

Jonathan Beaudoin

List of Publications by Year in Descending Order

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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.

64
papers

1,386
citations

22
h-index

36
g-index

72
ext. papers

2,045
ext. citations

4.6
avg, IF

4.1
L-index

#	Paper	IF	Citations
64	Cardiac Damage Staging Classification in Asymptomatic Moderate or Severe Primary Mitral Regurgitation. <i>Structural Heart</i> , 2022 , 100004	0.6	0
63	Percutaneous left atrial appendage closure in patients with primary hemostasis disorders and atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021 , 1	2.4	0
62	Ten Questions Cardiologists Should Be Able to Answer About Cardiac Sarcoidosis: Case-Based Approach and Contemporary Review. <i>CJC Open</i> , 2021 , 3, 532-548	2	1
61	Flexibility of microstructural adaptations in airway smooth muscle. <i>Journal of Applied Physiology</i> , 2021 , 130, 1555-1561	3.7	0
60	Impact of sex on the management and outcome of aortic stenosis patients. <i>European Heart Journal</i> , 2021 , 42, 2683-2691	9.5	10
59	Prognosis of functional mitral regurgitation after aortic valve replacement for pure severe aortic stenosis. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 3100-3111	1.3	4
58	Safety and effects of volume loading during transesophageal echocardiography in the pre-procedural work-up for left atrial appendage closure. <i>Cardiovascular Ultrasound</i> , 2021 , 19, 3	2.4	1
57	Pathophysiology, Diagnosis, and New Therapeutic Approaches for Ischemic Mitral Regurgitation. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 968-979	3.8	1
56	Billowing Motion of the Polyester Fabric Cover With WATCHMAN FLX Device: The Wind Sailing Effect. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, e201-e204	5	0
55	A Machine-Learning Framework to Identify Distinct Phenotypes of Aortic Stenosis Severity. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1707-1720	8.4	5
54	Safety of Transesophageal Echocardiography to Guide Structural Cardiac Interventions. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 3164-3173	15.1	28
53	Is heart transplantation a valuable option in patients with diffuse systemic sclerosis and primary cardiac involvement?. <i>Clinical Case Reports (discontinued)</i> , 2020 , 8, 137-141	0.7	1
52	Attenuated Mitral Leaflet Enlargement Contributes to Functional Mitral Regurgitation After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 395-405	15.1	16
51	Airway smooth muscle adapting in dynamic conditions is refractory to the bronchodilator effect of a deep inspiration. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L452-L458	5.8	2
50	Transesophageal echocardiography complications associated with interventional cardiology procedures. <i>American Heart Journal</i> , 2020 , 221, 19-28	4.9	16
49	Usefulness of Left Ventricular Assist Device in the Recovery of Severe Amphetamine-Associated Dilated Cardiomyopathy. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 317.e5-317.e7	3.8	0
48	Structural Deterioration of Transcatheter Versus Surgical Aortic Valve Bioprostheses in the PARTNER-2 Trial. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 1830-1843	15.1	40

47	Short-Term Oral Anticoagulation Versus Antiplatelet Therapy Following Transcatheter Left Atrial Appendage Closure. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e009039	6	11
46	Sex-Related Differences in the Extent of Myocardial Fibrosis in Patients With Aortic Valve Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 699-711	8.4	26
45	Echocardiographic Results of Transcatheter Versus Surgical Aortic Valve Replacement in Low-Risk Patients: The PARTNER 3 Trial. <i>Circulation</i> , 2020 , 141, 1527-1537	16.7	43
44	Early Experience With Transcatheter Mitral Valve Replacement: A Systematic Review. <i>Journal of the American Heart Association</i> , 2019 , 8, e013332	6	49
43	Shortening of airway smooth muscle is modulated by prolonging the time without simulated deep inspirations in ovine tracheal strips. <i>Journal of Applied Physiology</i> , 2019 , 127, 1528-1538	3.7	2
42	Clinical and echocardiographic presentation of postmyocardial infarction papillary muscle rupture. <i>Echocardiography</i> , 2019 , 36, 1322-1329	1.5	2
41	Testosterone deficiency reduces cardiac hypertrophy in a rat model of severe volume overload. <i>Physiological Reports</i> , 2019 , 7, e14088	2.6	6
40	Significant mitral regurgitation in patients undergoing TAVR: Mechanisms and imaging variables associated with improvement. <i>Echocardiography</i> , 2019 , 36, 722-731	1.5	9
39	Staging Cardiac Damage in Patients With Asymptomatic Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 550-563	15.1	61
38	Effects of the loss of estrogen on the heart's hypertrophic response to chronic left ventricle volume overload in rats. <i>PeerJ</i> , 2019 , 7, e7924	3.1	4
37	Relationship of soluble ST2 to pulmonary hypertension severity in patients undergoing cardiac resynchronization therapy. <i>Journal of Thoracic Disease</i> , 2019 , 11, 5362-5371	2.6	4
36	Increasing Pulmonary Arterial Pressure at Low Level of Exercise in Asymptomatic, Organic Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 700-701	15.1	1
35	Adverse impact of diabetes mellitus on left ventricular remodelling in patients with chronic primary mitral regurgitation. <i>Archives of Cardiovascular Diseases</i> , 2018 , 111, 487-496	2.7	4
34	Infective endocarditis following transcatheter edge-to-edge mitral valve repair: A systematic review. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 92, 583-591	2.7	14
33	Impact of left ventricular remodelling patterns on outcomes in patients with aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 1378-1387	4.1	34
32	Current Management of Patients with Severe Aortic Regurgitation. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2017 , 19, 9	2.1	5
31	Changes in Coagulation and Platelet Activation Markers Following Transcatheter Left Atrial Appendage Closure. <i>American Journal of Cardiology</i> , 2017 , 120, 87-91	3	13
30	Forward Left Ventricular Ejection Fraction: A Simple Risk Marker in Patients With Primary Mitral Regurgitation. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	8

29	Association of Paravalvular Regurgitation With 1-Year Outcomes After Transcatheter Aortic Valve Replacement With the SAPIEN 3 Valve. <i>JAMA Cardiology</i> , 2017 , 2, 1208-1216	16.2	89
28	Multi-Modality Imaging in the Evaluation and Treatment of Mitral Regurgitation. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2017 , 19, 91	2.1	4
27	Mitral Leaflet Changes Following Myocardial Infarction: Clinical Evidence for Maladaptive Valvular Remodeling. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	24
26	Left atrial appendage closure: Initial experience with the ultraseal device. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 90, 817-823	2.7	15
25	Effect of Losartan on Mitral Valve Changes After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 1232-1244	15.1	55
24	Early Activation of Growth Pathways in Mitral Leaflets Exposed to Aortic Regurgitation: New Insights from an Animal Model. <i>Journal of Heart Valve Disease</i> , 2017 , 26, 281-289		1
23	Myocardial Infarction Alters Adaptation of the Tethered Mitral Valve. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 275-87	15.1	55
22	Natural IgM Blockade Limits Infarct Expansion and Left Ventricular Dysfunction in a Swine Myocardial Infarct Model. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9, e002547	6	3
21	Run With the Hare and Hunt With the Hounds: Watchman Device Surgical Resection in the Setting of Recurrent Device Related Thrombi in a Patient With Bleeding Diathesis. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, e223-e225	5	5
20	Echocardiographic predictors of outcomes in adults with aortic stenosis. <i>Heart</i> , 2016 , 102, 934-42	5.1	43
19	Novel Heart Failure Biomarkers Predict Improvement of Mitral Regurgitation in Patients Receiving Cardiac Resynchronization Therapy-The BIOCRT Study. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 1478-1484	2.8	10
18	CD45 Expression in Mitral Valve Endothelial Cells After Myocardial Infarction. <i>Circulation Research</i> , 2016 , 119, 1215-1225	15.7	43
17	Translation of Animal Models into Clinical Practice 2015 , 93-102		1
16	Mitral valve disease--morphology and mechanisms. <i>Nature Reviews Cardiology</i> , 2015 , 12, 689-710	14.8	172
15	Myocardial scar imaging by standard single-energy and dual-energy late enhancement CT: Comparison with pathology and electroanatomic map in an experimental chronic infarct porcine model. <i>Journal of Cardiovascular Computed Tomography</i> , 2015 , 9, 313-20	2.8	15
14	Leaflet area as a determinant of tricuspid regurgitation severity in patients with pulmonary hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8,	3.9	30
13	Basic mechanisms of mitral regurgitation. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 971-81	3.8	40
12	Significant mitral regurgitation left untreated at the time of aortic valve replacement: a comprehensive review of a frequent entity in the transcatheter aortic valve replacement era. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2643-58	15.1	112

11	Feasibility of aortic valve assessment with low dose prospectively triggered adaptive systolic (PTAS) cardiac computed tomography angiography. <i>BMC Research Notes</i> , 2013 , 6, 158	2.3	9
10	Assessment of image quality and radiation dose of prospectively ECG-triggered adaptive dual-source coronary computed tomography angiography (cCTA) with arrhythmia rejection algorithm in systole versus diastole: a retrospective cohort study. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 28, 1211-7	2.5	26
9	Mitral valve enlargement in chronic aortic regurgitation as a compensatory mechanism to prevent functional mitral regurgitation in the dilated left ventricle. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1809-16	15.1	55
8	Assessment of mitral valve adaptation with gated cardiac computed tomography: validation with three-dimensional echocardiography and mechanistic insight to functional mitral regurgitation. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 784-9	3.9	48
7	Late repair of ischemic mitral regurgitation does not prevent left ventricular remodeling: importance of timing for beneficial repair. <i>Circulation</i> , 2013 , 128, S248-52	16.7	31
6	Severe ischemic mitral regurgitation despite normally contracting subpapillary myocardium. <i>Circulation</i> , 2012 , 126, 138-41	16.7	4
5	Impact of thrombus aspiration on angiographic and clinical outcomes in patients with ST-elevation myocardial infarction. <i>Cardiovascular Revascularization Medicine</i> , 2010 , 11, 218-22	1.6	5
4	Gene profiling of left ventricle eccentric hypertrophy in aortic regurgitation in rats: rationale for targeting the beta-adrenergic and renin-angiotensin systems. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H669-77	5.2	28
3	Comparative study of vasodilators in an animal model of chronic volume overload caused by severe aortic regurgitation. <i>Circulation: Heart Failure</i> , 2009 , 2, 25-32	7.6	20
2	A patient with a juxtaglomerular cell tumor with histological vascular invasion. <i>Nature Clinical Practice Nephrology</i> , 2008 , 4, 458-62		18
1	Watchman 2.5TM versus Watchman FLXTM device in atypical left atrial anatomies: old fashion never dies. <i>Acta Cardiologica</i> , 1-5	0.9	