Timo Heidt

List of Publications by Year in descending order

40 papers	3,284 citations	430442 18 h-index	288905 40 g-index
41 all docs	41 docs citations	41 times ranked	5309 citing authors

#	Article	IF	Citations
1	Real-Time Control of Active Catheter Signals for Better Visual Profiling During Cardiovascular Interventions Under MRI Guidance. IEEE Access, 2022, 10, 20581-20589.	2.6	3
2	P2X4 deficiency reduces atherosclerosis and plaque inflammation in mice. Scientific Reports, 2022, 12, 2801.	1.6	6
3	P2Y12-dependent activation of hematopoietic stem and progenitor cells promotes emergency hematopoiesis after myocardial infarction. Basic Research in Cardiology, 2022, 117, 16.	2.5	5
4	An activation specific anti-Mac-1 designed ankyrin repeat protein improves survival in a mouse model of acute lung injury. Scientific Reports, 2022, 12, 6296.	1.6	2
5	Circulating Autoantibodies Recognizing Immunodominant Epitopes From Human Apolipoprotein B Associate With Cardiometabolic Risk Factors, but Not With Atherosclerotic Disease. Frontiers in Cardiovascular Medicine, 2022, 9, 826729.	1.1	1
6	Impact of Preprocedural Aortic Valve Calcification on Conduction Disturbances after Transfemoral Aortic Valve Replacement. Cardiology, 2021, 146, 228-237.	0.6	5
7	Ventral calcification in the common femoral artery: A risk factor for major transcatheter aortic valve intervention access site complications. Catheterization and Cardiovascular Interventions, 2021, 98, E947-E953.	0.7	3
8	In-hospital outcomes of self-expanding and balloon-expandable transcatheter heart valves in Germany. Clinical Research in Cardiology, 2021, 110, 1977-1982.	1.5	7
9	Genetic Deficiency of TRAF5 Promotes Adipose Tissue Inflammation and Aggravates Diet-Induced Obesity in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2563-2574.	1.1	8
10	Myeloid cell-specific Irf5 deficiency stabilizes atherosclerotic plaques in Apoe mice. Molecular Metabolism, 2021, 53, 101250.	3.0	6
11	The Use and Outcomes of Cerebral Protection Devices for Patients Undergoing Transfemoral TranscatheterÂAortic Valve Replacement in Clinical Practice. JACC: Cardiovascular Interventions, 2021, 14, 161-168.	1.1	33
12	P2Y12 Inhibition in Murine Myocarditis Results in Reduced Platelet Infiltration and Preserved Ejection Fraction. Cells, 2021, 10, 3414.	1.8	3
13	Nationwide outcomes of aortic valve replacement for pure aortic regurgitation in Germany 2008â€“2015. Catheterization and Cardiovascular Interventions, 2020, 95, 810-816.	0.7	16
14	Molecular magnetic resonance imaging of activated platelets allows noninvasive detection of early myocarditis in mice. Scientific Reports, 2020, 10, 13211.	1.6	7
15	Inhibition of macrophage proliferation dominates plaque regression in response to cholesterol lowering. Basic Research in Cardiology, 2020, 115, 78.	2.5	37
16	Venoarterial extracorporeal membrane oxygenation decannulation using the novel Manta vascular closure device. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 342-347.	0.4	21
17	Magnetic resonance imaging for pathobiological assessment and interventional treatment of the coronary arteries. European Heart Journal Supplements, 2020, 22, C46-C56.	0.0	6
18	Outcomes of transcatheter aortic valve implantations in high-volume or low-volume centres in Germany. Heart, 2020, 106, 1604-1608.	1.2	15

#	Article	IF	Citations
19	A logistic regression analysis comparing minimalistic approach and intubation anaesthesia in patients undergoing transfemoral transcatheter aortic valve replacement. PLoS ONE, 2020, 15, e0227345.	1.1	6
20	Psychiatric Presentation of Anti-NMDA Receptor Encephalitis. Frontiers in Neurology, 2019, 10, 1086.	1.1	31
21	Real-time magnetic resonance imaging â€“ guided coronary intervention in a porcine model. Scientific Reports, 2019, 9, 8663.	1.6	23
22	Risk factors and outcome of postoperative delirium after transcatheter aortic valve replacement. Clinical Research in Cardiology, 2018, 107, 756-762.	1.5	23
23	Inflammatory Pathways Regulated by Tumor Necrosis Receptorâ€“Associated Factor 1 Protect From Metabolic Consequences in Diet-Induced Obesity. Circulation Research, 2018, 122, 693-700.	2.0	19
24	Purinergic receptor Y2 (P2Y2)- dependent VCAM-1 expression promotes immune cell infiltration in metabolic syndrome. Basic Research in Cardiology, 2018, 113, 45.	2.5	46
25	Coronary magnetic resonance imaging after routine implantation of bioresorbable vascular scaffolds allows non-invasive evaluation of vascular patency. PLoS ONE, 2018, 13, e0191413.	1.1	10
26	A molecular intravascular ultrasound contrast agent allows detection of activated platelets on the surface of symptomatic human plaques. Atherosclerosis, 2017, 267, 68-77.	0.4	9
27	Molecular Imaging of Activated Platelets Allows the Detection of Pulmonary Embolism with Magnetic Resonance Imaging. Scientific Reports, 2016, 6, 25044.	1.6	18
28	Proliferation and Recruitment Contribute to Myocardial Macrophage Expansion in Chronic Heart Failure. Circulation Research, 2016, 119, 853-864.	2.0	318
29	Atheroprotection through SYK inhibition fails in established disease when local macrophage proliferation dominates lesion progression. Basic Research in Cardiology, 2016, 111, 20.	2.5	31
30	Magnetic Resonance Imaging of Bioresorbable Vascular Scaffolds. Circulation: Cardiovascular Interventions, 2015, 8, .	1.4	12
31	Myocardial Infarction Activates CCR2+ Hematopoietic Stem and Progenitor Cells. Cell Stem Cell, 2015, 16, 477-487.	5.2	168
32	Targeting Interleukin-1Î² Reduces Leukocyte Production After Acute Myocardial Infarction. Circulation, 2015, 132, 1880-1890.	1.6	200
33	Ischemic Stroke Activates Hematopoietic Bone Marrow Stem Cells. Circulation Research, 2015, 116, 407-417.	2.0	182
34	4D-cardiac CT and IVUS support stenting of left main compression due to an enlarged pulmonary artery. EuroIntervention, 2015, 11, e1-e1.	1.4	0
35	Chronic variable stress activates hematopoietic stem cells. Nature Medicine, 2014, 20, 754-758.	15.2	565
36	Dual-Contrast Molecular Imaging Allows Noninvasive Characterization of Myocardial Ischemia/Reperfusion Injury After Coronary Vessel Occlusion in Mice by Magnetic Resonance Imaging. Circulation, 2014, 130, 676-687.	1.6	52

#	Article	IF	Citations
37	Differential Contribution of Monocytes to Heart Macrophages in Steady-State and After Myocardial Infarction. Circulation Research, 2014, 115, 284-295.	2.0	453
38	Multimodal iron oxide nanoparticles for hybrid biomedical imaging. NMR in Biomedicine, 2013, 26, 756-765.	1.6	32
39	Myocardial infarction accelerates atherosclerosis. Nature, 2012, 487, 325-329.	13.7	874
40	Activated Platelets in Carotid Artery Thrombosis in Mice Can Be Selectively Targeted with a Radiolabeled Single-Chain Antibody. PLoS ONE, 2011, 6, e18446.	1.1	24