | 32 |
| 576 | Real-time fusion of coronary CT angiography with x-ray fluoroscopy during chronic total occlusion PCI. <i>European Radiology</i> , <b>2017</b> , 27, 2464-2473  | 8    | 32 |
| 575 | Accuracy of remote electrocardiogram interpretation with the use of Google Glass technology. <i>American Journal of Cardiology</i> , <b>2015</b> , 115, 374-7   | 3    | 32 |
| 574 | Effect of a real-time radiation monitoring device on operator radiation exposure during cardiac catheterization: the radiation reduction during cardiac catheterization using real-time monitoring study. <i>Circulation: Cardiovascular Interventions</i> , <b>2014</b> , 7, 744-50  | 6    | 32 |

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|-----|--|------|----|
| 573 | Embolic protection device utilization during stenting of native coronary artery lesions with large lipid core plaques as detected by near-infrared spectroscopy. <i>Catheterization and Cardiovascular Interventions</i> , <b>2012</b> , 80, 1157-62                           | 2.7  | 32 |
| 572 | Major Limb Outcomes Following Lower Extremity Endovascular Revascularization in Patients With and Without Diabetes Mellitus. <i>Journal of Endovascular Therapy</i> , <b>2017</b> , 24, 376-382  | 2.5  | 31 |
| 571 | Outcomes of preoperative bridging therapy for patients undergoing surgery after coronary stent implantation: a weighted meta-analysis of 280 patients from eight studies. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 85, 25-31                    | 2.7  | 31 |
| 570 | Treatment of the chronic total occlusion: a call to action for the interventional community. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 85, 771-8   | 2.7  | 31 |
| 569 | Overview and proposed terminology for the reverse controlled antegrade and retrograde tracking (reverse CART) techniques. <i>EuroIntervention</i> , <b>2018</b> , 14, 94-101   | 3.1  | 31 |
| 568 | Acute coronary syndrome due to extrinsic compression of the left main coronary artery in a patient with severe pulmonary hypertension: successful treatment with percutaneous coronary intervention. <i>Cardiovascular Revascularization Medicine</i> , <b>2008</b> , 9, 47-51 | 1.6  | 30 |
| 567 | Meta-analysis of the impact of successful chronic total occlusion percutaneous coronary intervention on left ventricular systolic function and reverse remodeling. <i>Journal of Interventional Cardiology</i> , <b>2018</b> , 31, 562-571                                     | 1.8  | 30 |
| 566 | Long-term outcomes with use of the CrossBoss and stingray coronary CTO crossing and re-entry devices. <i>Journal of Invasive Cardiology</i> , <b>2013</b> , 25, 579-85   | 0.7  | 30 |
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