

# Meinrad Gawaz

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

237  
papers

14,836  
citations

53  
h-index

118  
g-index

255  
ext. papers

17,520  
ext. citations

7.1  
avg, IF

6.81  
L-index

#	Paper	IF	Citations
237	Isomer-selective analysis of inositol phosphates with differential isotope labelling by phosphate methylation using liquid chromatography with tandem mass spectrometry.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1191, 339286	6.6	0
236	Biophysical targeting of high-risk cerebral aneurysms.. <i>Bioengineering and Translational Medicine</i> , <b>2022</b> , 7, e10251	14.8	1
235	ACKR3 regulates platelet activation and ischemia-reperfusion tissue injury.. <i>Nature Communications</i> , <b>2022</b> , 13, 1823	17.4	0
234	Cocaine and COVID-19 in ST-Elevation Myocardial Infarction.. <i>Case Reports in Cardiology</i> , <b>2022</b> , 2022, 5640965	0.6	
233	A humanized $\alpha$ integrin knockin mouse reveals localized intra- and extravascular neutrophil integrin activation in vivo. <i>Cell Reports</i> , <b>2022</b> , 39, 110876	10.6	2
232	Platelet-Derived PCSK9 Is Associated with LDL Metabolism and Modulates Atherothrombotic Mechanisms in Coronary Artery Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
231	Platelets and COVID-19. <i>Hamostaseologie</i> , <b>2021</b> , 41, 379-385	1.9	9
230	Effect of Oxidized LDL on Platelet Shape, Spreading, and Migration Investigated with Deep Learning Platelet Morphometry. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
229	"Mind the Gap": An 85-Year-Old Man with Severe Tricuspid Valve Regurgitation Who Underwent Percutaneous Edge-to-Edge Valve Leaflet Plication Using the New and Advanced MitraClip XTR System. <i>American Journal of Case Reports</i> , <b>2021</b> , 22, e928089	1.3	
228	Deceleration capacity for rapid risk stratification in patients suffering from acute ischemic stroke: A prospective exploratory pilot study. <i>Medicine (United States)</i> , <b>2021</b> , 100, e25333	1.8	1
227	Closure or medical therapy of patent foramen ovale in cryptogenic stroke: prospective case series. <i>Neurological Research and Practice</i> , <b>2021</b> , 3, 16	3.2	3
226	Targeted Phosphoinositides Analysis Using High-Performance Ion Chromatography-Coupled Selected Reaction Monitoring Mass Spectrometry. <i>Journal of Proteome Research</i> , <b>2021</b> , 20, 3114-3123	5.6	0
225	The C5a/C5a receptor 1 axis controls tissue neovascularization through CXCL4 release from platelets. <i>Nature Communications</i> , <b>2021</b> , 12, 3352	17.4	4
224	Impaired Myocardial Function Is Prognostic for Severe Respiratory Failure in the Course of COVID-19 Infection. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 584108	5.4	2
223	Platelet Activation and Plasma Levels of Furin Are Associated With Prognosis of Patients With Coronary Artery Disease and COVID-19. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 2080-2096	9.4	10
222	The chemokine CXCL14 mediates platelet function and migration via direct interaction with CXCR4. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 903-917	9.9	9
221	Kindlin-3 recruitment to the plasma membrane precedes high-affinity $\alpha$ -integrin and neutrophil arrest from rolling. <i>Blood</i> , <b>2021</b> , 137, 29-38	2.2	17

220	Classical monocyte transcriptomes reveal significant anti-inflammatory statin effect in women with chronic HIV. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 1166-1177	9.9	4
219	Glycoprotein VI - novel target in antiplatelet medication. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 217, 107630-9	3.9	9
218	Numbers and phenotype of non-classical CD14dimCD16+ monocytes are predictors of adverse clinical outcome in patients with coronary artery disease and severe SARS-CoV-2 infection. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 224-239	9.9	6
217	Antibody-induced procoagulant platelets in severe COVID-19 infection. <i>Blood</i> , <b>2021</b> , 137, 1061-1071	2.2	86
216	Acute coronary syndrome is associated with a substantial change in the platelet lipidome. <i>Cardiovascular Research</i> , <b>2021</b> ,	9.9	2
215	Fortified Tregs to fight atherosclerosis. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 1987-1988	9.9	1
214	Protective role of Gremlin-1 in myocardial function. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , 51, e13539	4.6	0
213	Anti-platelet factor 4 antibodies causing VITT do not cross-react with SARS-CoV-2 spike protein. <i>Blood</i> , <b>2021</b> , 138, 1269-1277	2.2	46
212	Progressive abdominal pain in a 63-year-old man. <i>Clinical Case Reports (discontinued)</i> , <b>2021</b> , 9, e04543	0.7	
211	ANXA7 Regulates Platelet Lipid Metabolism and Ca Release in Arterial Thrombosis. <i>Circulation Research</i> , <b>2021</b> , 129, 494-507	15.7	2
210	Deceleration capacity is associated with acute respiratory distress syndrome in COVID-19. <i>Heart and Lung: Journal of Acute and Critical Care</i> , <b>2021</b> , 50, 914-918	2.6	1
209	Myeloid cell-specific Irf5 deficiency stabilizes atherosclerotic plaques in Apoe mice. <i>Molecular Metabolism</i> , <b>2021</b> , 53, 101250	8.8	3
208	Genomewide Association Study of Platelet Reactivity and Cardiovascular Response in Patients Treated With Clopidogrel: A Study by the International Clopidogrel Pharmacogenomics Consortium. <i>Clinical Pharmacology and Therapeutics</i> , <b>2020</b> , 108, 1067-1077	6.1	12
207	Impaired cardiac function is associated with mortality in patients with acute COVID-19 infection. <i>Clinical Research in Cardiology</i> , <b>2020</b> , 109, 1491-1499	6.1	74
206	Imaging of the immune system - towards a subcellular and molecular understanding. <i>Journal of Cell Science</i> , <b>2020</b> , 133,	5.3	7
205	Beta-Glycerophosphate-Induced ORA11 Expression and Store Operated Ca Entry in Megakaryocytes. <i>Scientific Reports</i> , <b>2020</b> , 10, 1728	4.9	4
204	Long-term outcome after thrombus aspiration in non-ST-elevation myocardial infarction: results from the TATORT-NSTEMI trial : Thrombus aspiration in acute myocardial infarction. <i>Clinical Research in Cardiology</i> , <b>2020</b> , 109, 1223-1231	6.1	3
203	Performance of two Methods for Cardiac MRI Edema Mapping: Dual-Contrast Fast Spin-Echo and T2 Prepared Balanced Steady State Free Precession. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2020</b> , 192, 669-677	2.3	1

202	A 63-year-old female patient with fever, myalgias and interstitial lung disease. <i>Clinical Research in Cardiology</i> , <b>2020</b> , 1	6.1	
201	Pharmacogenomic polygenic response score predicts ischaemic events and cardiovascular mortality in clopidogrel-treated patients. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , <b>2020</b> , 6, 203-210	6.4	33
200	Right-sided infective endocarditis in association with a left-to-right shunt complicated by haemoptysis and acute renal failure: a case report. <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 494	2.3	0
199	Glycoprotein VI (GPVI)-functionalized nanoparticles targeting arterial injury sites under physiological flow. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2020</b> , 29, 102274	6	5
198	Predictors of Mortality in Patients With Biopsy-Proven Viral Myocarditis: 10-Year Outcome Data. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e015351	6	12
197	Simultaneous targeted and untargeted UHPLC-ESI-MS/MS method with data-independent acquisition for quantification and profiling of (oxidized) fatty acids released upon platelet activation by thrombin. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1094, 57-69	6.6	8
196	Imaging fibrosis in inflammatory diseases: targeting the exposed extracellular matrix. <i>Theranostics</i> , <b>2019</b> , 9, 2868-2881	12.1	11
195	The assembly and evaluation of antisense oligonucleotides applied in exon skipping for titin-based mutations in dilated cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 131, 12-19	5.8	5
194	The platelet NLRP3 inflammasome is upregulated in a murine model of pancreatic cancer and promotes platelet aggregation and tumor growth. <i>Annals of Hematology</i> , <b>2019</b> , 98, 1603-1610	3	12
193	Platelet GPIIb/IIIa is a mediator and potential interventional target for NASH and subsequent liver cancer. <i>Nature Medicine</i> , <b>2019</b> , 25, 641-655	50.5	123
192	Cryoballoon ablation for persistent atrial fibrillation in patients without left atrial fibrosis. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 999-1004	2.7	7
191	Thrombogenicity and Antithrombotic Strategies in Structural Heart Interventions and Nonaortic Cardiac Device Therapy-Current Evidence and Practice. <i>Thrombosis and Haemostasis</i> , <b>2019</b> , 119, 1590-1605	7.5	5
190	Pivotal role of PDK1 in megakaryocyte cytoskeletal dynamics and polarization during platelet biogenesis. <i>Blood</i> , <b>2019</b> , 134, 1847-1858	2.2	11
189	ECG changes after percutaneous edge-to-edge mitral valve repair. <i>Clinical Cardiology</i> , <b>2019</b> , 42, 1094-1099	3.3	1
188	Mitochondrial Dynamics in Tachycardiomyopathy. <i>Cellular Physiology and Biochemistry</i> , <b>2019</b> , 52, 435-438	3.9	2
187	The Scavenger Receptor CD68 Regulates Platelet Mediated Oxidized Low-Density Lipoprotein (oxLDL) Deposition in Atherosclerotic Vessels at an Early Stage of Atherosclerosis in LDLR/ApoBec Mice. <i>Cellular Physiology and Biochemistry</i> , <b>2019</b> , 52, 681-695	3.9	6
186	An Unusual Cause of Dyspnea and Thoracic Pressure. <i>Case Reports in Cardiology</i> , <b>2019</b> , 2019, 2574858	0.6	
185	Clinical and economical impact of the presence of an extended heart team throughout the balloon-expandable transcatheter aortic valve implantation procedure. <i>Clinical Research in Cardiology</i> , <b>2019</b> , 108, 315-323	6.1	3

184	Comprehensive MS/MS profiling by UHPLC-ESI-QTOF-MS/MS using SWATH data-independent acquisition for the study of platelet lipidomes in coronary artery disease. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1046, 1-15	6.6	30
183	Immunity and Inflammation in Atherosclerosis. <i>Circulation Research</i> , <b>2019</b> , 124, 315-327	15.7	427
182	Young patient with hantavirus-induced myocarditis detected by comprehensive cardiac magnetic resonance assessment. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 15	4	3
181	Loss of CXCR4 on non-classical monocytes in participants of the Women's Interagency HIV Study (WIHS) with subclinical atherosclerosis. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 1029-1040	9.9	5
180	First Experience with the MitraClip XTR <sup>®</sup> Compared to the MitraClip NTR <sup>®</sup> System in a Patient with Severe Mitral Regurgitation and Complex Mitral Valve Anatomy. <i>Structural Heart</i> , <b>2019</b> , 3, 79-80	0.6	
179	Improved mitral valve coaptation and reduced mitral valve annular size after percutaneous mitral valve repair (PMVR) using the MitraClip system. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2018</b> , 19, 785-791	4.1	12
178	Personalized medicine in inflammatory cardiomyopathy. <i>Personalized Medicine</i> , <b>2018</b> , 15, 127-136	2.2	2
177	Ceramidase critically affects GPVI-dependent platelet activation and thrombus formation. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 496, 792-798	3.4	5
176	Atlas of the Immune Cell Repertoire in Mouse Atherosclerosis Defined by Single-Cell RNA-Sequencing and Mass Cytometry. <i>Circulation Research</i> , <b>2018</b> , 122, 1675-1688	15.7	212
175	Formation of a left atrial thrombus during percutaneous mitral valve edge-to-edge repair induced by acute reduction of mitral regurgitation. <i>Journal of Cardiology Cases</i> , <b>2018</b> , 17, 33-35	0.6	3
174	Genotype-Phenotype Association and Impact on Outcomes following Guided De-Escalation of Anti-Platelet Treatment in Acute Coronary Syndrome Patients: The TROPICAL-ACS Genotyping Substudy. <i>Thrombosis and Haemostasis</i> , <b>2018</b> , 118, 1656-1667	7	17
173	Individualized antithrombotic therapy in high-risk cardiovascular patients. <i>Personalized Medicine</i> , <b>2018</b> , 15, 223-236	2.2	0
172	Prognostic Value of Atrial Fibrillation Inducibility in Patients Without History of Clinical Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , <b>2018</b> , 11, 1837	0.8	0
171	Nocturnal respiratory rate as a predictor of mortality in patients with acute coronary syndrome. <i>Open Heart</i> , <b>2018</b> , 5, e000887	3	1
170	Mitral Valve Endocarditis due to. <i>Case Reports in Medicine</i> , <b>2018</b> , 2018, 8613948	0.7	4
169	Atherosclerosis. <i>Circulation Research</i> , <b>2018</b> , 123, 1118-1120	15.7	136
168	Previous TAVR in patients undergoing percutaneous edge-to-edge mitral valve repair (PMVR) affects improvement of MR. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205930	3.7	3
167	A shear-dependent NO-cGMP-cGKI cascade in platelets acts as an auto-regulatory brake of thrombosis. <i>Nature Communications</i> , <b>2018</b> , 9, 4301	17.4	16

166	Relative survival potential of platelets is associated with platelet CXCR4/CXCR7 surface exposure and functional recovery following STEMI. <i>Atherosclerosis</i> , <b>2018</b> , 278, 269-277	3.1	9
165	Heterotrimeric G-protein subunit G $\beta$ contributes to agonist-sensitive apoptosis and degranulation in murine platelets. <i>Physiological Reports</i> , <b>2018</b> , 6, e13841	2.6	3
164	Myocardial expression of the anaphylatoxin receptor C3aR is associated with cardiac inflammation and prognosis in patients with non-ischaemic heart failure. <i>ESC Heart Failure</i> , <b>2018</b> , 5, 846-857	3.7	5
163	Antiplatelet Treatment for Catheter-Based Interventions in High-Risk Patients: Current Guidelines and Expert Opinion. <i>Hamostaseologie</i> , <b>2018</b> , 38, 229-235	1.9	1
162	Inhibitory mechanisms of very low-dose rivaroxaban in non-ST-elevation myocardial infarction. <i>Blood Advances</i> , <b>2018</b> , 2, 715-730	7.8	24
161	Identification of key lipids critical for platelet activation by comprehensive analysis of the platelet lipidome. <i>Blood</i> , <b>2018</b> , 132, e1-e12	2.2	45
160	Percutaneous Edge-to-Edge Mitral Valve Repair Using the New MitraClip XTR System. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, e93-e95	5	11
159	Circulating MicroRNA-21 Correlates With Left Atrial Low-Voltage Areas and Is Associated With Procedure Outcome in Patients Undergoing Atrial Fibrillation Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2018</b> , 11, e006242	6.4	23
158	Functional Relevance of the Anaphylatoxin Receptor C3aR for Platelet Function and Arterial Thrombus Formation Marks an Intersection Point Between Innate Immunity and Thrombosis. <i>Circulation</i> , <b>2018</b> , 138, 1720-1735	16.7	52
157	Thrombus aspiration in non-ST-elevation myocardial infarction - 12-month clinical outcome of the randomised TATORT-NSTEMI trial. <i>European Heart Journal: Acute Cardiovascular Care</i> , <b>2017</b> , 6, 10-17	4.3	12
156	Immediate increase of cardiac output after percutaneous mitral valve repair (PMVR) determined by echocardiographic and invasive parameters: Patzelt: Increase of cardiac output after PMVR. <i>International Journal of Cardiology</i> , <b>2017</b> , 236, 356-362	3.2	9
155	Platelets as a Novel Source of Pro-Inflammatory Chemokine CXCL14. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 1684-1696	3.9	11
154	Histopathological and Immunological Characteristics of Tachycardia-Induced Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 2160-2172	15.1	56
153	Doxepin inhibits GPVI-dependent platelet Ca signaling and collagen-dependent thrombus formation. <i>American Journal of Physiology - Cell Physiology</i> , <b>2017</b> , 312, C765-C774	5.4	5
152	Percutaneous Mitral Valve Edge-to-Edge Repair Assisted by Hemodynamic Support Devices: A Case Series of Bailout Procedures. <i>Circulation: Heart Failure</i> , <b>2017</b> , 10,	7.6	6
151	Regulation of oxidized platelet lipidome: implications for coronary artery disease. <i>European Heart Journal</i> , <b>2017</b> , 38, 1993-2005	9.5	58
150	NFAT5-sensitive Orai1 expression and store-operated Ca entry in megakaryocytes. <i>FASEB Journal</i> , <b>2017</b> , 31, 3439-3448	0.9	12
149	Involvement Of Vascular Aldosterone Synthase In Phosphate-Induced Osteogenic Transformation Of Vascular Smooth Muscle Cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 2059	4.9	41



148	Cardiac MRI left ventricular global function index and quantitative late gadolinium enhancement in unrecognized myocardial infarction. <i>European Journal of Radiology</i> , <b>2017</b> , 92, 11-16	4.7	5
147	Percutaneous Mitral Valve Edge-to-Edge Repair Using Volume Intracardiac Echocardiography-First in Human Experience. <i>Case</i> , <b>2017</b> , 1, 41-43	0.5	6
146	Percutaneous Transfemoral Tricuspid Valve Edge-to-Edge Repair: A Case Series. <i>Circulation: Heart Failure</i> , <b>2017</b> , 10,	7.6	3
145	The NLRP3 inflammasome and bruton $\beta$ tyrosine kinase in platelets co-regulate platelet activation, aggregation, and in vitro thrombus formation. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 483, 230-236	3.4	50
144	Inhibition of miR-208b improves cardiac function in titin-based dilated cardiomyopathy. <i>International Journal of Cardiology</i> , <b>2017</b> , 230, 634-641	3.2	26
143	HMGB1 Expression Level in Circulating Platelets is not Significantly Associated with Outcomes in Symptomatic Coronary Artery Disease. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 43, 1627-1633	3.9	5
142	Dysregulated IER3 Expression is Associated with Enhanced Apoptosis in Titin-Based Dilated Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	8
141	Deceleration capacity of heart rate predicts 1-year mortality of patients undergoing transcatheter aortic valve implantation. <i>Clinical Cardiology</i> , <b>2017</b> , 40, 919-924	3.3	11
140	CK2 $\beta$ regulates thrombopoiesis and Ca-triggered platelet activation in arterial thrombosis. <i>Blood</i> , <b>2017</b> , 130, 2774-2785	2.2	25
139	Cre/lox-assisted non-invasive in vivo tracking of specific cell populations by positron emission tomography. <i>Nature Communications</i> , <b>2017</b> , 8, 444	17.4	28
138	Natural variation of macrophage activation as disease-relevant phenotype predictive of inflammation and cancer survival. <i>Nature Communications</i> , <b>2017</b> , 8, 16041	17.4	58
137	P38 Kinase, SGK1 and NF- $\kappa$ B Dependent Up-Regulation of Na <sup>+</sup> /Ca <sup>2+</sup> Exchanger Expression and Activity Following TGF $\beta$ Treatment of Megakaryocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 2169-2181	3.9	5
136	ADPase CD39 Fused to Glycoprotein VI-Fc Boosts Local Antithrombotic Effects at Vascular Lesions. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	14
135	Comparison of Deep Sedation With General Anesthesia in Patients Undergoing Percutaneous Mitral Valve Repair. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	15
134	Thrombin-induced cytoskeleton dynamics in spread human platelets observed with fast scanning ion conductance microscopy. <i>Scientific Reports</i> , <b>2017</b> , 7, 4810	4.9	32
133	Imaging characteristics of cardiac metastases in patients with malignant melanoma. <i>Cancer Imaging</i> , <b>2017</b> , 17, 19	5.6	8
132	Clinical significance of receptor shedding-platelet GPVI as an emerging diagnostic and therapeutic tool. <i>Platelets</i> , <b>2017</b> , 28, 362-371	3.6	20
131	Platelets as a novel source of Gremlin-1: Implications for thromboinflammation. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 311-324	7	7

130	Extracellular Cyclophilin A Augments Platelet-Dependent Thrombosis and Thromboinflammation. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 2063-2078	7	9
129	SGK1 up-regulates Orai1 expression and VSMC migration during neointima formation after arterial injury. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 1002-1005	7	6
128	Sequential Venous Percutaneous Transluminal Angioplasty and Balloon Dilatation of the Interatrial Septum during Percutaneous Edge-to-Edge Mitral Valve Repair. <i>Case Reports in Cardiology</i> , <b>2017</b> , 2017, 3652413	0.6	
127	Cardiovascular magnetic resonance patterns of biopsy proven cardiac involvement in systemic sclerosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2016</b> , 18, 70	6.9	26
126	Periprocedural platelet inhibition with cangrelor in P2Y-inhibitor naïve patients with acute coronary syndromes - A matched-control pharmacodynamic comparison in real-world patients. <i>International Journal of Cardiology</i> , <b>2016</b> , 223, 848-851	3.2	11
125	Evidence of an interaction between TGF- $\beta$ and the SDF-1/CXCR4/CXCR7 axis in human platelets. <i>Thrombosis Research</i> , <b>2016</b> , 144, 79-84	8.2	11
124	Signal decay mapping of myocardial edema using dual-contrast fast spin-echo MRI. <i>Journal of Magnetic Resonance Imaging</i> , <b>2016</b> , 44, 186-93	5.6	7
123	Comparative morphology analysis of live blood platelets using scanning ion conductance and robotic dark-field microscopy. <i>Platelets</i> , <b>2016</b> , 27, 541-6	3.6	15
122	PDK1 Determines Collagen-Dependent Platelet Ca <sup>2+</sup> Signaling and Is Critical to Development of Ischemic Stroke In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 1507-16	9.4	19
121	Resistance to renal denervation therapy - Identification of underlying mechanisms by analysis of differential DNA methylation. <i>IJC Heart and Vasculature</i> , <b>2016</b> , 11, 80-86	2.4	
120	Clinical outcome and paravalvular leakage of the new balloon-expandable Edwards Sapien 3 valve in comparison to its predecessor model (Edwards Sapien XT) in patients undergoing transfemoral aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , <b>2016</b> , 88, 466-75	2.7	12
119	Effects of Mechanical Ventilation on Heart Geometry and Mitral Valve Leaflet Coaptation During Percutaneous Edge-to-Edge Mitral Valve Repair. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 151-9	5	23
118	Vascular risk levels affect the predictive value of platelet reactivity for the occurrence of MACE in patients on clopidogrel. Systematic review and meta-analysis of individual patient data. <i>Thrombosis and Haemostasis</i> , <b>2016</b> , 115, 844-55	7	26
117	Platelet bound oxLDL shows an inverse correlation with plasma anaphylatoxin C5a in patients with coronary artery disease. <i>Platelets</i> , <b>2016</b> , 27, 593-597	3.6	9
116	CCR5+T-bet+FoxP3+ Effector CD4 T Cells Drive Atherosclerosis. <i>Circulation Research</i> , <b>2016</b> , 118, 1540-52	15.7	68
115	AMP-activated protein kinase $\beta$ -sensitive activation of AP-1 in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 97, 36-43	5.8	12
114	Percutaneous Mitral Valve Edge-to-Edge Repair With Simultaneous Biatrial Intracardiac Echocardiography: First-in-Human Experience. <i>Circulation</i> , <b>2016</b> , 133, 1517-9	16.7	8
113	A case of very late single leaflet detachment after percutaneous edge-to-edge mitral valve repair (PMVR). <i>International Journal of Cardiology</i> , <b>2016</b> , 221, 419-21	3.2	1



112	Platelet-derived high-mobility group box 1 promotes recruitment and suppresses apoptosis of monocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 478, 143-148	3-4	35
111	High Plasma Levels of Gremlin-1 and Macrophage Migration Inhibitory Factor, but Not Their Ratio, Indicate an Increased Risk for Acute Coronary Syndrome in Patients With Type 2 Diabetes Mellitus. <i>Clinical Cardiology</i> , <b>2016</b> , 39, 201-6	3-3	9
110	Extracellular cyclophilin A activates platelets via EMMPRIN (CD147) and PI3K/Akt signaling, which promotes platelet adhesion and thrombus formation in vitro and in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 655-63	9-4	60
109	Pivotal role of serum- and glucocorticoid-inducible kinase 1 in vascular inflammation and atherogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 547-57	9-4	42
108	HGF Guides T Cells into the Heart. <i>Immunity</i> , <b>2015</b> , 42, 979-81	32-3	4
107	Beyond vascular inflammation--recent advances in understanding atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , <b>2015</b> , 72, 3853-69	10-3	46
106	Sildenafil Does Not Prevent Heart Hypertrophy and Fibrosis Induced by Cardiomyocyte Angiotensin II Type 1 Receptor Signaling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2015</b> , 354, 406-16	4-7	14
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