

Steven Anton Jozef Chamuleau

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132
papers

3,965
citations

34
h-index

60
g-index

140
ext. papers

4,634
ext. citations

5.1
avg, IF

4.88
L-index

#	Paper	IF	Citations
132	Physiological basis and long-term clinical outcome of discordance between fractional flow reserve and coronary flow velocity reserve in coronary stenoses of intermediate severity. <i>Circulation: Cardiovascular Interventions</i> , 2014 , 7, 301-11	6	260
131	A fast pH-switchable and self-healing supramolecular hydrogel carrier for guided, local catheter injection in the infarcted myocardium. <i>Advanced Healthcare Materials</i> , 2014 , 3, 70-8	10.1	220
130	Role of variability in microvascular resistance on fractional flow reserve and coronary blood flow velocity reserve in intermediate coronary lesions. <i>Circulation</i> , 2001 , 103, 184-7	16.7	211
129	Adipose-derived regenerative cells in patients with ischemic cardiomyopathy: The PRECISE Trial. <i>American Heart Journal</i> , 2014 , 168, 88-95.e2	4.9	198
128	Human relevance of pre-clinical studies in stem cell therapy: systematic review and meta-analysis of large animal models of ischaemic heart disease. <i>Cardiovascular Research</i> , 2011 , 91, 649-58	9.9	172
127	Hyperemic stenosis resistance index for evaluation of functional coronary lesion severity. <i>Circulation</i> , 2002 , 106, 441-6	16.7	144
126	Exosomes from Cardiomyocyte Progenitor Cells and Mesenchymal Stem Cells Stimulate Angiogenesis Via EMMPRIN. <i>Advanced Healthcare Materials</i> , 2016 , 5, 2555-2565	10.1	123
125	Cardiac Stem Cell Treatment in Myocardial Infarction: A Systematic Review and Meta-Analysis of Preclinical Studies. <i>Circulation Research</i> , 2016 , 118, 1223-32	15.7	112
124	Fractional flow reserve, absolute and relative coronary blood flow velocity reserve in relation to the results of technetium-99m sestamibi single-photon emission computed tomography in patients with two-vessel coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 1316-22	15.1	98
123	Usefulness of fractional flow reserve for risk stratification of patients with multivessel coronary artery disease and an intermediate stenosis. <i>American Journal of Cardiology</i> , 2002 , 89, 377-80	3	97
122	Global position paper on cardiovascular regenerative medicine. <i>European Heart Journal</i> , 2017 , 38, 2532-2546	9.9	90
121	Association between coronary lesion severity and distal microvascular resistance in patients with coronary artery disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H2194-200	5.2	90
120	Standardized mean differences cause funnel plot distortion in publication bias assessments. <i>ELife</i> , 2017 , 6,	8.9	83
119	Sustained delivery of insulin-like growth factor-1/hepatocyte growth factor stimulates endogenous cardiac repair in the chronic infarcted pig heart. <i>Journal of Cardiovascular Translational Research</i> , 2014 , 7, 232-41	3.3	80
118	Impact of hyperaemic microvascular resistance on fractional flow reserve measurements in patients with stable coronary artery disease: insights from combined stenosis and microvascular resistance assessment. <i>Heart</i> , 2014 , 100, 951-9	5.1	78
117	Similar effect of autologous and allogeneic cell therapy for ischemic heart disease: systematic review and meta-analysis of large animal studies. <i>Circulation Research</i> , 2015 , 116, 80-6	15.7	76
116	Diagnostic accuracy of combined intracoronary pressure and flow velocity information during baseline conditions: adenosine-free assessment of functional coronary lesion severity. <i>Circulation: Cardiovascular Interventions</i> , 2012 , 5, 508-14	6	75

115	The prognostic value of combined intracoronary pressure and blood flow velocity measurements after deferral of percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2008 , 71, 291-7	2.7	72
114	Prognostic value of coronary blood flow velocity and myocardial perfusion in intermediate coronary narrowings and multivessel disease. <i>Journal of the American College of Cardiology</i> , 2002 , 39, 852-8	15.1	72
113	Influence of hemodynamic conditions on fractional flow reserve: parametric analysis of underlying model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H1462-70	5.2	67
112	Necrostatin-1 alleviates reperfusion injury following acute myocardial infarction in pigs. <i>European Journal of Clinical Investigation</i> , 2015 , 45, 150-9	4.6	58
111	Concise review: heart regeneration and the role of cardiac stem cells. <i>Stem Cells Translational Medicine</i> , 2013 , 2, 434-43	6.9	58
110	Cardiac computed tomography angiography results in diagnostic and therapeutic change in prosthetic heart valve endocarditis. <i>International Journal of Cardiovascular Imaging</i> , 2014 , 30, 377-87	2.5	56
109	Head-to-head comparison of basal stenosis resistance index, instantaneous wave-free ratio, and fractional flow reserve: diagnostic accuracy for stenosis-specific myocardial ischaemia. <i>EuroIntervention</i> , 2015 , 11, 914-25	3.1	52
108	Cell therapy for ischaemic heart disease: focus on the role of resident cardiac stem cells. <i>Netherlands Heart Journal</i> , 2009 , 17, 199-207	2.2	50
107	Are novel non-invasive imaging techniques needed in patients with suspected prosthetic heart valve endocarditis? A systematic review and meta-analysis. <i>European Radiology</i> , 2015 , 25, 2125-33	8	49
106	Circulating Extracellular Vesicles Contain miRNAs and are Released as Early Biomarkers for Cardiac Injury. <i>Journal of Cardiovascular Translational Research</i> , 2016 , 9, 291-301	3.3	48
105	Plaque inflammation in restenotic coronary lesions of patients with stable or unstable angina. <i>Journal of the American College of Cardiology</i> , 2000 , 35, 963-7	15.1	45
104	Differentiation of thrombus from pannus as the cause of acquired mechanical prosthetic heart valve obstruction by non-invasive imaging: a review of the literature. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 119-29	4.1	44
103	Impaired Coronary Autoregulation Is Associated With Long-term Fatal Events in Patients With Stable Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2013 , 6, 329-35	6	44
102	Transendocardial cell injection is not superior to intracoronary infusion in a porcine model of ischaemic cardiomyopathy: a study on delivery efficiency. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 2768-76	5.6	42
101	Intramyocardial stem cell injection: go(ne) with the flow. <i>European Heart Journal</i> , 2017 , 38, 184-186	9.5	40
100	CT angiography and 18 F-FDG-PET fusion imaging for prosthetic heart valve endocarditis. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 1008-13	8.4	37
99	Translational Research in Cardiovascular Repair: A Call for a Paradigm Shift. <i>Circulation Research</i> , 2018 , 122, 310-318	15.7	36
98	The impact of peripheral and coronary artery disease on health-related quality of life. <i>Annals of Vascular Surgery</i> , 2002 , 16, 495-500	1.7	34

97	Gelatin Microspheres as Vehicle for Cardiac Progenitor Cells Delivery to the Myocardium. <i>Advanced Healthcare Materials</i> , 2016 , 5, 1071-9	10.1	32
96	All preclinical trials should be registered in advance in an online registry. <i>European Journal of Clinical Investigation</i> , 2014 , 44, 891-2	4.6	29
95	Endogenous contrast MRI of cardiac fibrosis: beyond late gadolinium enhancement. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 1181-9	5.6	24
94	Association between complex coronary artery stenosis and unstable angina and the extent of plaque inflammation. <i>American Journal of Medicine</i> , 2003 , 114, 521-7	2.4	24
93	MRI Visualization of Injectable Ureidopyrimidinone Hydrogelators by Supramolecular Contrast Agent Labeling. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701139	10.1	23
92	High resolution systematic digital histological quantification of cardiac fibrosis and adipose tissue in phospholamban p.Arg14del mutation associated cardiomyopathy. <i>PLoS ONE</i> , 2014 , 9, e94820	3.7	23
91	Myocardial infarction and functional outcome assessment in pigs. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	22
90	Cell therapy, a novel remedy for dilated cardiomyopathy? A systematic review. <i>Journal of Cardiac Failure</i> , 2013 , 19, 494-502	3.3	22
89	Recurrent unstable angina after directional coronary atherectomy is related to the extent of initial coronary plaque inflammation. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 1271-6	15.1	22
88	Rationale and design of the European multicentre study on Stem Cell therapy in IschEmic Non-treatable Cardiac disease (SCIENCE). <i>European Journal of Heart Failure</i> , 2019 , 21, 1032-1041	12.3	21
87	Translational failure of anti-inflammatory compounds for myocardial infarction: a meta-analysis of large animal models. <i>Cardiovascular Research</i> , 2016 , 109, 240-8	9.9	21
86	Noninvasive arterial blood pressure waveforms in patients with continuous-flow left ventricular assist devices. <i>ASAIO Journal</i> , 2014 , 60, 154-61	3.6	21
85	Role of fractional and coronary flow reserve in clinical decision making in intermediate coronary lesions. <i>Interventional Cardiology</i> , 2009 , 1, 237-255	3	21
84	Early mitral valve repair versus watchful waiting in patients with severe asymptomatic organic mitral regurgitation; rationale and design of the Dutch AMR trial, a multicenter, randomised trial. <i>Netherlands Heart Journal</i> , 2012 , 20, 94-101	2.2	20
83	Endogenous assessment of chronic myocardial infarction with T1 ρ -mapping in patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014 , 16, 104	6.9	19
82	Cyclosporin in cell therapy for cardiac regeneration. <i>Journal of Cardiovascular Translational Research</i> , 2014 , 7, 475-82	3.3	17
81	Effect of simultaneous intracoronary guidewires on the predictive accuracy of functional parameters of coronary lesion severity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H2349-55	5.2	17
80	Intracoronary pressure and flow velocity for hemodynamic evaluation of coronary stenoses. <i>Expert Review of Cardiovascular Therapy</i> , 2003 , 1, 471-9	2.5	17

79	Autologous Mesenchymal Stem Cells Show More Benefit on Systolic Function Compared to Bone Marrow Mononuclear Cells in a Porcine Model of Chronic Myocardial Infarction. <i>Journal of Cardiovascular Translational Research</i> , 2015 , 8, 393-403	3.3	16
78	The additional value of three-dimensional transesophageal echocardiography in complex aortic prosthetic heart valve endocarditis. <i>Echocardiography</i> , 2015 , 32, 114-25	1.5	15
77	Assessment of coronary microvascular resistance in the chronic infarcted pig heart. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 1128-35	5.6	15
76	Non-surgical stem cell delivery strategies and in vivo cell tracking to injured myocardium. <i>International Journal of Cardiovascular Imaging</i> , 2011 , 27, 367-83	2.5	15
75	Conceptual model for early health technology assessment of current and novel heart valve interventions. <i>Open Heart</i> , 2016 , 3, e000500	3	15
74	Retrograde Coronary Venous Infusion as a Delivery Strategy in Regenerative Cardiac Therapy: an Overview of Preclinical and Clinical Data. <i>Journal of Cardiovascular Translational Research</i> , 2018 , 11, 173-181	3.3	14
73	Carcinoid heart disease: a guide for screening and timing of surgical intervention. <i>Netherlands Heart Journal</i> , 2017 , 25, 471-478	2.2	14
72	Xenotransplantation of Human Cardiomyocyte Progenitor Cells Does Not Improve Cardiac Function in a Porcine Model of Chronic Ischemic Heart Failure. Results from a Randomized, Blinded, Placebo Controlled Trial. <i>PLoS ONE</i> , 2015 , 10, e0143953	3.7	14
71	Advanced measurement techniques of regional myocardial function to assess the effects of cardiac regenerative therapy in different models of ischaemic cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2012 , 13, 808-18	4.1	13
70	Publication rate in preclinical research: a plea for preregistration.. <i>BMJ Open Science</i> , 2020 , 4, e100051	4.6	13
69	Endogenous assessment of diffuse myocardial fibrosis in patients with T -mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 45, 132-138	5.6	12
68	Coronary artery assessment by multidetector computed tomography in patients with prosthetic heart valves. <i>European Radiology</i> , 2012 , 22, 1278-86	8	12
67	Anticoagulant bridging in left-sided mechanical heart valve patients. <i>International Journal of Cardiology</i> , 2017 , 232, 121-126	3.2	11
66	An Injectable and Drug-loaded Supramolecular Hydrogel for Local Catheter Injection into the Pig Heart. <i>Journal of Visualized Experiments</i> , 2015 , e52450	1.6	11
65	Stem cells from in- or outside of the heart: isolation, characterization, and potential for myocardial tissue regeneration. <i>Pediatric Cardiology</i> , 2009 , 30, 699-709	2.1	11
64	Increased hyperaemic coronary microvascular resistance adds to the presence of myocardial ischaemia. <i>EuroIntervention</i> , 2014 , 9, 1423-31	3.1	11
63	Multidetector-row computed tomography for prosthetic heart valve dysfunction: is concomitant non-invasive coronary angiography possible before redo-surgery?. <i>European Radiology</i> , 2015 , 25, 1623-30	8	9
62	Positron emission tomography/computed tomography for diagnosis of prosthetic valve endocarditis: increased valvular 18F-fluorodeoxyglucose uptake as a novel major criterion. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 186-7	15.1	9

61	Multidetector-row computed tomography allows accurate measurement of mechanical prosthetic heart valve leaflet closing angles compared with fluoroscopy. <i>Journal of Computer Assisted Tomography</i> , 2014 , 38, 451-6	2.2	9
60	Admittance-based pressure-volume loops versus gold standard cardiac magnetic resonance imaging in a porcine model of myocardial infarction. <i>Physiological Reports</i> , 2014 , 2, e00287	2.6	9
59	Single Breath-Hold T1 Mapping of the Heart for Endogenous Assessment of Myocardial Fibrosis. <i>Investigative Radiology</i> , 2016 , 51, 505-12	10.1	9
58	Responder Definition in Clinical Stem Cell Trials in Cardiology: Will the Real Responder Please Stand Up?. <i>Circulation Research</i> , 2016 , 119, 514-8	15.7	8
57	The role of exercise echocardiography in the management of mitral valve disease. <i>Netherlands Heart Journal</i> , 2013 , 21, 487	2.2	8
56	A systematic comparison of cardiovascular magnetic resonance and high resolution histological fibrosis quantification in a chronic porcine infarct model. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 1797-1807	2.5	8
55	Advanced Strategies for End-Stage Heart Failure: Combining Regenerative Approaches with LVAD, a New Horizon?. <i>Frontiers in Surgery</i> , 2015 , 2, 10	2.3	8
54	Follistatin-like 1 in Cardiovascular Disease and Inflammation. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019 , 19, 1379-1389	3.2	8
53	Local Ultrasound-Facilitated Thrombolysis in High-Risk Pulmonary Embolism: First Dutch Experience. <i>CardioVascular and Interventional Radiology</i> , 2019 , 42, 962-969	2.7	7
52	Imaging of prosthetic heart valve dysfunction: complementary diagnostic value of TEE and MDCT?. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 956-61	8.4	7
51	Rheumatic heart disease anno 2020: Impacts of gender and migration on epidemiology and management. <i>European Journal of Clinical Investigation</i> , 2020 , 50, e13374	4.6	7
50	Diagnostic evaluation and treatment strategy in patients with suspected prosthetic heart valve dysfunction: The incremental value of MDCT. <i>Journal of Cardiovascular Computed Tomography</i> , 2016 , 10, 398-406	2.8	7
49	Insights into therapeutic products, preclinical research models, and clinical trials in cardiac regenerative and reparative medicine: where are we now and the way ahead. Current opinion paper of the ESC Working Group on Cardiovascular Regenerative and Reparative Medicine. <i>Cardiovascular Research</i> , 2021 , 117, 1428-1433	9.9	7
48	Baseline MDCT findings after prosthetic heart valve implantation provide important complementary information to echocardiography for follow-up purposes. <i>European Radiology</i> , 2016 , 26, 997-1006	8	6
47	Transthoracic Echocardiography Guided MitraClip Placement Under Conscious Sedation. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, e27-e29	5	6
46	Isolation of Pig Bone Marrow-Derived Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2016 , 1416, 225-32	1.4	6
45	Validation of a novel stand-alone software tool for image guided cardiac catheter therapy. <i>International Journal of Cardiovascular Imaging</i> , 2019 , 35, 225-235	2.5	5
44	Layer-specific radiofrequency ultrasound-based strain analysis in a porcine model of ischemic cardiomyopathy validated by a geometric model. <i>Ultrasound in Medicine and Biology</i> , 2014 , 40, 378-88	3.5	5

43	Impact of clinical and haemodynamic factors on coronary flow reserve and invasive coronary flow capacity in non-obstructed coronary arteries: a patient-level pooled analysis of the DEBATE and ILIAS studies. <i>EuroIntervention</i> , 2021 , 16, e1503-e1510	3.1	5
42	Routine Echocardiography and Artificial Intelligence Solutions. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 648877	5.4	5
41	Enhancing cardiac stem cell differentiation into cardiomyocytes. <i>Cardiovascular Research</i> , 2009 , 82, 385-399	7.9	4
40	Multidetector row computed tomography assessment of the native aortic and mitral valve: a call for routine assessment of left-sided heart valves during coronary computed tomography. <i>Cardiology in Review</i> , 2012 , 20, 222-9	3.2	4
39	Lower retention after retrograde coronary venous infusion compared with intracoronary infusion of mesenchymal stromal cells in the infarcted porcine myocardium.. <i>BMJ Open Science</i> , 2019 , 3, e000006	4.6	4
38	In Vivo Retention Quantification of Supramolecular Hydrogels Engineered for Cardiac Delivery. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001987	10.1	4
37	Identification of the Asymptomatic Patient With Severe Mitral Regurgitation: Discrepancy Between Research and Clinical Practice. <i>Cardiology in Review</i> , 2017 , 25, 110-116	3.2	3
36	Added Value of Interactive 3-D Stereo Vision Echocardiography in the Heart Valve Team: A Post Hoc Analysis for Optimal Decision Making in Patients With Mitral Valve Regurgitation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2020 , 15, 36-42	1.5	3
35	3D Hybrid Imaging for Structural and Congenital Heart Interventions in the Cath Lab. <i>Structural Heart</i> , 2018 , 2, 362-371	0.6	3
34	Lazarus in asystole: a case report of autoresuscitation after prolonged cardiac arrest. <i>European Heart Journal - Case Reports</i> , 2019 , 3,	0.9	3
33	3D Myocardial Scar Prediction Model Derived from Multimodality Analysis of Electromechanical Mapping and Magnetic Resonance Imaging. <i>Journal of Cardiovascular Translational Research</i> , 2019 , 12, 517-527	3.3	3
32	Adequate patient selection for coronary revascularization: an overview of current methods used in daily clinical practice. <i>International Journal of Cardiovascular Imaging</i> , 2002 , 18, 5-15		3
31	Value of C-reactive protein in patients with stable angina pectoris, coronary narrowing (30% to 70%), and normal fractional flow reserve. <i>American Journal of Cardiology</i> , 2003 , 92, 702-5	3	3
30	Animal models and animal-free innovations for cardiovascular research: current status and routes to be explored. Consensus document of the ESC working group on myocardial function and the ESC Working Group on Cellular Biology of the Heart.. <i>Cardiovascular Research</i> , 2022 ,	9.9	3
29	Persistent left superior vena cava draining into the left superior pulmonary vein in a scuba diver: A case report and literature study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019 , 29, 1265-1269	4.6	2
28	Quantification of Mitral Valve Regurgitation from 4D Flow MRI Using Semiautomated Flow Tracking. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200004	8.3	2
27	Research versus clinical practice in asymptomatic patients with severe organic mitral regurgitation and preserved LV function. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 1639-40	15.1	2
26	Placebo in autologous cell-based interventions: hard pill to swallow?. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2877-9	15.1	2

25	An easy-to-use scoring index to determine severity of mitral regurgitation by 2D echocardiography in clinical practice. <i>Echocardiography</i> , 2017 , 34, 1275-1283	1.5	2
24	3D Whole-heart Myocardial Tissue Analysis. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	2
23	Non-invasive measurement of volume-time curves in patients with mitral regurgitation and in healthy volunteers, using a new operator-independent screening tool. <i>Physiological Measurement</i> , 2017 , 38, 241-258	2.9	2
22	Transplantation of Allogeneic PW1/Pax7 Interstitial Cells Enhance Endogenous Repair of Injured Porcine Skeletal Muscle. <i>JACC Basic To Translational Science</i> , 2017 , 2, 717-736	8.7	2
21	Drug Delivery: A Fast pH-Switchable and Self-Healing Supramolecular Hydrogel Carrier for Guided, Local Catheter Injection in the Infarcted Myocardium (Adv. Healthcare Mater. 1/2014). <i>Advanced Healthcare Materials</i> , 2014 , 3, 69-69	10.1	2
20	Activated partial thromboplastin time (aPTT) monitoring to achieve therapeutic anticoagulation before and after introducing a nomogram for adjunctive heparin treatment with thrombolytic therapy for acute myocardial infarction. <i>International Journal of Cardiology</i> , 1998 , 67, 241-6	3.2	2
19	Reference Values for Physical Stress Echocardiography in Asymptomatic Patients after Mitral Valve Repair. <i>Frontiers in Surgery</i> , 2018 , 5, 6	2.3	1
18	Deformation imaging to assess global and regional effects of cardiac regenerative therapy in ischaemic heart disease: A systematic review. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019 , 13, 1872-1882	4.4	1
17	An analogue laser optical disc in comparison with cinefilm for visual analysis of coronary narrowings before and after coronary angioplasty. <i>International Journal of Cardiovascular Imaging</i> , 1998 , 14, 19-26		1
16	Combined meta-analysis of preclinical cell therapy studies shows overlapping effect modifiers for multiple diseases.. <i>BMJ Open Science</i> , 2021 , 5, e100061	4.6	1
15	Longitudinal echocardiographic and clinical follow-up of patients undergoing mitral valve surgery without concomitant tricuspid valve repair. <i>Netherlands Heart Journal</i> , 2018 , 26, 552-561	2.2	1
14	A 3-year evaluation of preclinical trials.eu reveals room for improvement in preregistration of animal studies. <i>PLoS Biology</i> , 2021 , 19, e3001397	9.7	1
13	Follistatin-like 1 promotes proliferation of matured human hypoxic iPSC-cardiomyocytes and is secreted by cardiac fibroblasts.. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022 , 25, 3-16	6.4	1
12	Clinical Relevance of Ischemia with Nonobstructive Coronary Arteries According to Coronary Microvascular Dysfunction.. <i>Journal of the American Heart Association</i> , 2022 , e025171	6	1
11	Evaluation of mitral regurgitation by an integrated 2D echocardiographic approach in patients undergoing transcatheter aortic valve replacement. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 1193-1204	2.5	0
10	MISSION: IMPOSSIBLE; The First Randomized Trial in Asymptomatic Patients with Severe Organic Mitral Valve Regurgitation. <i>Structural Heart</i> , 2018 , 2, 382-385	0.6	0
9	Current State and Future Perspectives of Artificial Intelligence for Automated Coronary Angiography Imaging Analysis in Patients with Ischemic Heart Disease.. <i>Current Cardiology Reports</i> , 2022 , 24, 365	4.2	0
8	Differential Prognostic Value of Revascularization for Coronary Stenosis With Intermediate FFR by Coronary Flow Reserve.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 1033-1043	5	0

7	Combined Assessment of FFR and CFR for Decision Making in Coronary Revascularization: From the Multicenter International ILIAS Registry.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 1047-1056	5	0
6	Reply to letter to the Editor "Bridging anticoagulation in patients with mechanical heart valves". <i>International Journal of Cardiology</i> , 2017 , 236, 399	3.2	
5	Fractional flow reserve: can it predict adverse events accurately after coronary stenting?. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2005 , 2, 282-3		
4	Marfan syndrome resulting from a rare pathogenic FBN1 variant, ascertained through a proband with IgG4-related arteriopathy. <i>American Journal of Medical Genetics, Part A</i> , 2021 , 185, 2180-2189	2.5	
3	MRI-guided pulmonary vein isolation for atrial fibrillation: what is good enough? An early health technology assessment. <i>Open Heart</i> , 2019 , 6, e001014	3	
2	Preregistration of animal research protocols: development and 3-year overview of preclinicaltrials.eu.. <i>BMJ Open Science</i> , 2022 , 6, e100259	4.6	
1	Histopathological evaluation of chronic rheumatic mitral valve stenosis: the association with clinical presentation, pathogenesis and management at a National Cardiac Institute, Tanzania.. <i>Cardiovascular Pathology</i> , 2022 , 107434	3.8	