

Rolf Alexander JÄ;nosi

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,022
citations

236925

25
h-index

265206

42
g-index

88
all docs

88
docs citations

88
times ranked

2478
citing authors

#	ARTICLE	IF	CITATIONS
1	Dyssynchrony by speckle-tracking echocardiography and response to cardiac resynchronization therapy: results of the Speckle Tracking and Resynchronization (STAR) study. <i>European Heart Journal</i> , 2010, 31, 1690-1700.	2.2	236
2	Direct Assessment of Size and Shape of Noncircular Vena Contracta Area in Functional Versus Organic Mitral Regurgitation Using Real-Time Three-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 912-921.	2.8	176
3	Aortic remodelling in aortic dissection after frozen elephant trunk. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 111-117.	1.4	112
4	Risk Factors for Thrombus Formation on the Amplatzer Cardiac Plug After Left Atrial Appendage Occlusion. <i>JACC: Cardiovascular Interventions</i> , 2013, 6, 606-613.	2.9	86
5	Thoracic aortic aneurysm expansion due to late distal stent graft-induced new entry. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, E43-53.	1.7	85
6	Biomarkers of aortic diseases. <i>American Heart Journal</i> , 2013, 165, 15-25.	2.7	66
7	How does descending aorta geometry change when it dissects?. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 815-821.	1.4	58
8	Aorto-bronchial and aorto-pulmonary fistulation after thoracic endovascular aortic repair: an analysis from the European Registry of Endovascular Aortic Repair Complications. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 252-257.	1.4	56
9	First clinical experience and 1-year follow-up with the sutureless 3F-Enable aortic valve prosthesis. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 542-547.	1.4	50
10	Silent Cerebral Ischemia After Thoracic Endovascular Aortic Repair: A Neuroimaging Study. <i>Annals of Thoracic Surgery</i> , 2014, 98, 53-58.	1.3	49
11	Accuracy of a diagnostic strategy combining aortic dissection detection risk score and D-dimer levels in patients with suspected acute aortic syndrome. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017, 6, 371-378.	1.0	48
12	Guidance of percutaneous transcatheter aortic valve implantation by real-time three-dimensional transesophageal echocardiography – A single-center experience. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2009, 18, 142-148.	1.2	45
13	Direct Quantification of Mitral Regurgitant Flow Volume by Real-Time Three-Dimensional Echocardiography Using Dealiasing of Color Doppler Flow at the Vena Contracta. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 1337-1346.	2.8	43
14	Measurement of the aortic annulus size by real-time three-dimensional transesophageal echocardiography. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2011, 20, 85-94.	1.2	43
15	Myocardial proteome analysis reveals reduced NOS inhibition and enhanced glycolytic capacity in areas of low local blood flow. <i>FASEB Journal</i> , 2002, 16, 628-630.	0.5	37
16	Preprocedural C-Reactive Protein Predicts Outcomes after Primary Percutaneous Coronary Intervention in Patients with ST-elevation Myocardial Infarction a systematic meta-analysis. <i>Scientific Reports</i> , 2017, 7, 41530.	3.3	37
17	Clinical features and prognostic value of stent-graft-induced post-implantation syndrome after thoracic endovascular aortic repair in patients with type B acute aortic syndromes. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 1239-1247.	1.4	33
18	Thoracic Endovascular Repair of Complicated Penetrating Aortic Ulcer. <i>Journal of Endovascular Therapy</i> , 2016, 23, 150-159.	1.5	32

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19	Long-term experience with the E-vita Open hybrid graft in complex thoracic aortic disease. European Journal of Cardio-thoracic Surgery, 2017, 51, ezw340.	1.4	32
20	Diagnostic role and prognostic implications of D-dimer in different classes of acute aortic syndromes. European Heart Journal: Acute Cardiovascular Care, 2017, 6, 379-388.	1.0	31
21	The impact of entries and exits on false lumen thrombosis and aortic remodelling. European Journal of Cardio-thoracic Surgery, 2017, 52, 508-515.	1.4	31
22	Distal Stent Graft Induced New Entry: Risk Factors in Acute and Chronic Type B Aortic Dissections. European Journal of Vascular and Endovascular Surgery, 2019, 58, 822-830.	1.5	30
23	Low Incidence of Paravalvular Leakage With the Balloon-Expandable Sapien 3 Transcatheter Heart Valve. Annals of Thoracic Surgery, 2015, 100, 819-826.	1.3	27
24	Intravascular ultrasound assisted sizing in thoracic endovascular aortic repair improves aortic remodeling in Type B aortic dissection. PLoS ONE, 2018, 13, e0196180.	2.5	27
25	Colonization With Multiresistant Bacteria: Impact on Ventricular Assist Device Patients. Annals of Thoracic Surgery, 2018, 105, 557-563.	1.3	25
26	Mechanism of Coronary Malperfusion Due to Type-A Aortic Dissection. Herz, 2009, 34, 478-478.	1.1	23
27	Impact of Preoperative Anemia and Postoperative Hemoglobin Drop on the Incidence of Acute Kidney Injury and In-Hospital Mortality in Patients With Type B Acute Aortic Syndromes Undergoing Thoracic Endovascular Aortic Repair. Vascular and Endovascular Surgery, 2017, 51, 131-138.	0.7	21
28	Feasibility and Clinical Relevance of a Mobile Intervention Using TrackPAD to Support Supervised Exercise Therapy in Patients With Peripheral Arterial Disease: Study Protocol for a Randomized Controlled Pilot Trial. JMIR Research Protocols, 2019, 8, e13651.	1.0	21
29	Sutureless aortic valves over the last 45 years. Minimally Invasive Therapy and Allied Technologies, 2009, 18, 122-130.	1.2	18
30	Global longitudinal strain is associated with better outcomes in transcatheter aortic valve replacement. BMC Cardiovascular Disorders, 2020, 20, 267.	1.7	18
31	The Role of Imaging in Percutaneous Mitral Valve Repair. Herz, 2009, 34, 458-467.	1.1	17
32	Recent advances in the diagnosis of acute aortic syndromes. Expert Opinion on Medical Diagnostics, 2012, 6, 529-540.	1.6	17
33	Prognostic value of 18F-fluorodeoxyglucose PET-CT imaging in acute aortic syndromes: comparison with serological biomarkers of inflammation. International Journal of Cardiovascular Imaging, 2015, 31, 1677-1685.	1.5	17
34	Transfemoral transcatheter aortic valve implantation in patients with end-stage renal disease and kidney transplant recipients. Scientific Reports, 2017, 7, 14397.	3.3	17
35	High intimal flap mobility assessed by intravascular ultrasound is associated with better short-term results after TEVAR in chronic aortic dissection. Scientific Reports, 2019, 9, 7267.	3.3	17
36	Supervised Exercise Therapy Using Mobile Health Technology in Patients With Peripheral Arterial Disease: Pilot Randomized Controlled Trial. JMIR MHealth and UHealth, 2021, 9, e24214.	3.7	17

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37	Impact of Liver Indicators on Clinical Outcome in Patients Undergoing Transcatheter Aortic Valve Implantation. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1357-1364.	1.3	16
38	Feasibility and safety of using local anaesthesia with conscious sedation during complex cardiac implantable electronic device procedures. <i>Scientific Reports</i> , 2018, 8, 7103.	3.3	16
39	No protection of heart, kidneys and brain by remote ischemic preconditioning before transfemoral transcatheter aortic valve implantation: Interim-analysis of a randomized single-blinded, placebo-controlled, single-center trial. <i>International Journal of Cardiology</i> , 2017, 231, 248-254.	1.7	15
40	Access site complications following Impella-supported high-risk percutaneous coronary interventions. <i>Scientific Reports</i> , 2019, 9, 17844.	3.3	15
41	Quantitative Analysis of Aortic Valve Stenosis and Aortic Root Dimensions by Three-Dimensional Echocardiography in Patients Scheduled for Transcatheter Aortic Valve Implantation. <i>Current Cardiovascular Imaging Reports</i> , 2014, 7, 9296.	0.6	14
42	True Lumen Stabilization to Overcome Malperfusion in Acute Type I Aortic Dissection. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 740-748.	0.6	14
43	Improved Remodeling With TEVAR and Distal Bare-Metal Stent in Acute Complicated Type B Dissection. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1572-1579.	1.3	14
44	Validation of intravascular ultrasound for measurement of aortic diameters: Comparison with multi-detector computed tomography. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2015, 24, 289-295.	1.2	13
45	Simultaneous transaortic transcatheter aortic valve implantation and off-pump coronary artery bypass: An effective hybrid approach. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1226-1231.	0.7	13
46	Results of a propensity score-matched comparison of the Perimount Magna and Mosaic Ultra aortic valve prostheses. <i>Journal of Heart Valve Disease</i> , 2009, 18, 703-11; discussion 712.	0.5	13
47	The predictive performance of the SAPS II and SAPS 3 scoring systems: A retrospective analysis. <i>Journal of Critical Care</i> , 2016, 33, 180-185.	2.2	11
48	Hemodynamic changes lead to alterations in aortic diameters and may challenge further stent graft sizing in acute aortic syndrome. <i>Journal of Thoracic Disease</i> , 2018, 10, 3482-3489.	1.4	11
49	Infections after transcatheter versus surgical aortic valve replacement: mid-term results of 200 consecutive patients. <i>Journal of Thoracic Disease</i> , 2018, 10, 4342-4352.	1.4	11
50	A New self-expandable transcatheter aortic valve for transapical implantation: feasibility in acute and chronic animal experiments. <i>Scandinavian Cardiovascular Journal</i> , 2013, 47, 145-153.	1.2	10
51	Rapid and automated risk stratification by determination of the aortic stiffness in healthy subjects and subjects with cardiovascular disease. <i>PLoS ONE</i> , 2019, 14, e0216538.	2.5	10
52	Changes of stent-graft orientation after frozen elephant trunk treatment in aortic dissection. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 61, 142-149.	1.4	9
53	Needs and Requirements in the Designing of Mobile Interventions for Patients With Peripheral Arterial Disease: Questionnaire Study. <i>JMIR Formative Research</i> , 2020, 4, e15669.	1.4	9
54	Conscious sedation during subcutaneous implantable cardioverter-defibrillator implantation using the intermuscular technique. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2019, 54, 59-64.	1.3	8

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55	Therapy limitation in octogenarians in German intensive care units is associated with a longer length of stay and increased 30-day mortality: A prospective multicenter study. <i>Journal of Critical Care</i> , 2020, 60, 58-63.	2.2	8
56	Mitral surgical redo versus transapical transcatheter mitral valve implantation. <i>PLoS ONE</i> , 2021, 16, e0256569.	2.5	8
57	Safety and efficacy of a novel algorithm to guide decision-making in high-risk interventional coronary procedures. <i>International Journal of Cardiology</i> , 2020, 299, 87-92.	1.7	6
58	A better echocardiographic view to aortic dissection. <i>European Heart Journal</i> , 2010, 31, 398-400.	2.2	5
59	Risk Assessment of Patients Undergoing Transfemoral Aortic Valve Implantation upon Admission for Post-Interventional Intensive Care and Surveillance: Implications on Short- and Midterm Outcomes. <i>PLoS ONE</i> , 2016, 11, e0167072.	2.5	5
60	Embolic Protection with the TriGuard 3 System in Nonagenarian Patients Undergoing Transcatheter Aortic Valve Replacement for Severe Aortic Stenosis. <i>Journal of Clinical Medicine</i> , 2022, 11, 2003.	2.4	5
61	Impact of left-ventricular end-diastolic pressure as a predictor of periprocedural hemodynamic deterioration in patients undergoing Impella supported high-risk percutaneous coronary interventions. <i>IJC Heart and Vasculature</i> , 2020, 26, 100445.	1.1	4
62	<i>Rebuttal</i>: Should the distal landing zone be assessed in thoracic endovascular aortic repair?. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, 934-935.	1.7	3
63	Impact of baseline left ventricular ejection fraction on outcome after transfemoral transcatheter aortic valve implantation in patients with and without low- ∇ gradient aortic stenosis. <i>Echocardiography</i> , 2019, 36, 28-37.	0.9	3
64	Use of extracorporeal membrane oxygenation as a bridge to transcatheter aortic valve replacement in a patient with aortic stenosis and severe coronary artery disease: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytaa567.	0.6	3
65	Transapical transcatheter mitral valve implantation in patients with degenerated mitral bioprostheses or failed ring annuloplasty. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 674-682.	1.7	3
66	Imaging for planning of transcatheter aortic valve implantation. <i>Herz</i> , 2017, 42, 554-563.	1.1	2
67	Improving risk prediction in patients undergoing TEVAR for Type B Aortic dissection. <i>International Journal of Cardiology</i> , 2020, 303, 74-75.	1.7	2
68	Impact of Diabetes Mellitus on Outcomes after High-Risk Interventional Coronary Procedures. <i>Journal of Clinical Medicine</i> , 2020, 9, 3414.	2.4	2
69	Score performance of SAPS 2 and SAPS 3 in combination with biomarkers IL-6, PCT or CRP. <i>PLoS ONE</i> , 2020, 15, e0238587.	2.5	2
70	Impact of Bioprosthetic Choice on Mortality After Transfemoral Transcatheter Aortic Valve Implantation in Patients With Reduced Versus Preserved Left-Ventricular Ejection Fraction. <i>American Journal of Cardiology</i> , 2020, 125, 1550-1557.	1.6	1
71	Clinical process optimization of transfemoral transcatheter aortic valve implantation. <i>Future Cardiology</i> , 2021, 17, 321-327.	1.2	1
72	Quadricuspid aortic: valve revealed by real-time, 3-dimensional transesophageal echocardiography. <i>Texas Heart Institute Journal</i> , 2013, 40, 207-8.	0.3	1

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73	Preserved Left Atrial Function Following Left Atrial Appendage Closure for Stroke Prevention. <i>Journal of Invasive Cardiology</i> , 2021, 33, E40-E44.	0.4	1
74	TCT-121 Thoracic Aortic Pseudoaneurysm Following Endovascular Stent Graft Placement for Treatment of Type B Dissection: What causes it?. <i>Journal of the American College of Cardiology</i> , 2012, 60, B37.	2.8	0
75	TCT-131 Cerebral Ischemia After Thoracic Endovascular Aortic Repair: A Diffusion-Weighted Magnetic Resonance Imaging Study. <i>Journal of the American College of Cardiology</i> , 2012, 60, B39.	2.8	0
76	Changes in Health Perception among Patients with Aortic Diseases in a Severe COVID-19 Area in the West of Germany: A Longitudinal Study between the First and Second Wave of the COVID-19 Pandemic. <i>Medicina (Lithuania)</i> , 2021, 57, 888.	2.0	0
77	Interventional treatment of an aortopulmonary window due to a ruptured suture of an aortic prosthesis. <i>EuroIntervention</i> , 2015, 11, 956-956.	3.2	0
78	The Transaxillary Approach via Prosthetic Conduit for Transcatheter Aortic Valve Replacement With the New-Generation Balloon-Expandable Valves in Patients With Severe Peripheral Artery Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 795263.	2.4	0
79	Early Pacemaker Implantation after Transcatheter Aortic Valve Replacement: Impact of PlasmaBladeâ„¢ for Prevention of Device-Associated Bleeding Complications. <i>Medicina (Lithuania)</i> , 2021, 57, 1331.	2.0	0