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	Myocardial infarction accelerates atherosclerosis. Nature, 2012, 487, 325-329.	13.7	874
2	Chronic variable stress activates hematopoietic stem cells. Nature Medicine, 2014, 20, 754-758.	15.2	565
3	Differential Contribution of Monocytes to Heart Macrophages in Steady-State and After Myocardial Infarction. Circulation Research, 2014, 115, 284-295.	2.0	453
4	Proliferation and Recruitment Contribute to Myocardial Macrophage Expansion in Chronic Heart Failure. Circulation Research, 2016, 119, 853-864.	2.0	318
5	Targeting Interleukin-1Î² Reduces Leukocyte Production After Acute Myocardial Infarction. Circulation, 2015, 132, 1880-1890.	1.6	200
6	Ischemic Stroke Activates Hematopoietic Bone Marrow Stem Cells. Circulation Research, 2015, 116, 407-417.	2.0	182
7	Myocardial Infarction Activates CCR2+ Hematopoietic Stem and Progenitor Cells. Cell Stem Cell, 2015, 16, 477-487.	5.2	168
8	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
9	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
10	Inhibition of macrophage proliferation dominates plaque regression in response to cholesterol lowering. Basic Research in Cardiology, 2020, 115, 78.	2.5	37
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	Multimodal iron oxide nanoparticles for hybrid biomedical imaging. NMR in Biomedicine, 2013, 26, 756-765.	1.6	32
13	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
14	Psychiatric Presentation of Anti-NMDA Receptor Encephalitis. Frontiers in Neurology, 2019, 10, 1086.	1.1	31
15	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
16	Risk factors and outcome of postoperative delirium after transcatheter aortic valve replacement. Clinical Research in Cardiology, 2018, 107, 756-762.	1.5	23
17	Real-time magnetic resonance imaging â€“ guided coronary intervention in a porcine model. Scientific Reports, 2019, 9, 8663.	1.6	23
18	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

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19	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
20	Molecular Imaging of Activated Platelets Allows the Detection of Pulmonary Embolism with Magnetic Resonance Imaging. Scientific Reports, 2016, 6, 25044.	1.6	18
21	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
22	Outcomes of transcatheter aortic valve implantations in high-volume or low-volume centres in Germany. Heart, 2020, 106, 1604-1608.	1.2	15
23	Magnetic Resonance Imaging of Bioresorbable Vascular Scaffolds. Circulation: Cardiovascular Interventions, 2015, 8, .	1.4	12
24	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
25	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
26	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
27	Molecular magnetic resonance imaging of activated platelets allows noninvasive detection of early myocarditis in mice. Scientific Reports, 2020, 10, 13211.	1.6	7
28	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
29	Magnetic resonance imaging for pathobiological assessment and interventional treatment of the coronary arteries. European Heart Journal Supplements, 2020, 22, C46-C56.	0.0	6
30	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
31	Myeloid cell-specific Irf5 deficiency stabilizes atherosclerotic plaques in Apoe mice. Molecular Metabolism, 2021, 53, 101250.	3.0	6
32	P2X4 deficiency reduces atherosclerosis and plaque inflammation in mice. Scientific Reports, 2022, 12, 2801.	1.6	6
33	Impact of Preprocedural Aortic Valve Calcification on Conduction Disturbances after Transfemoral Aortic Valve Replacement. Cardiology, 2021, 146, 228-237.	0.6	5
34	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
35	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
36	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

#	Article	IF	Citations
37	P2Y12 Inhibition in Murine Myocarditis Results in Reduced Platelet Infiltration and Preserved Ejection Fraction. Cells, 2021, 10, 3414.	1.8	3
38	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
39	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
40	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