

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	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
2	Platelet TGF- β 1 contributions to plasma TGF- β 1, cardiac fibrosis, and systolic dysfunction in a mouse model of pressure overload. <i>Blood</i> , 2012, 119, 1064-1074.	0.6	159
3	Deep-learning-based real-time prediction of acute kidney injury outperforms human predictive performance. <i>Npj Digital Medicine</i> , 2020, 3, 139.	5.7	65
4	Randomized trial of ticagrelor vs. aspirin in patients after coronary artery bypass grafting: the TiCAB trial. <i>European Heart Journal</i> , 2019, 40, 2432-2440.	1.0	61
5	Minimally Invasive Surgical Mitral Valve Repair: State of the Art Review. <i>Interventional Cardiology Review</i> , 2017, 13, 14.	0.7	56
6	Association Between Shear Stress and Platelet-Derived Transforming Growth Factor- β 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
7	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
8	Minimally invasive surgical aortic valve replacement: The RALT approach. <i>Journal of Cardiac Surgery</i> , 2020, 35, 2341-2346.	0.3	23
9	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
10	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
11	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
12	Using interpretability approaches to update "black-box" clinical prediction models: an external validation study in nephrology. <i>Artificial Intelligence in Medicine</i> , 2021, 111, 101982.	3.8	14
13	Deep Learning Based Centerline-Aggregated Aortic Hemodynamics: An Efficient Alternative to Numerical Modeling of Hemodynamics. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 1815-1825.	3.9	14
14	Minithoracotomy versus full sternotomy for isolated aortic valve replacement: Propensity matched data from two centers. <i>Journal of Cardiac Surgery</i> , 2021, 36, 97-104.	0.3	11
15	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
16	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
17	Development of tricuspid regurgitation and right ventricular performance after implantation of centrifugal left ventricular assist devices. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 364-374.	0.6	7
18	Artificial intelligence-assisted care in medicine: a revolution or yet another blunt weapon?. <i>European Heart Journal</i> , 2019, 40, 3286-3289.	1.0	6

#	ARTICLE	IF	CITATIONS
19	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
20	Frailty Assessed by the Forecast is a Valid Tool to Predict Short-Term Outcome after Transcatheter Aortic Valve Replacement. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2016, 11, 407-413.	0.4	5
21	A Novel Technique for Transcatheter Aortic Valve Replacement in Pure Aortic Regurgitation. Annals of Thoracic Surgery, 2019, 107, e177-e179.	0.7	5
22	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
23	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
24	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
25	The effect of transcatheter aortic valve implantation approaches on mortality. Catheterization and Cardiovascular Interventions, 2021, 97, 1462-1469.	0.7	3
26	Outcome of thrombus aspiration in STEMI patients: a propensity score-adjusted study. Journal of Thrombosis and Thrombolysis, 2018, 45, 240-249.	1.0	2
27	Transcatheter aortic valve implantation and its impact on mitral valve geometry and function. Journal of Cardiac Surgery, 2020, 35, 2185-2193.	0.3	2
28	Surgical Restoration of Antero-Apical Left Ventricular Aneurysms: Cardiac Computed Tomography for Therapy Planning. Frontiers in Cardiovascular Medicine, 2022, 9, 763073.	1.1	2
29	Is what you see all there is?. European Journal of Cardio-thoracic Surgery, 2018, 54, 797-799.	0.6	0
30	Real-time predictive analytics in postoperative critical care. , 2020, , .		0
31	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
32	Mice with Megakaryocyte-Specific Deletion of TGF-Î²1 Are Partially Protected From Developing Cardiac Fibrosis and Systolic Dysfunction in a Pressure Overload Model. Blood, 2011, 118, 362-362.	0.6	0
33	Changes in Plasma TGF-Î²1 Levels in a Murine Model of Aortic Stenosis (Surgical Constriction of the) Tj ETQq1 1 0.784314 rgBT /Overload 2012, 120, 1065-1065.	0.6	0
34	Aortic valve replacement via right anterolateral minithoracotomy: preventing adverse events during the initial learning curve. Journal of Cardiovascular Surgery, 2022, 63, .	0.3	0
35	Digitale Transformation: Dies ist erst der Anfang , 0, , .		0
36	Transcatheter Valve-in-Valve and Valve-in-Ring Interventions for Failing Bioprostheses and Annuloplasty Rings. Surgical Technology International, 2019, 34, 313-320.	0.1	0