

# Peter Moritz Becher

## List of Publications by Year in descending order

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35  
papers

1,722  
citations

331670

21  
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345221

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Left Ventricular Unloading Is Associated With Lower Mortality in Patients With Cardiogenic Shock Treated With Venoarterial Extracorporeal Membrane Oxygenation. <i>Circulation</i> , 2020, 142, 2095-2106.	1.6	269
2	Myocardial Titin Hypophosphorylation Importantly Contributes to Heart Failure With Preserved Ejection Fraction in a Rat Metabolic Risk Model. <i>Circulation: Heart Failure</i> , 2013, 6, 1239-1249.	3.9	241
3	Application of the SCAI classification in a cohort of patients with cardiogenic shock. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E213-E219.	1.7	122
4	Unloading of the Left Ventricle During Venoarterial Extracorporeal Membrane Oxygenation Therapy in Cardiogenic Shock. <i>JACC: Heart Failure</i> , 2018, 6, 1035-1043.	4.1	105
5	Venoarterial Extracorporeal Membrane Oxygenation for Cardiopulmonary Support. <i>Circulation</i> , 2018, 138, 2298-2300.	1.6	92
6	Renin Inhibition Improves Cardiac Function and Remodeling After Myocardial Infarction Independent of Blood Pressure. <i>Hypertension</i> , 2008, 52, 1068-1075.	2.7	91
7	Reduced Degradation of the Chemokine MCP-3 by Matrix Metalloproteinase-2 Exacerbates Myocardial Inflammation in Experimental Viral Cardiomyopathy. <i>Circulation</i> , 2011, 124, 2082-2093.	1.6	81
8	Role of Heart Rate Reduction in the Prevention of Experimental Heart Failure. <i>Hypertension</i> , 2012, 59, 949-957.	2.7	69
9	Temporal trends in incidence, causes, use of mechanical circulatory support and mortality in cardiogenic shock. <i>ESC Heart Failure</i> , 2021, 8, 1295-1303.	3.1	69
10	Selective PDE5A inhibition with sildenafil rescues left ventricular dysfunction, inflammatory immune response and cardiac remodeling in angiotensin II-induced heart failure in vivo. <i>Basic Research in Cardiology</i> , 2012, 107, 308.	5.9	66
11	Interleukin-23 Deficiency Leads to Impaired Wound Healing and Adverse Prognosis After Myocardial Infarction. <i>Circulation: Heart Failure</i> , 2014, 7, 161-171.	3.9	48
12	Human Cardiac-Derived Adherent Proliferating Cells Reduce Murine Acute Coxsackievirus B3-Induced Myocarditis. <i>PLoS ONE</i> , 2011, 6, e28513.	2.5	44
13	Cardioprotection by placenta-derived stromal cells in a murine myocardial infarction model. <i>Journal of Surgical Research</i> , 2013, 185, 70-83.	1.6	37
14	Impaired Endothelial Regeneration Through Human Parvovirus B19-Infected Circulating Angiogenic Cells in Patients With Cardiomyopathy. <i>Journal of Infectious Diseases</i> , 2015, 212, 1070-1081.	4.0	34
15	Neuron-specific-enolase as a predictor of the neurologic outcome after cardiopulmonary resuscitation in patients on ECMO. <i>Resuscitation</i> , 2019, 136, 14-20.	3.0	33
16	Procedural volume and outcomes in patients undergoing VA-ECMO support. <i>Critical Care</i> , 2020, 24, 291.	5.8	32
17	Patient Characteristics, Treatment and Outcome in Non-Ischemic vs. Ischemic Cardiogenic Shock. <i>Journal of Clinical Medicine</i> , 2020, 9, 931.	2.4	28
18	Impella 5.0 therapy as a bridge-to-decision option for patients on extracorporeal life support with unclear neurological outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 1031-1036.	1.4	27

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19	Risk prediction of in-hospital mortality in patients with venoarterial extracorporeal membrane oxygenation for cardiopulmonary support: The ECMO-ACCEPTS score. <i>Journal of Critical Care</i> , 2020, 56, 100-105.	2.2	27
20	Role of Toll-like receptors and interferon regulatory factors in different experimental heart failure models of diverse etiology: IRF7 as novel cardiovascular stress-inducible factor. <i>PLoS ONE</i> , 2018, 13, e0193844.	2.5	26
21	Epithelial-to-Mesenchymal Transition Enhances the Cardioprotective Capacity of Human Amniotic Epithelial Cells. <i>Cell Transplantation</i> , 2015, 24, 985-1002.	2.5	22
22	Cardiac Function Remains Impaired Despite Reversible Cardiac Remodeling after Acute Experimental Viral Myocarditis. <i>Journal of Immunology Research</i> , 2017, 2017, 1-17.	2.2	19
23	Total Aortic Arch Replacement: Superior Ventriculo-Arterial Coupling with Decellularized Allografts Compared with Conventional Prostheses. <i>PLoS ONE</i> , 2014, 9, e103588.	2.5	18
24	Combination of RNA Interference and Virus Receptor Trap Exerts Additive Antiviral Activity in Cocksackievirus B3-induced Myocarditis in Mice. <i>Journal of Infectious Diseases</i> , 2015, 211, 613-622.	4.0	17
25	Predictive value of long-term changes of growth differentiation factor-15 over a 27-year-period for heart failure and death due to coronary heart disease. <i>PLoS ONE</i> , 2018, 13, e0197497.	2.5	17
26	Challenging aspects of treatment strategies in heart failure with preserved ejection fraction: "Why did recent clinical trials fail?" <i>World Journal of Cardiology</i> , 2015, 7, 544.	1.5	15
27	Current Treatment of Heart Failure with Preserved Ejection Fraction: Should We Add Life to the Remaining Years or Add Years to the Remaining Life?. <i>Cardiology Research and Practice</i> , 2013, 2013, 1-9.	1.1	14
28	Diagnosing heart failure with preserved ejection fraction. <i>Expert Opinion on Medical Diagnostics</i> , 2013, 7, 463-474.	1.6	9
29	Clinical characteristics and outcomes of patients with adult congenital heart disease listed for heart and heart-lung transplantation in the Eurotransplant region. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 1238-1249.	0.6	8
30	Experimental Heart Failure Models and Their Pathophysiological Characterization. <i>BioMed Research International</i> , 2016, 2016, 1-3.	1.9	7
31	Distinct Hemodynamic Changes After Interventional Mitral Valve Edge-to-Edge Repair in Different Phenotypes of Heart Failure: An Integrated Hemodynamic Analysis. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	7
32	Effect of a Stable Angiotensin(1-7) Analogue on Progenitor Cell Recruitment and Cardiovascular Function Post Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	5
33	Study design and rationale of the pAtients pResenTing with cOngenital heaRt dIseAsE Register (ARTORIA). <i>ESC Heart Failure</i> , 2021, 8, 5542-5550.	3.1	4
34	Differences in the Treatment of Acute Coronary Syndrome in the Pre-COVID and COVID Era: An Analysis from Two German High-Volume Centers. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 145.	1.6	4
35	Seasonal trends of incidence and outcomes of cardiogenic shock : findings from a large, nationwide inpatients sample with 441,696 cases. <i>Critical Care</i> , 2021, 25, 325.	5.8	1