

Christian Jung

List of Publications by Citations

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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.

294
papers

5,172
citations

34
h-index

59
g-index

334
ext. papers

6,967
ext. citations

4.6
avg, IF

5.69
L-index

#	Paper	IF	Citations
294	The genome of <i>Chenopodium quinoa</i> . <i>Nature</i> , 2017 , 542, 307-312	50.4	345
293	Percutaneous left-ventricular support with the Impella-2.5-assist device in acute cardiogenic shock: results of the Impella-EUROSHOCK-registry. <i>Circulation: Heart Failure</i> , 2013 , 6, 23-30	7.6	220
292	Arginase as a potential target in the treatment of cardiovascular disease: reversal of arginine steal?. <i>Cardiovascular Research</i> , 2013 , 98, 334-43	9.9	204
291	The impact of frailty on ICU and 30-day mortality and the level of care in very elderly patients (≥80 years). <i>Intensive Care Medicine</i> , 2017 , 43, 1820-1828	14.5	184
290	Outcomes of transcatheter mitral valve replacement for degenerated bioprostheses, failed annuloplasty rings, and mitral annular calcification. <i>European Heart Journal</i> , 2019 , 40, 441-451	9.5	158
289	Arginase inhibition improves endothelial function in patients with coronary artery disease and type 2 diabetes mellitus. <i>Circulation</i> , 2012 , 126, 2943-50	16.7	144
288	Transcatheter Aortic Valve Replacement in Pure Native Aortic Valve Regurgitation. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2752-2763	15.1	117
287	The contribution of frailty, cognition, activity of daily life and comorbidities on outcome in acutely admitted patients over 80 years in European ICUs: the VIP2 study. <i>Intensive Care Medicine</i> , 2020 , 46, 57-69	14.5	101
286	Arginase inhibition mediates cardioprotection during ischaemia-reperfusion. <i>Cardiovascular Research</i> , 2010 , 85, 147-54	9.9	97
285	International study on microcirculatory shock occurrence in acutely ill patients. <i>Critical Care Medicine</i> , 2015 , 43, 48-56	1.4	95
284	Circulating endothelial and platelet derived microparticles reflect the size of myocardium at risk in patients with ST-elevation myocardial infarction. <i>Atherosclerosis</i> , 2012 , 221, 226-31	3.1	87
283	Predictors of favourable outcome after in-hospital cardiac arrest treated with extracorporeal cardiopulmonary resuscitation: A systematic review and meta-analysis. <i>Resuscitation</i> , 2017 , 121, 62-70	4	76
282	Survival Benefits of Invasive Versus Conservative Strategies in Heart Failure in Patients With Reduced Ejection Fraction and Coronary Artery Disease: A Meta-Analysis. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	75
281	Prognostic relevance of serum lactate kinetics in critically ill patients. <i>Intensive Care Medicine</i> , 2019 , 45, 55-61	14.5	62
280	Withholding or withdrawing of life-sustaining therapy in older adults (≥80 years) admitted to the intensive care unit. <i>Intensive Care Medicine</i> , 2018 , 44, 1027-1038	14.5	62
279	Interventional Treatment of Severe Tricuspid Regurgitation: Early Clinical Experience in a Multicenter, Observational, First-in-Man Study. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e006061	6	59
278	Arginase inhibition restores in vivo coronary microvascular function in type 2 diabetic rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H1174-81	5.2	59

277	Local arginase inhibition during early reperfusion mediates cardioprotection via increased nitric oxide production. <i>PLoS ONE</i> , 2012 , 7, e42038	3.7	51
276	Rivaroxaban Reduces Arterial Thrombosis by Inhibition of FXa-Driven Platelet Activation via Protease Activated Receptor-1. <i>Circulation Research</i> , 2020 , 126, 486-500	15.7	48
275	Increased arginase levels in heart failure represent a therapeutic target to rescue microvascular perfusion. <i>Clinical Hemorheology and Microcirculation</i> , 2013 , 54, 75-85	2.5	46
274	Multibiomarker analysis in patients with acute myocardial infarction. <i>European Journal of Clinical Investigation</i> , 2017 , 47, 638-648	4.6	44
273	Different subpopulations of endothelial progenitor cells and circulating apoptotic progenitor cells in patients with vascular disease and diabetes. <i>International Journal of Cardiology</i> , 2010 , 143, 368-72	3.2	44
272	Red blood cell distribution width as useful tool to predict long-term mortality in patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2011 , 152, 417-8	3.2	43
271	Evaluation of the sublingual microcirculation in cardiogenic shock. <i>Clinical Hemorheology and Microcirculation</i> , 2009 , 42, 141-8	2.5	43
270	Acute microflow changes after stop and restart of intra-aortic balloon pump in cardiogenic shock. <i>Clinical Research in Cardiology</i> , 2009 , 98, 469-75	6.1	43
269	Recruitment of circulating dendritic cell precursors into the infarcted myocardium and pro-inflammatory response in acute myocardial infarction. <i>Clinical Science</i> , 2012 , 123, 387-98	6.5	40
268	Blood Urea Nitrogen (BUN) is independently associated with mortality in critically ill patients admitted to ICU. <i>PLoS ONE</i> , 2018 , 13, e0191697	3.7	40
267	The Latest Evolution of the Medtronic CoreValve System in the Era of Transcatheter Aortic Valve Replacement: Matched Comparison of the Evolut PRO and Evolut R. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 2314-2322	5	40
266	Glenosphere size in reverse shoulder arthroplasty: is larger better for external rotation and abduction strength?. <i>Journal of Shoulder and Elbow Surgery</i> , 2018 , 27, 44-52	4.3	39
265	Outcome predictors in cardiopulmonary resuscitation facilitated by extracorporeal membrane oxygenation. <i>Clinical Research in Cardiology</i> , 2016 , 105, 196-205	6.1	37
264	Circulating levels of interleukin-1 family cytokines in overweight adolescents. <i>Mediators of Inflammation</i> , 2010 , 2010, 958403	4.3	37
263	Endothelial progenitor cells in adolescents: impact of overweight, age, smoking, sport and cytokines in younger age. <i>Clinical Research in Cardiology</i> , 2009 , 98, 179-88	6.1	36
262	Microvascular tissue perfusion is impaired in acutely decompensated heart failure and improves following standard treatment. <i>European Journal of Heart Failure</i> , 2011 , 13, 711-7	12.3	35
261	A comparative analysis of novel cardiovascular biomarkers in patients with chronic heart failure. <i>European Journal of Internal Medicine</i> , 2017 , 44, 31-38	3.9	34
260	Intraaortic balloon counterpulsation and microcirculation in cardiogenic shock complicating myocardial infarction: an IABP-SHOCK II substudy. <i>Clinical Research in Cardiology</i> , 2015 , 104, 679-87	6.1	34

259	Clinical Frailty Scale (CFS) reliably stratifies octogenarians in German ICUs: a multicentre prospective cohort study. <i>BMC Geriatrics</i> , 2018 , 18, 162	4.1	34
258	Mechanical circulatory support with Impella versus intra-aortic balloon pump or medical treatment in cardiogenic shock-a critical appraisal of current data. <i>Clinical Research in Cardiology</i> , 2019 , 108, 1249-1257	6.1	32
257	Pulmonary hypertension associated with left heart disease: Updated Recommendations of the Cologne Consensus Conference 2018. <i>International Journal of Cardiology</i> , 2018 , 272S, 53-62	3.2	32
256	Simulated temporary hypoxia triggers the release of CD31+/Annexin+ endothelial microparticles: A prospective pilot study in humans. <i>Clinical Hemorheology and Microcirculation</i> , 2015 , 61, 83-90	2.5	32
255	Anthropometric indices as predictors of the metabolic syndrome and its components in adolescents. <i>Pediatrics International</i> , 2010 , 52, 402-9	1.2	32
254	Regenerative Cardiovascular Therapies: Stem Cells and Beyond. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	31
253	Mild Hypothermia in Cardiogenic Shock Complicating Myocardial Infarction. <i>Circulation</i> , 2019 , 139, 448-457	5.7	31
252	Microcirculation in cardiogenic shock: from scientific bystander to therapy target. <i>Critical Care</i> , 2010 , 14, 193	10.8	31
251	The Emerging Role of Arginase in Endothelial Dysfunction in Diabetes. <i>Current Vascular Pharmacology</i> , 2016 , 14, 155-62	3.3	30
250	The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study. <i>Critical Care</i> , 2021 , 25, 149	10.8	30
249	Survival does not improve when therapeutic hypothermia is added to post-cardiac arrest care. <i>Resuscitation</i> , 2011 , 82, 1168-73	4	29
248	Model for End-stage Liver Disease excluding INR (MELD-XI) score in critically ill patients: Easily available and of prognostic relevance. <i>PLoS ONE</i> , 2017 , 12, e0170987	3.7	28
247	The Lactate/Albumin Ratio: A Valuable Tool for Risk Stratification in Septic Patients Admitted to ICU. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	27
246	MicroRNAs in Inflammatory Heart Diseases and Sepsis-Induced Cardiac Dysfunction: A Potential Scope for the Future?. <i>Cells</i> , 2019 , 8,	7.9	27
245	Matrix metalloproteinase-9, tissue inhibitor of metalloproteinase-1, B+ tenascin-C and ED-A+ fibronectin in dilated cardiomyopathy: potential impact on disease progression and patients' prognosis. <i>International Journal of Cardiology</i> , 2013 , 168, 5344-51	3.2	26
244	Evaluation of the microcirculation in critically ill patients. <i>Clinical Hemorheology and Microcirculation</i> , 2015 , 61, 213-24	2.5	26
243	Heterotopic valve replacement as an interventional approach to tricuspid regurgitation. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 499-500	15.1	26
242	Association of waist circumference, traditional cardiovascular risk factors, and stromal-derived factor-1 in adolescents. <i>Pediatric Diabetes</i> , 2009 , 10, 329-35	3.6	26

241	Evaluation of the microcirculation during extracorporeal membrane-oxygenation. <i>Clinical Hemorheology and Microcirculation</i> , 2008 , 40, 311-314	2.5	26
240	AME evidence series 001-The Society for Translational Medicine: clinical practice guidelines for diagnosis and early identification of sepsis in the hospital. <i>Journal of Thoracic Disease</i> , 2016 , 8, 2654-2665	2.6	25
239	Differential recruitment of CD44 isoforms by ErbB ligands reveals an involvement of CD44 in breast cancer. <i>Oncogene</i> , 2018 , 37, 1472-1484	9.2	24
238	Impairment of the endothelial glycocalyx in cardiogenic shock and its prognostic relevance. <i>Shock</i> , 2015 , 43, 450-5	3.4	24
237	Transcatheter aortic valve replacement for pure aortic valve regurgitation: "on-label" versus "off-label" use of TAVR devices. <i>Clinical Research in Cardiology</i> , 2019 , 108, 921-930	6.1	23
236	Stent coverage and neointimal proliferation in bare metal stents postdilated with a Paclitaxel-eluting balloon versus everolimus-eluting stents: prospective randomized study using optical coherence tomography at 6-month follow-up. <i>Circulation: Cardiovascular Interventions</i> , 2014 , 7, 718-7	6	23
235	Incidence, laboratory detection and prognostic relevance of hypoxic hepatitis in cardiogenic shock. <i>Clinical Research in Cardiology</i> , 2017 , 106, 341-349	6.1	22
234	A comparison of very old patients admitted to intensive care unit after acute versus elective surgery or intervention. <i>Journal of Critical Care</i> , 2019 , 52, 141-148	4	21
233	The hospital frailty risk score is of limited value in intensive care unit patients. <i>Critical Care</i> , 2019 , 23, 239	10.8	21
232	Arterial Lactate in Cardiogenic Shock: Prognostic Value of Clearance Versus Single Values. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2208-2216	5	21
231	Tenascin-C in cardiovascular remodeling: potential impact for diagnosis, prognosis estimation and targeted therapy. <i>Cell Adhesion and Migration</i> , 2015 , 9, 90-5	3.2	20
230	Mildly elevated lactate levels are associated with microcirculatory flow abnormalities and increased mortality: a microSOAP post hoc analysis. <i>Critical Care</i> , 2017 , 21, 255	10.8	20
229	Pumpless extracorporeal lung assist for the treatment of severe, refractory status asthmaticus. <i>Journal of Asthma</i> , 2011 , 48, 111-3	1.9	20
228	Reliability of the Clinical Frailty Scale in very elderly ICU patients: a prospective European study. <i>Annals of Intensive Care</i> , 2021 , 11, 22	8.9	20
227	Soluble ST2 predicts 1-year outcome in patients undergoing transcatheter aortic valve implantation. <i>European Journal of Clinical Investigation</i> , 2017 , 47, 149-157	4.6	19
226	Blood urea nitrogen (BUN) independently predicts mortality in critically ill patients admitted to ICU: A multicenter study. <i>Clinical Hemorheology and Microcirculation</i> , 2018 , 69, 123-131	2.5	19
225	Detection of irregular patterns of myocardial contraction in patients with hypertensive heart disease: a two-dimensional ultrasound speckle tracking study. <i>Journal of Hypertension</i> , 2011 , 29, 2255-64	1.9	19
224	Impact of short-term systemic hypoxia on phagocytosis, cytokine production, and transcription factor activation in peripheral blood cells. <i>Mediators of Inflammation</i> , 2011 , 2011, 429501	4.3	19

223	Combined Impella and intra-aortic balloon pump support to improve macro- and microcirculation: a clinical case. <i>Clinical Research in Cardiology</i> , 2008 , 97, 849-50	6.1	19
222	Analysis of Novel Cardiovascular Biomarkers in Patients With Pulmonary Hypertension (PH). <i>Heart Lung and Circulation</i> , 2020 , 29, 337-344	1.8	19
221	Transcatheter valve-in-valve implantation (VinV-TAVR) for failed surgical aortic bioprosthetic valves. <i>Clinical Research in Cardiology</i> , 2019 , 108, 83-92	6.1	18
220	Navigating the "Optimal Implantation Depth" With a Self-Expandable TAVR Device in Daily Clinical Practice. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 679-688	5	18
219	Culprit lesion location and outcome in patients with cardiogenic shock complicating myocardial infarction: a substudy of the IABP-SHOCK II-trial. <i>Clinical Research in Cardiology</i> , 2016 , 105, 1030-1041	6.1	18
218	Lactate Clearance Predicts Good Neurological Outcomes in Cardiac Arrest Patients Treated with Extracorporeal Cardiopulmonary Resuscitation. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	17
217	Anaemia is associated with severe RBC dysfunction and a reduced circulating NO pool: vascular and cardiac eNOS are crucial for the adaptation to anaemia. <i>Basic Research in Cardiology</i> , 2020 , 115, 43	11.8	17
216	Microparticles in patients undergoing transcatheter aortic valve implantation (TAVI). <i>Heart and Vessels</i> , 2017 , 32, 458-466	2.1	17
215	Increased arginase levels contribute to impaired perfusion after cardiopulmonary resuscitation. <i>European Journal of Clinical Investigation</i> , 2014 , 44, 965-71	4.6	17
214	Effect of intra-aortic balloon pump support on microcirculation during high-risk percutaneous intervention. <i>Perfusion (United Kingdom)</i> , 2009 , 24, 417-21	1.9	17
213	Red cell distribution width and survival in patients hospitalized on a medical ICU. <i>Clinical Biochemistry</i> , 2015 , 48, 1048-52	3.5	16
212	Impact of diabetes mellitus and its complications: survival and quality-of-life in critically ill patients. <i>Journal of Diabetes and Its Complications</i> , 2015 , 29, 1130-5	3.2	16
211	The good, the bad and the ugly: pandemic priority decisions and triage. <i>Journal of Medical Ethics</i> , 2020 ,	2.5	16
210	Prognostic relevance of heart rate at rest for survival and the quality of life in patients with dilated cardiomyopathy. <i>Clinical Research in Cardiology</i> , 2012 , 101, 701-7	6.1	16
209	The association between endothelial microparticles and inflammation in patients with systemic sclerosis and Raynaud's phenomenon as detected by functional imaging. <i>Clinical Hemorheology and Microcirculation</i> , 2015 , 61, 549-57	2.5	16
208	Cumulative Prognostic Score Predicting Mortality in Patients Older Than 80 Years Admitted to the ICU. <i>Journal of the American Geriatrics Society</i> , 2019 , 67, 1263-1267	5.6	15
207	Two CONSTANS-LIKE genes jointly control flowering time in beet. <i>Scientific Reports</i> , 2018 , 8, 16120	4.9	15
206	Arginase Inhibition Reverses Monocrotaline-Induced Pulmonary Hypertension. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	14

205	Syndecan-1 Predicts Outcome in Patients with ST-Segment Elevation Infarction Independent from Infarct-related Myocardial Injury. <i>Scientific Reports</i> , 2019 , 9, 18367	4.9	14
204	Influences of Ivabradine treatment on serum levels of cardiac biomarkers sST2, GDF-15, suPAR and H-FABP in patients with chronic heart failure. <i>Acta Pharmacologica Sinica</i> , 2018 , 39, 1189-1196	8	14
203	Huge variation in obtaining ethical permission for a non-interventional observational study in Europe. <i>BMC Medical Ethics</i> , 2019 , 20, 39	2.9	13
202	Early management of sepsis with emphasis on early goal directed therapy: AME evidence series 002. <i>Journal of Thoracic Disease</i> , 2017 , 9, 392-405	2.6	13
201	Predictive value of the augmentation index derived vascular age in patients with newly diagnosed atherosclerosis. <i>Heart and Vessels</i> , 2017 , 32, 252-259	2.1	13
200	Targeted delivery of interleukin-10 to chronic cardiac allograft rejection using a human antibody specific to the extra domain A of fibronectin. <i>International Journal of Cardiology</i> , 2015 , 195, 311-22	3.2	13
199	Providing macro- and microcirculatory support with the Lifebridge System during high-risk PCI in cardiogenic shock. <i>Heart Lung and Circulation</i> , 2009 , 18, 296-8	1.8	13
198	Digital X-ray radiogrammetry and its sensitivity and specificity for the identification of rheumatoid arthritis-related cortical hand bone loss. <i>Journal of Bone and Mineral Metabolism</i> , 2017 , 35, 192-198	2.9	12
197	Acidosis predicts mortality independently from hyperlactatemia in patients with sepsis. <i>European Journal of Internal Medicine</i> , 2020 , 76, 76-81	3.9	12
196	De novo expression of fetal ED-A(+) fibronectin and B (+) tenascin-C splicing variants in human cardiac allografts: potential impact for targeted therapy of rejection. <i>Journal of Molecular Histology</i> , 2014 , 45, 519-32	3.3	12
195	Endothelial progenitor cells in relation to endothelin-1 and endothelin receptor blockade: a randomized, controlled trial. <i>International Journal of Cardiology</i> , 2013 , 168, 1017-22	3.2	12
194	Selective imaging of chronic cardiac rejection using a human antibody specific to the alternatively spliced EDA domain of fibronectin. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 641-50	5.8	12
193	Increased levels of circulating arginase I in overweight compared to normal weight adolescents. <i>Pediatric Diabetes</i> , 2014 , 15, 51-6	3.6	12
192	Cardiotrophin-1 in adolescents: impact of obesity and blood pressure. <i>Hypertension</i> , 2008 , 52, e6; author reply e7	8.5	12
191	Hyperglycemia in septic patients: an essential stress survival response in all, a robust marker for risk stratification in some, to be messed with in none. <i>Journal of Thoracic Disease</i> , 2016 , 8, E621-4	2.6	12
190	Regulation of red blood cell deformability is independent of red blood cell-nitric oxide synthase under hypoxia. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 63, 199-215	2.5	12
189	Disease-specific characteristics of vascular cell adhesion molecule-1 levels in patients with peripheral artery disease. <i>Heart and Vessels</i> , 2019 , 34, 976-983	2.1	12
188	Evaluation of Exposure Assessment Tools under REACH: Part I-Tier 1 Tools. <i>Annals of Work Exposures and Health</i> , 2019 , 63, 218-229	2.4	12

187	Inhibitors of the renin-angiotensin-aldosterone system and COVID-19 in critically ill elderly patients. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021 , 7, 76-77	6.4	12
186	Drug-eluting stents versus bare-metal stents in acute myocardial infarction with cardiogenic shock. <i>Heart</i> , 2017 , 103, 1177-1184	5.1	11
185	Model for End-Stage Liver Disease Excluding INR (MELD-XI) score is associated with hemodynamic impairment and predicts mortality in critically ill patients. <i>European Journal of Internal Medicine</i> , 2018 , 51, 80-84	3.9	11
184	Tricuspid Regurgitation - Medical Management and Evolving Interventional Concepts. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 49	5.4	11
183	Fluorescence optical imaging as a novel technique for the visualisation of inflammation in patients with systemic sclerosis with Raynaud's phenomenon: a pilot study. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 1279-80	2.4	11
182	Are we ever too old?: Characteristics and outcome of octogenarians admitted to a medical intensive care unit. <i>Medicine (United States)</i> , 2017 , 96, e7776	1.8	11
181	Elevated plasma levels of interleukin-16 in patients with acute myocardial infarction. <i>Medicine (United States)</i> , 2017 , 96, e8396	1.8	11
180	Elevated plasma levels of interleukin-12p40 and interleukin-16 in overweight adolescents. <i>BioMed Research International</i> , 2015 , 2015, 940910	3	11
179	Assessment of microcirculation in cardiogenic shock. <i>Current Opinion in Critical Care</i> , 2019 , 25, 410-416	3.5	11
178	Evaluation of the microcirculation during extracorporeal membrane-oxygenation. <i>Clinical Hemorheology and Microcirculation</i> , 2008 , 40, 311-4	2.5	11
177	Stem Cell Therapy for Myocardial Infarction 2001-2013 Revisited. <i>Stem Cell Reviews and Reports</i> , 2015 , 11, 743-51	6.4	10
176	Dual vs single antiplatelet therapy in patients with lower extremity peripheral artery disease - A meta-analysis. <i>International Journal of Cardiology</i> , 2018 , 269, 292-297	3.2	10
175	Impact of acute normobaric hypoxia on regional and global myocardial function: a speckle tracking echocardiography study. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 561-70	2.5	10
174	"Smoker's paradox" in patients with cardiogenic shock complicating myocardial infarction - A substudy of the IABP-SHOCK II-trial and registry. <i>International Journal of Cardiology</i> , 2016 , 222, 775-779	3.2	10
173	Machine learning predicts mortality in septic patients using only routinely available ABG variables: a multi-centre evaluation. <i>International Journal of Medical Informatics</i> , 2021 , 145, 104312	5.3	10
172	Expression of the Novel Cardiac Biomarkers sST2, GDF-15, suPAR, and H-FABP in HFpEF Patients Compared to ICM, DCM, and Controls. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	9
171	Decrease in circulating plasmacytoid dendritic cells during short-term systemic normobaric hypoxia. <i>European Journal of Clinical Investigation</i> , 2016 , 46, 115-22	4.6	9
170	Dynamic coronary roadmapping during percutaneous coronary intervention: a feasibility study. <i>European Journal of Medical Research</i> , 2018 , 23, 36	4.8	9

169	Early diastolic strain rate predicts response to heart failure therapy in patients with dilated cardiomyopathy. <i>International Journal of Cardiovascular Imaging</i> , 2014 , 30, 505-13	2.5	9
168	Impact of diabetes mellitus on quality of life in patients with congestive heart failure. <i>Quality of Life Research</i> , 2012 , 21, 1171-6	3.7	9
167	Macrophage migration inhibitory factor is elevated in obese adolescents. <i>Archives of Physiology and Biochemistry</i> , 2012 , 118, 204-9	2.2	9
166	Impact of Systemic Normobaric Short-Term Hypoxia on Pro-Inflammatory and Anti-Inflammatory Cytokines in Healthy Volunteers. <i>Clinical Laboratory</i> , 2015 , 61, 1053-9	2	9
165	Specifics of fetuin-A levels in distinct types of chronic heart failure. <i>Journal of Clinical Laboratory Analysis</i> , 2018 , 32,	3	8
164	Endothelial progenitor cells and plaque burden in stented coronary artery segments: an optical coherence tomography study six months after elective PCI. <i>BMC Cardiovascular Disorders</i> , 2017 , 17, 103	2.3	8
163	Alterations in systemic levels of Th1, Th2, and Th17 cytokines in overweight adolescents and obese mice. <i>Pediatric Diabetes</i> , 2017 , 18, 714-721	3.6	8
162	The Application of Fluorescence Optical Imaging in Systemic Sclerosis. <i>BioMed Research International</i> , 2015 , 2015, 658710	3	8
161	Testosterone deficiency in male heart failure patients and its effect on endothelial progenitor cells. <i>Aging Male</i> , 2012 , 15, 180-6	2.1	8
160	High frequency of organ failures during extracorporeal membrane oxygenation: is the microcirculation the answer?. <i>Annals of Thoracic Surgery</i> , 2010 , 89, 345-6; author reply 346	2.7	8
159	Positive effect of eplerenone treatment on endothelial progenitor cells in patients with chronic heart failure. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2012 , 13, 401-6	3	8
158	Sepsis at ICU admission does not decrease 30-day survival in very old patients: a post-hoc analysis of the VIP1 multinational cohort study. <i>Annals of Intensive Care</i> , 2020 , 10, 56	8.9	8
157	Short-term dual antiplatelet therapy (DAPT) followed by P2Y12 monotherapy versus traditional DAPT in patients undergoing percutaneous coronary intervention: meta-analysis and viewpoint. <i>Journal of Thrombosis and Thrombolysis</i> , 2020 , 49, 173-176	5.1	8
156	The role of arginase in the microcirculation in cardiovascular disease. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 74, 79-92	2.5	8
155	Frailty is associated with long-term outcome in patients with sepsis who are over 80 years old: results from an observational study in 241 European ICUs. <i>Age and Ageing</i> , 2021 , 50, 1719-1727	3	8
154	Differential Impact of Hyperglycemia in Critically Ill Patients: Significance in Acute Myocardial Infarction but Not in Sepsis?. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	8
153	Prognostic value of impaired hepato-renal function assessed by the MELD-XI score in patients undergoing percutaneous mitral valve repair. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, 699-706	2.7	8
152	Prognostic implications of microcirculatory perfusion versus macrocirculatory perfusion in cardiogenic shock: a CULPRIT-SHOCK substudy. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020 , 9, 108-119	4.3	8

151	Regulation of MAP kinase-mediated endothelial dysfunction in hyperglycemia via arginase I and eNOS dysregulation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019 , 1866, 1398-1411	4.9	7
150	Analysis of human microcirculation in weightlessness: Study protocol and pre-study experiments. <i>Clinical Hemorheology and Microcirculation</i> , 2018 , 70, 119-127	2.5	7
149	Myocardial infarct size measurement using geometric angle calculation. <i>European Journal of Clinical Investigation</i> , 2014 , 44, 160-7	4.6	7
148	Effects of myocardial postconditioning on the recruitment of endothelial progenitor cells. <i>Journal of Interventional Cardiology</i> , 2012 , 25, 103-10	1.8	7
147	Efficacy of anthropometric measures for identifying cardiovascular disease risk in adolescents: review and meta-analysis. <i>Minerva Pediatrics</i> , 2018 , 70, 371-382	1.5	7
146	Acute effects of moderate altitude on biomarkers of cardiovascular inflammation and endothelial function and their differential modulation by dual endothelin receptor blockade. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 67, 101-113	2.5	7
145	Transient hypoxia leads to increased serum levels of heat shock protein-27, -70 and caspase-cleaved cytokeratin 18. <i>Clinical Laboratory</i> , 2014 , 60, 323-8	2	7
144	Insulin-like Growth Factor Binding Protein 2 predicts mortality risk in heart failure. <i>International Journal of Cardiology</i> , 2020 , 300, 245-251	3.2	7
143	Failure of Lactate Clearance Predicts the Outcome of Critically Ill Septic Patients. <i>Diagnostics</i> , 2020 , 10,	3.8	7
142	Increase of cortical cerebral blood flow and further cerebral microcirculatory effects of Serelaxin in a sheep model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H613-20	5.2	7
141	Intravital microscopy - A novel tool in characterizing congestive heart failure in experimental autoimmune myocarditis. <i>Clinical Hemorheology and Microcirculation</i> , 2015 , 63, 153-62	2.5	7
140	Retinal vessel regulation at high altitudes ¹ . <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 63, 281-92	2.5	7
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116	Feasibility, safety and effectiveness in measuring microvascular resistance with regadenoson. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 71, 299-310	2.5	5

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58	Transcatheter aortic valve implantation without prior balloon valvuloplasty is associated with less pronounced markers of myocardial injury. <i>Journal of Cardiovascular Surgery</i> , 2020 , 61, 243-249	0.7	2
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51	Percutaneous left ventricular assist support is associated with less pulmonary congestion and lower rate of pneumonia in patients with cardiogenic shock. <i>Open Heart</i> , 2020 , 7,	3	1
50	Response by Petzold et al to Letter Regarding Article, "Rivaroxaban Reduces Arterial Thrombosis by Inhibition of Fxa-Driven Platelet Activation via Protease Activated Receptor-1". <i>Circulation Research</i> , 2020 , 126, e116-e117	15.7	1
49	Extracorporeal life support system during cardiovascular procedures: Insights from the German Lifebridge registry. <i>Artificial Organs</i> , 2020 , 44, 1259-1266	2.6	1
48	Virtual reality device training for extracorporeal membrane oxygenation. <i>Critical Care</i> , 2020 , 24, 390	10.8	1
47	Poor glycemic control impairs the cardioprotective effects of red blood cells on myocardial ischemia/reperfusion injury. <i>Nitric Oxide - Biology and Chemistry</i> , 2020 , 97, 1-10	5	1
46	Excess Mortality in Aspirin and Dipyron (Metamizole) Co-Medicated in Patients With Cardiovascular Disease: A Nationwide Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e022299	6	1
45	Frailty as a Prognostic Indicator in Intensive Care. <i>Deutsches A&#x0308;rztblatt International</i> , 2020 , 117, 668-673	2.5	1
44	Management and outcomes in critically ill nonagenarian versus octogenarian patients. <i>BMC Geriatrics</i> , 2021 , 21, 576	4.1	1

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42	Frailty Assessment in Patients Undergoing Aortic Valve Replacement: Be Quick and Be Sure. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1965-1967	5	1
41	Influence of Macitentan on the Vascular Tone and Recruitment of Finger Capillaries Under Hypobaric Hypoxia in High Altitude. <i>High Altitude Medicine and Biology</i> , 2020 , 21, 336-345	1.9	1
40	Next-generation sequencing analysis of circulating micro-RNA expression in response to parabolic flight as a spaceflight analogue. <i>Npj Microgravity</i> , 2020 , 6, 31	5.3	1
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38	Propensity-Adjusted Comparison of Mortality of Elderly Versus Very Elderly Ventilated Patients. <i>Respiratory Care</i> , 2021 , 66, 814-821	2.1	1
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34	Predictors of calcification distribution in severe tricuspid aortic valve stenosis. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 2791-2799	2.5	1
33	Thinking fast and slow: lactate and MELD-XI (model for end-stage liver disease excluding INR) are useful for estimating mortality after cardiopulmonary resuscitation. <i>Minerva Anestesiologica</i> , 2021 , 87, 1017-1024	1.9	1
32	Impella in Cardiogenic Shock: Is it Time to Hit the Break?. <i>Shock</i> , 2021 , 55, 693-694	3.4	1
31	Factors associated with a high or low implantation of self-expanding devices in TAVR. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1930-1938	6.1	1
30	Differences in Mortality in Critically Ill Elderly Patients During the Second COVID-19 Surge in Europe. <i>SSRN Electronic Journal</i> ,	1	1
29	Short- and Mid-Term Outcomes in Patients Deemed Inoperable Undergoing Transapical and Transfemoral TAVR with an STS-PROM below Four Percent. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
28	ICU-Mortality in Old and Very Old Patients Suffering From Sepsis and Septic Shock. <i>Frontiers in Medicine</i> , 2021 , 8, 697884	4.9	1
27	Tumor necrosis factor alpha-an underestimated risk predictor in patients undergoing transcatheter aortic valve replacement (TAVR)?. <i>Journal of Clinical Laboratory Analysis</i> , 2021 , 35, e23977	3	1
26	Transcatheter Aortic Valve Implantation in High-Risk/Inoperable Patients: Repositionable versus Non-Repositionable Self-Expanding Valve. <i>Journal of Heart Valve Disease</i> , 2017 , 26, 405-412		1

25	Increased 30-day mortality in very old ICU patients with COVID-19 compared to patients with respiratory failure without COVID-19.. <i>Intensive Care Medicine</i> , 2022 , 48, 435	14.5	1
24	Time-dependent uncertainty of critical care transitions in very old patients - lessons for time-limited trials. <i>Journal of Critical Care</i> , 2022 , 71, 154067	4	1
23	The importance of revealing data on limitation of life sustaining therapy in critical ill elderly Covid-19 patients. <i>Journal of Critical Care</i> , 2021 , 67, 147-148	4	0
22	Iatrogenic atrial septal defect persistence after percutaneous mitral valve repair: a meta-analysis. <i>Acta Cardiologica</i> , 2021 , 1-11	0.9	0
21	Patients with severe aortic stenosis and coexisting pulmonary hypertension treated by transcatheter aortic valve replacement-Is there a need for increased attention?. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 1001-1008	2.7	0
20	Incidence of Acute Kidney Injury Is Lower in High-Risk Patients Undergoing Percutaneous Coronary Intervention Supported with Impella Compared to ECMO. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 1	3.3	0
19	Arginase 1 is upregulated at admission in patients with ST-elevation myocardial infarction. <i>Journal of Internal Medicine</i> , 2021 , 290, 1061-1070	10.8	0
18	Early evaluation of organ failure using MELD-XI in critically ill elderly COVID-19 patients. <i>Clinical Hemorheology and Microcirculation</i> , 2021 , 79, 109-120	2.5	0
17	Underweight but not overweight is associated with excess mortality in septic ICU patients. <i>Wiener Klinische Wochenschrift</i> , 2021 , 1	2.3	0
16	Sublingual microcirculation predicts survival after out-of-hospital cardiac arrest. <i>Microcirculation</i> , 2021 , 28, e12729	2.9	0
15	Prediction of one- and two-year mortality after transcatheter aortic valve implantation: proposal of a fast sum-score system integrating a novel biomarker of cardiac extracellular matrix accumulation and fibrosis.. <i>Reviews in Cardiovascular Medicine</i> , 2022 , 23, 62	3.9	0
14	The association of the Activities of Daily Living and the outcome of old intensive care patients suffering from COVID-19.. <i>Annals of Intensive Care</i> , 2022 , 12, 26	8.9	0
13	Testing House of God's Law VII: Was the Fat Man Right?. <i>Journal of Intensive Care Medicine</i> , 2020 , 35, 1141-1142	3.3	
12	Impella : an updated meta-analysis of available data and future outlook on applications in cardiogenic shock. <i>Wiener Klinische Wochenschrift</i> , 2020 , 132, 90-93	2.3	
11	Research update for articles published in EJCI in 2016. <i>European Journal of Clinical Investigation</i> , 2018 , 48, e13016	4.6	
10	Left ventricular noncompaction: cardiovascular magnetic resonance and echocardiographic imaging of a rare isolated midseptal form. <i>Clinical Cardiology</i> , 2009 , 32, E50-1	3.3	
9	The clinical frailty scale Does it predict outcome of the very-old in UK ICUs?. <i>Journal of the Intensive Care Society</i> , 175114372110507	1.6	
8	Comments to "Frailty is associated with hospital readmission in geriatric patients: a prognostic study" : Assessment of frailty in geriatric patients: let's keep it simple. <i>European Geriatric Medicine</i> , 2020 , 11, 885-886	3	

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6	No focus for bacteremia? Don't swallow it! An educational report of a rare sepsis presentation. <i>Archives of Medical Science</i> , 2020 , 16, 1491-1492	2.9
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4	Response by Petzold et al to Letter Regarding Article, "Rivaroxaban Reduces Arterial Thrombosis by Inhibition of FXa-Driven Platelet Activation via Protease Activated Receptor-1". <i>Circulation Research</i> , 2020 , 126, e54-e55	15.7
3	Serum levels of C-terminal FGF23 (cFGF23) are associated with 1-year-mortality in patients undergoing transcatheter aortic valve replacement (TAVR). <i>European Journal of Internal Medicine</i> , 2021 , 85, 98-107	3.9
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1	Management of intoxicated patients - a descriptive outcome analysis of 4,267 ICU patients.. <i>BMC Emergency Medicine</i> , 2022 , 22, 38	2.4