

Christopher Raffel

List of Publications by Citations

Source: <https://exaly.com/author-pdf/224920/christopher-raffel-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

3,637
citations

24
h-index

60
g-index

79
ext. papers

4,650
ext. citations

6
avg. IF

4.7
L-index

#	Paper	IF	Citations
74	Alirocumab and Cardiovascular Outcomes after Acute Coronary Syndrome. <i>New England Journal of Medicine</i> , 2018 , 379, 2097-2107	59.2	1277
73	In vivo diagnosis of plaque erosion and calcified nodule in patients with acute coronary syndrome by intravascular optical coherence tomography. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1748-58	15.1	481
72	Utility of cardiac biomarkers in predicting infarct size, left ventricular function, and clinical outcome after primary percutaneous coronary intervention for ST-segment elevation myocardial infarction. <i>JACC: Cardiovascular Interventions</i> , 2008 , 1, 415-23	5	164
71	Effect of Alirocumab on Lipoprotein(a) and Cardiovascular Risk After Acute Coronary Syndrome. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 133-144	15.1	147
70	Effects of alirocumab on cardiovascular and metabolic outcomes after acute coronary syndrome in patients with or without diabetes: a prespecified analysis of the ODYSSEY OUTCOMES randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 618-628	18.1	120
69	Association of leukocyte and neutrophil counts with infarct size, left ventricular function and outcomes after percutaneous coronary intervention for ST-elevation myocardial infarction. <i>American Journal of Cardiology</i> , 2009 , 103, 333-7	3	116
68	Alirocumab Reduces Total Nonfatal Cardiovascular and Fatal Events: The ODYSSEY OUTCOMES Trial. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 387-396	15.1	96
67	In vivo association between positive coronary artery remodelling and coronary plaque characteristics assessed by intravascular optical coherence tomography. <i>European Heart Journal</i> , 2008 , 29, 1721-8	9.5	94
66	Relationship between a systemic inflammatory marker, plaque inflammation, and plaque characteristics determined by intravascular optical coherence tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1820-7	9.4	92
65	Prognostic differences between different types of bundle branch block during the early phase of acute myocardial infarction: insights from the Hirulog and Early Reperfusion or Occlusion (HERO)-2 trial. <i>European Heart Journal</i> , 2006 , 27, 21-8	9.5	90
64	Alirocumab in Patients With Polyvascular Disease and Recent Acute Coronary Syndrome: ODYSSEY OUTCOMES Trial. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1167-1176	15.1	87
63	Effect of Alirocumab on Mortality After Acute Coronary Syndromes. <i>Circulation</i> , 2019 , 140, 103-112	16.7	72
62	Initial Q waves accompanying ST-segment elevation at presentation of acute myocardial infarction and 30-day mortality in patients given streptokinase therapy: an analysis from HERO-2. <i>Lancet</i> , 2006 , 367, 2061-7	40	60
61	Calcified plaque: measurement of area at thin-section flat-panel CT and 64-section multidetector CT and comparison with histopathologic findings. <i>Radiology</i> , 2008 , 249, 301-6	20.5	51
60	Spontaneous coronary artery dissection: utility of intravascular ultrasound and optical coherence tomography during percutaneous coronary intervention. <i>Circulation: Cardiovascular Interventions</i> , 2011 , 4, e5-7	6	50
59	Diagnostic accuracy of intracoronary optical coherence tomography-derived fractional flow reserve for assessment of coronary stenosis severity. <i>EuroIntervention</i> , 2019 , 15, 189-197	3.1	38
58	Cardiac optical coherence tomography. <i>Heart</i> , 2008 , 94, 1200-10	5.1	37

57	Association of statin therapy with reduced coronary plaque rupture: an optical coherence tomography study. <i>Coronary Artery Disease</i> , 2008 , 19, 237-42	1.4	37
56	Effects of Alirocumab on Cardiovascular Events After Coronary Bypass Surgery. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1177-1186	15.1	33
55	Mapping of mitral regurgitant defects by cardiovascular magnetic resonance in moderate or severe mitral regurgitation secondary to mitral valve prolapse. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008 , 10, 16	6.9	33
54	In-vivo comparison of coronary plaque characteristics using optical coherence tomography in women vs. men with acute coronary syndrome. <i>Coronary Artery Disease</i> , 2007 , 18, 423-7	1.4	33
53	Elevated B-type natriuretic peptide despite normal left ventricular function on rest and exercise stress echocardiography in mitral regurgitation. <i>European Heart Journal</i> , 2008 , 29, 363-70	9.5	32
52	Impact of optimising fluoroscopic implant angles on paravalvular regurgitation in transcatheter aortic valve replacements - utility of three-dimensional rotational angiography. <i>EuroIntervention</i> , 2012 , 8, 538-45	3.1	29
51	Effects of alirocumab on types of myocardial infarction: insights from the ODYSSEY OUTCOMES trial. <i>European Heart Journal</i> , 2019 , 40, 2801-2809	9.5	27
50	Risk Categorization Using New American College of Cardiology/American Heart Association Guidelines for Cholesterol Management and Its Relation to Alirocumab Treatment Following Acute Coronary Syndromes. <i>Circulation</i> , 2019 , 140, 1578-1589	16.7	24
49	Spontaneous recanalization of a coronary artery after thrombotic occlusion: in vivo demonstration with optical coherence tomography. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1274	15.1	24
48	Pilot study to assess the influence of beta-blockade on mitral regurgitant volume and left ventricular work in degenerative mitral valve disease. <i>Circulation</i> , 2008 , 118, 1041-6	16.7	24
47	Pre-hospital ambulance notification and initiation of treatment of ST elevation myocardial infarction is associated with significant reduction in door-to-balloon time for primary PCI. <i>Heart Lung and Circulation</i> , 2014 , 23, 435-43	1.8	21
46	Takotsubo cardiomyopathy: an Australian single centre experience with medium term follow up. <i>Internal Medicine Journal</i> , 2012 , 42, 35-42	1.6	21
45	Comparison of coronary plaque characteristics between diabetic and non-diabetic subjects: An in vivo optical coherence tomography study. <i>Diabetes Research and Clinical Practice</i> , 2008 , 81, 155-60	7.4	21
44	CT angiography with cardiac MRI: non-invasive functional and anatomical assessment for the etiology in newly diagnosed heart failure. <i>International Journal of Cardiovascular Imaging</i> , 2012 , 28, 1111-22	2.5	18
43	Optical coherence tomography-based patient-specific coronary artery reconstruction and fluid-structure interaction simulation. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020 , 19, 7-20	3.8	18
42	The long-term outcomes of transcatheter ablation of septal hypertrophy compared to surgical myectomy in patients with symptomatic hypertrophic obstructive cardiomyopathy. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 83, 270-7	2.7	14
41	Factors Contributing to Acute Kidney Injury and the Impact on Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Heart Lung and Circulation</i> , 2016 , 25, 282-9	1.8	14
40	Radiation Exposure of Operators Performing Transesophageal Echocardiography During Percutaneous Structural Cardiac Interventions. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 1246-1254	15.1	13

39	Alirocumab Reduces Total Hospitalizations and Increases Days Alive and Out of Hospital in the ODYSSEY OUTCOMES Trial. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019 , 12, e005858	5.8	13
38	Comparison of atrial and brain natriuretic peptide for the assessment of mitral stenosis. <i>Heart Lung and Circulation</i> , 2011 , 20, 517-24	1.8	13
37	Hyperglycemia on admission predicts larger infarct size in patients undergoing percutaneous coronary intervention for acute ST-segment elevation myocardial infarction. <i>Diabetes Research and Clinical Practice</i> , 2010 , 88, 97-102	7.4	13
36	Transcatheter valve-in-valve replacement of degenerated bioprosthetic aortic valves: a single Australian Centre experience. <i>Cardiovascular Revascularization Medicine</i> , 2014 , 15, 388-92	1.6	11
35	Comparison of surgical repair and percutaneous stent implantation for native coarctation of the aorta in patients \geq 5 years of age. <i>International Journal of Cardiology</i> , 2016 , 203, 629-31	3.2	6
34	Comparison between integrated backscatter intravascular ultrasound and 64-slice multi-detector row computed tomography for tissue characterization and volumetric assessment of coronary plaques. <i>Cardiovascular Ultrasound</i> , 2012 , 10, 33	2.4	6
33	Intracardiac echocardiography guided transeptal catheter injection of microspheres for assessment of cerebral microcirculation in experimental models. <i>Cardiology Research and Practice</i> , 2013 , 2013, 595838	1.9	6
32	Immediate closure of paravalvular leak after transcatheter aortic valve implantation. <i>Heart Lung and Circulation</i> , 2014 , 23, e251-3	1.8	5
31	Drug eluting stents trapping intramural hematoma in spontaneous coronary artery dissection and healing pattern at six months: optical coherence tomography findings. <i>Cardiovascular Revascularization Medicine</i> , 2013 , 14, 183-6	1.6	5
30	Carotid Bifurcation With Tandem Stenosis-A Patient-Specific Case Study Combined Imaging, Histology and Simulation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 349	5.8	5
29	Conservative management and resolution of a contained rupture of aortic annulus following transcatheter valve replacement. <i>JACC: Cardiovascular Interventions</i> , 2013 , 6, e33-4	5	4
28	Using DynaCT for the assessment of ilio-femoral arterial calibre, calcification and tortuosity index in patients selected for trans-catheter aortic valve replacement. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 1537-45	2.5	4
27	Optical coherence tomography: fundamentals and clinical utility. <i>Cardiovascular Diagnosis and Therapy</i> , 2020 , 10, 1389-1414	2.6	4
26	Non-invasive assessment of myocardial ischaemia by using low amplitude oscillations of the conventional ECG signals (ECG dispersion mapping) during percutaneous coronary intervention. <i>Acta Cardiologica</i> , 2009 , 64, 11-5	0.9	4
25	Outcomes of transcatheter aortic valve implantation in high surgical risk and inoperable patients with aortic stenosis: a single Australian Centre experience. <i>Internal Medicine Journal</i> , 2016 , 46, 42-51	1.6	4
24	Cerebral microcirculation during mild head injury after a contusion and acceleration experimental model in sheep. <i>Brain Injury</i> , 2016 , 30, 1542-1551	2.1	3
23	Percutaneous Transvenous Mitral Valve-in-Valve Implantation Using Commercially Available Transcatheter Valve. First Australian Experience. <i>Heart Lung and Circulation</i> , 2018 , 27, e42-e45	1.8	3
22	Retrospective Study of First-Generation Drug-Eluting Stents, Second-Generation Drug-Eluting Stents and Non-Drug Eluting Stent Methods in the Treatment of Native Vessel In-Stent Restenosis in Real-World Clinical Practice. <i>Heart Lung and Circulation</i> , 2016 , 25, 342-51	1.8	2

21	The effect of X-ray beam distortion on the Edwards Sapien XT (T) trans-catheter aortic valve replacement prosthesis. <i>Journal of Medical Radiation Sciences</i> , 2015 , 62, 239-45	1.5	2
20	First Australian transapical mitral valve-in-valve implant for a failed mitral bioprosthesis: how to do it. <i>Heart Lung and Circulation</i> , 2012 , 21, 737-9	1.8	2
19	Incidental finding of a ruptured thin-cap fibroatheroma by optical coherence tomography. <i>European Heart Journal</i> , 2006 , 27, 2393	9.5	2
18	Cerebral Microcirculation during Experimental Normovolaemic Anemia. <i>Frontiers in Neurology</i> , 2016 , 7, 6	4.1	2
17	IMAGES IN CLINICAL MEDICINE. Enlarged Right Atrium. <i>New England Journal of Medicine</i> , 2016 , 375, e7	59.2	2
16	Shirtfront Myocardial Infarction: Traumatic Coronary Plaque Disruption Secondary to a Football Tackle. <i>Heart Lung and Circulation</i> , 2017 , 26, e90-e92	1.8	1
15	A rare mechanism of very late bare metal stent thrombosis--role of optical coherence imaging in its evaluation and management. <i>Heart Lung and Circulation</i> , 2014 , 23, 190-2	1.8	1
14	Normal functioning of a constrained CoreValve with DynaCT imaging demonstrating incomplete stent frame expansion. <i>International Journal of Cardiology</i> , 2013 , 163, e9-10	3.2	1
13	Practising what is preached: the MINAP study. <i>Heart</i> , 2004 , 90, 969-71	5.1	1
12	Prognostic Value of Cardiac Magnetic Resonance Imaging in Acute Coronary Syndrome Patients With Troponin Elevation and Nonobstructive Coronary Arteries. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 1822-1834	6.4	1
11	Case Report: Evaluating Biomechanical Risk Factors in Carotid Stenosis by Patient-Specific Fluid-Structural Interaction Biomechanical Analysis. <i>Cerebrovascular Diseases</i> , 2021 , 50, 262-269	3.2	1
10	The effects of normovolemic anemia and blood transfusion on cerebral microcirculation after severe head injury. <i>Intensive Care Medicine Experimental</i> , 2018 , 6, 46	3.7	1
9	Coronary CT angiography for patients with stable chest pain in the emergency department; an appraisal of current and emerging evidence. <i>Internal Medicine Journal</i> , 2012 , 42, 226-8; author reply 228-9	1.6	0
8	Coronary plaque and clinical characteristics of South Asian (Indian) patients with acute coronary syndromes: An optical coherence tomography study. <i>International Journal of Cardiology</i> , 2021 , 343, 171-179	3.7	0
7	Thrombocytopenia post Transcatheter Aortic Valve Insertion: Clinical and Prognostic Significance. <i>Structural Heart</i> , 2019 , 3, 150-154	0.6	
6	Cerebral Microcirculation and Histological Mapping After Severe Head Injury: A Contusion and Acceleration Experimental Model. <i>Frontiers in Neurology</i> , 2018 , 9, 277	4.1	
5	Optical coherence tomography of late acquired bare metal stent malapposition: bare metal stent "diverticulosis". <i>Heart Lung and Circulation</i> , 2013 , 22, 688-9	1.8	
4	Left atrial appendage closure for non-valvular atrial fibrillation. <i>Heart Lung and Circulation</i> , 2012 , 21, 247-8	1.8	

- 3 Unconventional technique to catheterize an anomalous right coronary artery system. *International Journal of Cardiology*, **2012**, 159, e43-4 3.2
- 2 Successful hybrid coronary artery revascularisation in a patient with severe cerebrovascular disease: a new treatment option to minimise the risk of stroke. *BMJ Case Reports*, **2017**, 2017, 0.9
- 1 Quantitative analysis of the side-branch orifice after bifurcation stenting using en-face processing of OCT images: a comparison between Xience V and Resolute Integrity stents. *Coronary Artery Disease*, **2016**, 27, 19-28 1.4