Verena Veulemans

List of Publications by Year
in descending order

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87	1,146	516710 16	414414 32
papers	citations	h-index	g-index

93	93	93	1713
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predictors of Left Ventricular Outflow Tract Obstruction After Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Interventions, 2019, 12, 182-193.	2.9	186
2	Long-term outcomes after transcatheter aortic valve implantation in failed bioprosthetic valves. European Heart Journal, 2020, 41, 2731-2742.	2.2	97
3	Transcatheter Mitral Valve Replacement After Surgical Repair or Replacement. Circulation, 2021, 143, 104-116.	1.6	94
4	Warfarin Induces Cardiovascular Damage in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2618-2624.	2.4	90
5	The Latest Evolution of the MedtronicÂCoreValve System in the Era of Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2018, 11, 2314-2322.	2.9	60
6	Transcatheter Aortic Valve ReplacementÂWith Next-Generation Self-Expanding Devices. JACC: Cardiovascular Interventions, 2019, 12, 433-443.	2.9	59
7	High-Dose Menaquinone-7 Supplementation Reduces Cardiovascular Calcification in a Murine Model of Extraosseous Calcification. Nutrients, 2015, 7, 6991-7011.	4.1	50
8	Left Atrial Appendage Closure Guided by Integrated Echocardiography and Fluoroscopy Imaging Reduces Radiation Exposure. PLoS ONE, 2015, 10, e0140386.	2.5	46
9	Navigating the â€œOptimal Implantation Depthâ€•With a Self-Expandable TAVR DeviceÂinÂDaily Clinical Practice. JACC: Cardiovascular Interventions, 2020, 13, 679-688.	2.9	44
10	Deep sedation Vs. general anesthesia in 232 patients undergoing percutaneous mitral valve repair using the MitraClip^{Â®} system. Catheterization and Cardiovascular Interventions, 2017, 90, 1212-1219.	1.7	29
11	Virtual reality-assisted conscious sedation during transcatheter aortic valve implantation: a randomised pilot study. EuroIntervention, 2020, 16, e1014-e1020.	3.2	25
12	Temporal trends of TAVI treatment characteristics in high volume centers in Germany 2013â€“2020. Clinical Research in Cardiology, 2022, 111, 881-888.	3.3	23
13	Current and future aspects of multimodal and fusion imaging in structural and coronary heart disease. Clinical Research in Cardiology, 2018, 107, 49-54.	3.3	22
14	Dynamic coronary roadmapping during percutaneous coronary intervention: a feasibility study. European Journal of Medical Research, 2018, 23, 36.	2.2	22
15	Age-Related 2-Year Mortality After Transcatheter Aortic Valve Replacement: the YOUNG TAVR Registry. Mayo Clinic Proceedings, 2019, 94, 1457-1466.	3.0	19
16	Cardiac magnetic resonance T2 mapping and feature tracking in athleteâ€™s heart and HCM. European Radiology, 2021, 31, 2768-2777.	4.5	18
17	Incidence, Risk Factors and Impact on Long-Term Outcome of Postoperative Delirium After Transcatheter Aortic Valve Replacement. Frontiers in Cardiovascular Medicine, 2021, 8, 645724.	2.4	16
18	Current Generation Balloon-Expandable Transcatheter Valve Positioning Strategies During Aortic Valve-in-Valve Procedures and Clinical Outcomes. JACC: Cardiovascular Interventions, 2019, 12, 1606-1617.	2.9	13

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19	Novel insights on outcome in horizontal aorta with selfâ€expandable newâ€generation transcatheter aortic valve replacement devices. Catheterization and Cardiovascular Interventions, 2020, 96, 1511-1519.	1.7	13
20	Risk modeling in transcatheter aortic valve replacement remains unsolved: an external validation study in 2946 German patients. Clinical Research in Cardiology, 2021, 110, 368-376.	3.3	12
21	Horizontal Aorta in Transcatheter Self-Expanding Valves: Insights From the HORSE International Multicentre Registry. Circulation: Cardiovascular Interventions, 2021, 14, e010641.	3.9	12
22	Microparticle-Induced Coagulation Relates to Coronary Artery Atherosclerosis in Severe Aortic Valve Stenosis. PLoS ONE, 2016, 11, e0151499.	2.5	12
23	Left Atrial and Left Ventricular Function and Remodeling Following Percutaneous Mitral Valve Repair. Journal of Heart Valve Disease, 2016, 25, 309-319.	0.5	11
24	Elucidation of the genetic causes of bicuspid aortic valve disease. Cardiovascular Research, 2023, 119, 857-866.	3.8	11
25	Aortic valve calcification is subject to aortic stenosis severity and the underlying flow pattern. Heart and Vessels, 2021, 36, 242-251.	1.2	10
26	Vascular Type of Ehlers-Danlos Syndrome: A Case Report of an Aortic Dissection During Pregnancy. American Journal of Case Reports, 2019, 20, 233-237.	0.8	9
27	Micro-dislodgement during transcatheter aortic valve implantation with a contemporary self-expandable prosthesis. PLoS ONE, 2019, 14, e0224815.	2.5	8
28	Cost-comparison of third generation transcatheter aortic valve implantation (TAVI) devices in the German Health Care System. International Journal of Cardiology, 2019, 278, 40-45.	1.7	8
29	Computed tomography derived predictors of permanent pacemaker implantation after transcatheter aortic valve replacement: A metaâ€analysis. Catheterization and Cardiovascular Interventions, 2021, 98, E897-E907.	1.7	8
30	Enhanced Platelet Reactivity under Aspirin Medication and Major Adverse Cardiac and Cerebrovascular Events in Patients with Coronary Artery Disease. Pharmacology, 2020, 105, 118-122.	2.2	7
31	Percutaneous Mitral Valve Repair in Mitral Regurgitation Reduces Cell-Free Hemoglobin and Improves Endothelial Function. PLoS ONE, 2016, 11, e0151203.	2.5	7
32	Safety of transoesophageal echocardiography during structural heart disease interventions under procedural sedation: a single-centre study. European Heart Journal Cardiovascular Imaging, 2022, 24, 68-77.	1.2	7
33	Contemporary use of balloon aortic valvuloplasty and evaluation of its success in different hemodynamic entities of severe aortic valve stenosis. Catheterization and Cardiovascular Interventions, 2021, 97, E121-E129.	1.7	6
34	New insights on potential permanent pacemaker predictors in TAVR using the largest self-expandable device. Cardiovascular Diagnosis and Therapy, 2020, 10, 1816-1826.	1.7	6
35	Stent fractures after common femoral artery bail-out stenting due to suture device failure in TAVR. Vasa - European Journal of Vascular Medicine, 2018, 47, 393-401.	1.4	5
36	Dynamic Coronary Roadmap in Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2021, 14, 2523-2525.	2.9	5

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37	Fusion Imaging During the Interventional Closure of Patent Foramen Ovale and Atrial Septal Defects. JACC: Cardiovascular Imaging, 2018, 11, 1543-1545.	5.3	4
38	Real-Time Echocardiographic-Fluoroscopic Fusion Imaging for Transcatheter Edge-to-Edge Mitral Valve Repair. Journal of the American Society of Echocardiography, 2020, 33, 635-636.	2.8	4
39	Aortic angle distribution and predictors of horizontal aorta in patients undergoing transcatheter aortic valve replacement. International Journal of Cardiology, 2021, 338, 58-62.	1.7	4
40	Comparison of Manual and Automated Preprocedural Segmentation Tools to Predict the Annulus Plane Angulation and C-Arm Positioning for Transcatheter Aortic Valve Replacement. PLoS ONE, 2016, 11, e0151918.	2.5	4
41	Haemodynamic differences between two generations of a balloon-expandable transcatheter heart valve. Heart, 2022, 108, 1479-1485.	2.9	4
42	Valvuloplasty balloon entrapment in a selfâ€expanding aortic valve stent frame after inadvertent wire passage through the outflow struts. Catheterization and Cardiovascular Interventions, 2019, 93, 174-177.	1.7	3
43	TAVR-related echocardiographic assessment â€“ status quo, challenges and perspectives. Acta Cardiologica, 2020, 75, 275-285.	0.9	3
44	Transcaval aortic valve implantation through a partially thrombosed infrarenal aortic aneurysm. European Heart Journal, 2020, 41, 974-974.	2.2	3
45	Performance of the CoreValve Evolut R and PRO in Severely Calcified Anatomy: AÂPropensity Score Matched Analysis. Heart Lung and Circulation, 2020, 29, 1847-1855.	0.4	3
46	Risk of mortality following transcatheter aortic valve replacement for low-flow low-gradient aortic stenosis. Clinical Research in Cardiology, 2021, 110, 391-398.	3.3	3
47	Real-time echocardiography-fluoroscopy fusion imaging for left atrial appendage closure: prime time for fusion imaging?. Acta Cardiologica, 2021, 76, 1004-1012.	0.9	3
48	Predictors of calcification distribution in severe tricuspid aortic valve stenosis. International Journal of Cardiovascular Imaging, 2021, 37, 2791-2799.	1.5	3
49	Factors associated with a high or low implantation of self-expanding devices in TAVR. Clinical Research in Cardiology, 2021, 110, 1930-1938.	3.3	3
50	Secondary right heart failure due to haemodynamically relevant iatrogenic atrial septal defect: does the sequence of structural interventions sometimes matter? A case report. European Heart Journal - Case Reports, 2018, 2, yty119.	0.6	2
51	Oral Anticoagulation Therapy and Progression of Calcific Aortic Valve Stenosis: Factor Xa versus Factor IIa Inhibition?. Pharmacology, 2019, 104, 212-214.	2.2	2
52	Patients with severe aortic stenosis and coexisting pulmonary hypertension treated by transapical transcatheter aortic valve replacementâ€"Is there a need for increased attention?. Catheterization and Cardiovascular Interventions, 2020, 95, 1001-1008.	1.7	2
53	Impact of Combined â€œCHADS-BLEDâ€•Score to Predict Short-Term Outcomes in Transfemoral and Transapical Aortic Valve Replacement. Journal of Interventional Cardiology, 2020, 2020, 1-9.	1.2	2
54	A novel mechanism of ACE inhibitionâ€“associated enhanced platelet reactivity: disproof of the ARB-MI paradox?. European Journal of Clinical Pharmacology, 2020, 76, 1245-1251.	1.9	2

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55	Left atrial function index (LAFI) and outcome in patients undergoing transcatheter aortic valve replacement. Clinical Research in Cardiology, 2022, 111, 944-954.	3.3	2
56	Incidence and Risk Assessment of Infolding Using Self-Expandable Devices in TAVR. Structural Heart, 2022, 6, 100008.	0.6	2
57	Procedural outcomes of the 34â€¯mm EvolutR Transcatheter valve in a real-world population insights from the HORSE multicenter collaborative registry. International Journal of Cardiology, 2022, , .	1.7	2
58	Bioprosthetic valve dysfunction and failure after TAVI in bicuspid aortic valve stenosis during one-year follow-up according to VARC-3. Clinical Research in Cardiology, 0, , .	3.3	2
59	Prediction of One-Year Mortality Based upon A New Staged Mortality Risk Model in Patients with Aortic Stenosis Undergoing Transcatheter Valve Replacement. Journal of Clinical Medicine, 2019, 8, 1642.	2.4	1
60	The REAC-TAVI Trial. JACC: Cardiovascular Interventions, 2019, 12, 802-803.	2.9	1
61	HALT in TAVR: WhatÂAbout Aspirin?. JACC: Cardiovascular Interventions, 2019, 12, 894.	2.9	1
62	More than numbers: preprocedural multislice computed tomography analysis in a patient undergoing transcatheter aortic valve implantation. BMJ Case Reports, 2019, 12, e229847.	0.5	1
63	Patient-Specific Computer Simulation in TAVR. JACC: Cardiovascular Interventions, 2020, 13, 2580-2581.	2.9	1
64	Current and Future Aspects of Multimodal Imaging, Diagnostic, and Treatment Strategies in Bicuspid Aortic Valve and Associated Aortopathies. Journal of Clinical Medicine, 2020, 9, 662.	2.4	1
65	Impact of Transcatheter Aortic Valve Implantation on Thrombin Generation and Platelet Function. Thrombosis and Haemostasis, 2021, 121, 1310-1316.	3.4	1
66	Iatrogenic atrial septal defect persistence after percutaneous mitral valve repair: a meta-analysis. Acta Cardiologica, 2021, , 1-11.	0.9	1
67	Short- and Mid-Term Outcomes in Patients Deemed Inoperable Undergoing Transapical and Transfemoral TAVR with an STS-PROM below Four Percent. Journal of Clinical Medicine, 2021, 10, 2993.	2.4	1
68	Letter: Horizontal aorta in transcatheter aortic valve replacement â€“ several open questions. EuroIntervention, 2020, 16, e779-e780.	3.2	1
69	Transcatheter Aortic Valve Implantation in High-Risk/Inoperable Patients: Repositionable versus Non-Repositionable Self-Expanding Valve. Journal of Heart Valve Disease, 2017, 26, 405-412.	0.5	1
70	The COORDINATE Pilot Study: Impact of a Transcatheter Aortic Valve Coordinator Program on Hospital and Patient Outcomes. Journal of Clinical Medicine, 2022, 11, 1205.	2.4	1
71	Cerebrovascular Events after Transcatheter Aortic Valve Replacement: The Difficulty in Predicting the Unpredictable. Journal of Clinical Medicine, 2022, 11, 3902.	2.4	1
72	First-in-man: successful interventional closure of severe paravalvular leakage after surgical rapid deployment aortic valve replacement. European Heart Journal, 2018, 39, 1655-1655.	2.2	0

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73	CENTERA Valve for Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2019, 12, 1394.	2.9	0
74	Refinement of the Transcaval Access Route in Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2019, 12, 2207-2209.	2.9	0
75	Addressing limitations of partial oral treatment of left-sided infectious endocarditis (POET) criteria for prosthetic valve endocarditis: a note of caution. European Heart Journal, 2019, 40, 3276-3276.	2.2	0
76	Contrary to Expectations: Off-Label Transcatheter Aortic Valve Replacement in the Case of Left Ventricular Outflow Tract Obstruction. Canadian Journal of Cardiology, 2019, 35, 229.e5-229.e6.	1.7	0
77	TCT CONNECT-487 MIDAS Has Only Trivial Impact on PPM Implantation Using the Largest Self-Expandable TAVR-Device. Journal of the American College of Cardiology, 2020, 76, B208-B209.	2.8	0
78	Duplex echocardiography in multivalvular heart disease after percutaneous mitral valve repair?. European Journal of Clinical Investigation, 2020, 50, e13340.	3.4	0
79	Automated Aortic Valve Sizing Based on a Three-Dimensional Heart Model in Real Time for Transcatheter Aortic Valve Replacement: Unsolved Challenges with High Potential for the Future. Journal of the American Society of Echocardiography, 2020, 33, 911-912.	2.8	0
80	Reply. JACC: Cardiovascular Interventions, 2020, 13, 1497-1498.	2.9	0
81	Early restenosis of a direct flow transcatheter aortic valve prosthesis. Catheterization and Cardiovascular Interventions, 2021, 97, E716-E718.	1.7	0
82	Sealing capacity of the ventricular muscle band after iatrogenic left ventricular perforation during transcatheter aortic valve implantation. BMJ Case Reports, 2018, 2018, bcr-2018-225439.	0.5	0
83	Varying Transvenous Pressure Gradients in Different Entities of Aortic Stenosis. Cardiology and Cardiovascular Medicine, 2019, 03, .	0.2	0
84	TCT-365 Dynamic Coronary Roadmap for Percutaneous Coronary Intervention Effectively Reduces Contrast Medium Exposure: Insights From an Open-Label, Randomized Trial. Journal of the American College of Cardiology, 2021, 78, B150.	2.8	0
85	Procedural Outcomes of the 34mm EvolutR Transcatheter Valve in a Real-World Population Insights from the Horse Multicenter Collaborative Registry. SSRN Electronic Journal, 0, , .	0.4	0
86	Bioprosthetic Valve Dysfunction and Failure after TAVI in Bicuspid Aortic Valve Stenosis During One-Year Follow-Up According to VARC-3. SSRN Electronic Journal, 0, , .	0.4	0
87	Structured Allocation of Transcatheter Aortic Valve Replacement Patients during Coronavirus Disease 2019 Pandemic: Impact on Patient Selection and Clinical Results. Journal of Cardiovascular Development and Disease, 2022, 9, 189.	1.6	0