

# Daniel Chamie

## List of Publications by Year in descending order

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60  
papers

1,201  
citations

430442

18  
h-index

395343

33  
g-index

85  
all docs

85  
docs citations

85  
times ranked

1548  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Next-Generation Bioresorbable Coronary Scaffold System: From Bench to First Clinical Evaluation. JACC: Cardiovascular Interventions, 2014, 7, 89-99.	1.1	147
2	Incidence, Predictors, Morphological Characteristics, and Clinical Outcomes of Stent Edge Dissections Detected by Optical Coherence Tomography. JACC: Cardiovascular Interventions, 2013, 6, 800-813.	1.1	137
3	Serial Multimodality Imaging and 2-Year Clinical Outcomes of the Novel DESolve Novolimus-Eluting Bioresorbable Coronary Scaffold System for the Treatment of Single De Novo Coronary Lesions. JACC: Cardiovascular Interventions, 2016, 9, 565-574.	1.1	91
4	Volumetric quantification of fibrous caps using intravascular optical coherence tomography. Biomedical Optics Express, 2012, 3, 1413.	1.5	79
5	Volumetric Characterization of Human Coronary Calcification by Frequency-Domain Optical Coherence Tomography. Circulation Journal, 2013, 77, 2334-2340.	0.7	72
6	Frequency-domain optical coherence tomography assessment of unprotected left main coronary artery disease—a comparison with intravascular ultrasound. Catheterization and Cardiovascular Interventions, 2013, 82, E173-83.	0.7	70
7	Automatic stent detection in intravascular OCT images using bagged decision trees. Biomedical Optics Express, 2012, 3, 2809.	1.5	51
8	Optical coherence tomography endpoints in stent clinical investigations: strut coverage. International Journal of Cardiovascular Imaging, 2011, 27, 271-287.	0.7	36
9	Serial Assessment of Strut Coverage of Biodegradable Polymer Drug-Eluting Stent at 1, 2, and 3 Months After Stent Implantation by Optical Frequency Domain Imaging. Circulation: Cardiovascular Interventions, 2017, 10, .	1.4	36
10	First-in-Human Evaluation of a Novel Polymer-Free Drug-Filled Stent. JACC: Cardiovascular Interventions, 2017, 10, 147-156.	1.1	34
11	A novel drug-coated scoring balloon for the treatment of coronary in-stent restenosis: Results from the multi-center randomized controlled PATENT first in human trial. Catheterization and Cardiovascular Interventions, 2016, 88, 51-59.	0.7	32
12	Randomized Comparison of Absorb Bioresorbable Vascular Scaffold and Mirage Microfiber Sirolimus-Eluting Scaffold Using Multimodality Imaging. JACC: Cardiovascular Interventions, 2017, 10, 1115-1130.	1.1	32
13	Utilization of frequency domain optical coherence tomography and fractional flow reserve to assess intermediate coronary artery stenoses: conciliating anatomic and physiologic information. International Journal of Cardiovascular Imaging, 2011, 27, 299-308.	0.7	28
14	Optical Coherence Tomography Versus Intravascular Ultrasound and Angiography to Guide Percutaneous Coronary Interventions. Circulation: Cardiovascular Interventions, 2021, 14, e009452.	1.4	26
15	Assessing the Temporal Course of Neointimal Hyperplasia Formation After Different Generations of Drug-Eluting Stents. JACC: Cardiovascular Interventions, 2011, 4, 1067-1074.	1.1	23
16	Unrestricted utilization of frequency domain optical coherence tomography in coronary interventions. International Journal of Cardiovascular Imaging, 2013, 29, 741-752.	0.7	22
17	Serial Assessment of Vessel Interactions After Drug-Eluting Stent Implantation in Unprotected Distal Left Main Coronary Artery Disease Using Frequency-Domain Optical Coherence Tomography. JACC: Cardiovascular Interventions, 2013, 6, 1035-1045.	1.1	18
18	Optical Coherence Tomography and Fibrous Cap Characterization. Current Cardiovascular Imaging Reports, 2011, 4, 276-283.	0.4	15

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19	Serial Angiography and Intravascular Ultrasound: Results of the SISC Registry (Stents In Small) Tj ETQq1 1 0.784314. J Am Coll Cardiol, 2014, 64, 1117-1125.	1.1	13
20	Role of invasive imaging in acute and long-term assessment of bioresorbable scaffold technology. Catheterization and Cardiovascular Interventions, 2016, 88, 38-53.	0.7	13
21	Metallic Limus-eluting Stents Abluminally Coated with Biodegradable Polymers: Angiographic and Clinical Comparison of a Novel Ultra-thin Sirolimus Stent Versus Biolimus Stent in the DESTINY Randomized Trial. Cardiovascular Therapeutics, 2015, 33, 367-371.	1.1	12
22	Clinical, angiographic, and intravascular ultrasound results of the VestSaync II trial. Catheterization and Cardiovascular Interventions, 2014, 84, 1073-1079.	0.7	11
23	Comparison of neointimal coverage between ultrathin biodegradable polymer-coated sirolimus-eluting stents and durable polymer-coated everolimus-eluting stents: 6 months optical coherence tomography follow-up from the TAXCO study. Catheterization and Cardiovascular Interventions, 2021, 97, 423-430.	0.7	11
24	Pressure-mediated versus pharmacologic treatment of radial artery spasm during cardiac catheterisation: a randomised pilot study. EuroIntervention, 2017, 12, e2212-e2218.	1.4	11
25	Serial angiographic and intravascular ultrasound evaluation to interrogate the presence of late "catch-up" phenomenon after cypher® sirolimus-eluting stent implantation. International Journal of Cardiovascular Imaging, 2011, 27, 867-874.	0.7	8
26	The Effect of Strut Protrusion on Shear Stress Distribution. JACC: Cardiovascular Interventions, 2017, 10, 1803-1805.	1.1	8
27	Intravascular imaging comparison of two metallic limus-eluting stents abluminally coated with biodegradable polymers: IVUS and OCT results of the DESTINY trial. International Journal of Cardiovascular Imaging, 2017, 33, 161-168.	0.7	8
28	Imaging-guided pre-dilatation, stenting, post-dilatation: a protocolized approach highlighting the importance of intravascular imaging for implantation of bioresorbable scaffolds. Expert Review of Cardiovascular Therapy, 2018, 16, 431-440.	0.6	8
29	Fractional flow reserve derived from microcatheters versus standard pressure wires: a stenosis-level meta-analysis. Open Heart, 2019, 6, e000971.	0.9	8
30	Serial greyscale and radiofrequency intravascular ultrasound assessment of plaque modification and vessel geometry at proximal and distal edges of bare metal and first-generation drug-eluting stents. EuroIntervention, 2012, 8, 225-234.	1.4	8
31	Fórmula de CKD-EPI versus Cockcroft-Gault na predição de nefropatia induzida por contraste após intervenção coronária percutânea, em pacientes sem disfunção renal significativa. Revista Portuguesa De Cardiologia, 2018, 37, 25-33.	0.2	7
32	Response by Chamié et al to Letter Regarding Article, "Optical Coherence Tomography Versus Intravascular Ultrasound and Angiography to Guide Percutaneous Coronary Interventions: The iSIGHT Randomized Trial." Circulation: Cardiovascular Interventions, 2021, 14, e011004.	1.4	7
33	TCT-546 6-Month Angiographic Results of the Novel MIRAGE Microfiber Sirolimus-Eluting Bioresorbable Vascular Scaffold - A Quantitative Coronary Angiography Analysis from the Prospective, Randomized MIRAGE Clinical Trial. Journal of the American College of Cardiology, 2015, 66, B223.	1.2	6
34	3D registration of intravascular optical coherence tomography and cryo-image volumes for microscopic-resolution validation. , 2016, 9788, .		6
35	Three-dimensional registration of intravascular optical coherence tomography and cryo-image volumes for microscopic-resolution validation. Journal of Medical Imaging, 2016, 3, 1.	0.8	6
36	Three-Dimensional Fourier-Domain Optical Coherence Tomography Imaging: Advantages and Future Development. Current Cardiovascular Imaging Reports, 2012, 5, 221-230.	0.4	5

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37	Healing and early stent coverage after ultrathin strut biodegradable polymer-coated sirolimus-eluting stent implantation: <sc>SiBi</sc> optical coherence tomography study. Catheterization and Cardiovascular Interventions, 2021, 98, 1335-1342.	0.7	5
38	The revascular active percutaneous interventional device for coronary total occlusions study. Catheterization and Cardiovascular Interventions, 2008, 72, 156-163.	0.7	4
39	Very long-term follow-up of strut apposition and tissue coverage with Biolimus A9 stents analyzed by optical coherence tomography. International Journal of Cardiovascular Imaging, 2013, 29, 977-988.	0.7	4
40	Automatic stent strut detection in intravascular OCT images using image processing and classification technique. , 2013, , .		4
41	A Journey Into the Carotid Artery Microenvironment in High Resolution. JACC: Cardiovascular Interventions, 2014, 7, 685-687.	1.1	4
42	Serial intravascular ultrasound evaluation of the DESolve, a novel sirolimus-eluting bioresorbable coronary scaffold system. Catheterization and Cardiovascular Interventions, 2018, 92, E368-E374.	0.7	4
43	Comparative clinical performance of two types of drug-eluting stents with abluminal biodegradable polymer coating: Five-year results of the DESTINY randomized trial. Revista Portuguesa De Cardiologia, 2021, 40, 71-76.	0.2	4
44	Ex Vivo Cryoimaging for Plaque Characterization. JACC: Cardiovascular Imaging, 2014, 7, 430-432.	2.3	3
45	Diagnostic Accuracy of 320-Row Computed Tomography for Characterizing Coronary Atherosclerotic Plaques: Comparison with Intravascular Optical Coherence Tomography. Cardiovascular Revascularization Medicine, 2020, 21, 640-646.	0.3	3
46	Five-year safety and performance data of a novel third-generation sirolimus-eluting bioresorbable scaffold in single de novo lesions. EuroIntervention, 2019, 15, 685-687.	1.4	3
47	A Shocking Front Nine. Circulation, 2012, 126, 2526-2532.	1.6	2
48	Adequação das Práticas do Laboratório de Cateterismo durante a Pandemia de COVID-19: O Protocolo do Instituto Dante Pazzanese de Cardiologia. Arquivos Brasileiros De Cardiologia, 2020, 115, 558-568.	0.3	2
49	TCT-431 RANDOMIZED COMPARISON OF ABSORB BIORESORBABLE VASCULAR SCAFFOLD AND MIRAGE MICROFIBER SIROLIMUS ELUTING SCAFFOLD USING MULTI-MODALITY IMAGING. Journal of the American College of Cardiology, 2016, 68, B174.	1.2	1
50	TCT-443 First-in-Human Clinical Study with a Novel Drug-Filled Stent: 9-Month Clinical, Angiographic, IVUS, and OCT Outcomes from the RevElution Study. Journal of the American College of Cardiology, 2016, 68, B178-B179.	1.2	1
51	Avaliação Fisiológica Invasiva: Do Binário ao Contínuo. Arquivos Brasileiros De Cardiologia, 2020, 114, 265-267.	0.3	1
52	TCT-578 Vascular Responses at the Edges of the DESolve Sirolimus-Eluting Bioresorbable Vascular Scaffold: Serial OCT Observations from the Pivotal, Prospective, Multicenter, DESolve NX Study. Journal of the American College of Cardiology, 2013, 62, B175.	1.2	0
53	TCT-600 Six-Month Results of the DESolve Sirolimus-Eluting Bioresorbable Scaffold for the Treatment of Single, De Novo, Coronary Artery Lesions: Serial OCT Analysis from the Pivotal, Prospective Multicenter DESolve NX. Journal of the American College of Cardiology, 2013, 62, B182.	1.2	0
54	Factors associated with progression of coronary artery disease measured by intravascular ultrasound: Systematic review and meta-analysis. International Journal of Cardiology, 2014, 174, 816-818.	0.8	0

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55	Vascular response after implantation of biolimus A9-eluting stent with bioabsorbable polymer and everolimus-eluting stents with durable polymer. Results of the optical coherence tomography analysis of the BIOACTIVE randomized trial. Revista Brasileira De Cardiologia Invasiva (English) Tj ETQq1 1 0.784314 0.1 BT /Overlock 10	0.1	0
56	Suboptimal Bifurcation Stenting. JACC: Cardiovascular Interventions, 2018, 11, e37-e40.	1.1	0
57	Stents and the Endothelium. , 2018, , 597-608.		0
58	Comparative clinical performance of two types of drug-eluting stents with abluminal biodegradable polymer coating: Five-year results of the DESTINY randomized trial. Revista Portuguesa De Cardiologia (English Edition), 2021, 40, 71-76.	0.2	0
59	Stent type identification with optical coherence tomography: novelty in search of clinical application. EuroIntervention, 2021, 17, e103-e104.	1.4	0
60	Fractional flow reserve: physiological bases, clinical applications and limitations. Journal of Transcatheter Interventions, 0, 30, 1-17.	0.1	0