

# Alexander Meyer

## List of Publications by Year in descending order

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36  
papers

800  
citations

840585

11  
h-index

526166

27  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac Surgeryâ€“Related Acute Kidney Injury _ Risk Factors, Clinical Course, Management Suggestions. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 444-451.	0.6	6
2	Deep Learning Based Centerline-Aggregated Aortic Hemodynamics: An Efficient Alternative to Numerical Modeling of Hemodynamics. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1815-1825.	3.9	14
3	Aortic valve replacement via right anterolateral minithoracotomy: preventing adverse events during the initial learning curve. Journal of Cardiovascular Surgery, 2022, 63, .	0.3	0
4	Prognostic impact of secondary prevention after coronary artery bypass graftingâ€“insights from the TiCAB trial. European Journal of Cardio-thoracic Surgery, 2022, 62, .	0.6	4
5	Surgical Restoration of Antero-Apical Left Ventricular Aneurysms: Cardiac Computed Tomography for Therapy Planning. Frontiers in Cardiovascular Medicine, 2022, 9, 763073.	1.1	2
6	A new calcium score to predict paravalvular leak in transcatheter aortic valve implantation. European Journal of Cardio-thoracic Surgery, 2021, 59, 894-900.	0.6	3
7	Using interpretability approaches to update â€œblack-boxâ€“clinical prediction models: an external validation study in nephrology. Artificial Intelligence in Medicine, 2021, 111, 101982.	3.8	14
8	Minithoracotomy versus full sternotomy for isolated aortic valve replacement: Propensity matched data from two centers. Journal of Cardiac Surgery, 2021, 36, 97-104.	0.3	11
9	The effect of transcatheter aortic valve implantation approaches on mortality. Catheterization and Cardiovascular Interventions, 2021, 97, 1462-1469.	0.7	3
10	Assessment of 10-Year Left-Ventricular-Remodeling by CMR in Patients Following Aortic Valve Replacement. Frontiers in Cardiovascular Medicine, 2021, 8, 645693.	1.1	4
11	SLL-PEEP Ventilation to Improve Exposure in Minimally Invasive Right Anterolateral Minithoracotomy Aortic Valve Replacement. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2021, 16, 358-364.	0.4	0
12	Development of tricuspid regurgitation and right ventricular performance after implantation of centrifugal left ventricular assist devices. Annals of Cardiothoracic Surgery, 2021, 10, 364-374.	0.6	7
13	Transcatheter aortic valve implantation and its impact on mitral valve geometry and function. Journal of Cardiac Surgery, 2020, 35, 2185-2193.	0.3	2
14	Minimally invasive surgical aortic valve replacement: The RALT approach. Journal of Cardiac Surgery, 2020, 35, 2341-2346.	0.3	23
15	Deep-learning-based real-time prediction of acute kidney injury outperforms human predictive performance. Npj Digital Medicine, 2020, 3, 139.	5.7	65
16	Real-time predictive analytics in postoperative critical care. , 2020, , .		0
17	Randomized trial of ticagrelor vs. aspirin in patients after coronary artery bypass grafting: the TiCAB trial. European Heart Journal, 2019, 40, 2432-2440.	1.0	61
18	Artificial intelligence-assisted care in medicine: a revolution or yet another blunt weapon?. European Heart Journal, 2019, 40, 3286-3289.	1.0	6

#	ARTICLE	IF	CITATIONS
19	A Novel Technique for Transcatheter Aortic Valve Replacement in Pure Aortic Regurgitation. <i>Annals of Thoracic Surgery</i> , 2019, 107, e177-e179.	0.7	5
20	Transcatheter Valve-in-Valve and Valve-in-Ring Interventions for Failing Bioprostheses and Annuloplasty Rings. <i>Surgical Technology International</i> , 2019, 34, 313-320.	0.1	0
21	Outcome of thrombus aspiration in STEMI patients: a propensity score-adjusted study. <i>Journal of Thrombosis and Thrombolysis</i> , 2018, 45, 240-249.	1.0	2
22	An overview of surgical treatment modalities and emerging transcatheter interventions in the management of tricuspid valve regurgitation. <i>Expert Review of Cardiovascular Therapy</i> , 2018, 16, 75-89.	0.6	18
23	Machine learning for real-time prediction of complications in critical care: a retrospective study. <i>Lancet Respiratory Medicine</i> , 2018, 6, 905-914.	5.2	226
24	Is what you see all there is?. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 797-799.	0.6	0
25	Comparison of 1-Year Survival and Frequency of Paravalvular Leakage Using the Sapien 3 Versus the Sapien XT for Transcatheter Aortic Valve Implantation for Aortic Stenosis. <i>American Journal of Cardiology</i> , 2017, 120, 2247-2255.	0.7	15
26	Identification of Periprocedural Myocardial Infarction Using a High-Sensitivity Troponin I Assay in Patients Who Underwent Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2017, 120, 1180-1186.	0.7	9
27	Release kinetics of high-sensitivity cardiac troponins I and T and troponin T upstream open reading frame peptide (TnTuORF) in clinically induced acute myocardial infarction. <i>Biomarkers</i> , 2017, 22, 304-310.	0.9	10
28	Minimally Invasive Surgical Mitral Valve Repair: State of the Art Review. <i>Interventional Cardiology Review</i> , 2017, 13, 14.	0.7	56
29	Frailty Assessed by the Forecast is a Valid Tool to Predict Short-Term Outcome after Transcatheter Aortic Valve Replacement. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2016, 11, 407-413.	0.4	5
30	Comparison of two valve systems for transapical aortic valve implantation: a propensity score-matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 486-492.	0.6	14
31	First experience without pre-ballooning in transapical aortic valve implantation: a propensity score-matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 31-38.	0.6	25
32	Association Between Shear Stress and Platelet-Derived Transforming Growth Factor- $\beta$ 1 Release and Activation in Animal Models of Aortic Valve Stenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1924-1932.	1.1	31
33	Platelet TGF- $\beta$ 1 contributions to plasma TGF- $\beta$ 1, cardiac fibrosis, and systolic dysfunction in a mouse model of pressure overload. <i>Blood</i> , 2012, 119, 1064-1074.	0.6	159
34	Changes in Plasma TGF- $\beta$ 1 Levels in a Murine Model of Aortic Stenosis (Surgical Constriction of the) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> <i>Blood</i> , 2012, 120, 1065-1065.	0.6	0
35	Mice with Megakaryocyte-Specific Deletion of TGF- $\beta$ 1 Are Partially Protected From Developing Cardiac Fibrosis and Systolic Dysfunction in a Pressure Overload Model. <i>Blood</i> , 2011, 118, 362-362.	0.6	0
36	Digitale Transformation: Dies ist erst der Anfang .... , 0, , .		0