

Christian Jung

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.

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	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
293	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
292	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
291	Management of intoxicated patients - a descriptive outcome analysis of 4,267 ICU patients.. <i>BMC Emergency Medicine</i> , 2022 , 22, 38	2.4	
290	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
289	The relationship between treatment limitations and pressure on intensive care units in elderly patients. <i>Intensive Care Medicine</i> , 2021 , 1	14.5	2
288	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
287	Lactate is associated with mortality in very old intensive care patients suffering from COVID-19: results from an international observational study of 2860 patients. <i>Annals of Intensive Care</i> , 2021 , 11, 128	8.9	5
286	Differences in mortality in critically ill elderly patients during the second COVID-19 surge in Europe. <i>Critical Care</i> , 2021 , 25, 344	10.8	3
285	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
284	Association between tracheostomy timing and outcomes for older critically ill COVID-19 patients: prospective observational study in European intensive care units.. <i>British Journal of Anaesthesia</i> , 2021 ,	5.4	5
283	Management and outcomes in critically ill nonagenarian versus octogenarian patients. <i>BMC Geriatrics</i> , 2021 , 21, 576	4.1	1
282	Safety and efficacy of iron supplementation after myocardial infarction in mice with moderate blood loss anaemia. <i>ESC Heart Failure</i> , 2021 ,	3.7	3
281	Propensity-Adjusted Comparison of Mortality of Elderly Versus Very Elderly Ventilated Patients. <i>Respiratory Care</i> , 2021 , 66, 814-821	2.1	1
280	Mortality after cardiopulmonary resuscitation on a medical ICU : A sex-specific outcome analysis. <i>Wiener Klinische Wochenschrift</i> , 2021 , 133, 492-499	2.3	1
279	No impact of weather conditions on the outcome of intensive care unit patients. <i>Wiener Medizinische Wochenschrift</i> , 2021 , 1	2.9	1
278	Therapeutic Evaluation of Antibody-Based Targeted Delivery of Interleukin 9 in Experimental Pulmonary Hypertension. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3

277	Validation of suitable genes for normalization of diurnal gene expression studies in <i>Chenopodium quinoa</i> . <i>PLoS ONE</i> , 2021 , 16, e0233821	3.7	2
276	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
275	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
274	Modern NCDR and ACTION risk models outperform the GRACE model for prediction of in-hospital mortality in acute coronary syndrome in a German cohort. <i>International Journal of Cardiology</i> , 2021 , 329, 28-35	3.2	1
273	Predictors of calcification distribution in severe tricuspid aortic valve stenosis. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 2791-2799	2.5	1
272	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
271	Machine learning predicts mortality based on analysis of ventilation parameters of critically ill patients: multi-centre validation. <i>BMC Medical Informatics and Decision Making</i> , 2021 , 21, 152	3.6	5
270	Microcirculation in Patients with Takotsubo Syndrome-The Prospective CIRCUS-TTS Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
269	Haplotype variations of major flowering time genes in quinoa unveil their role in the adaptation to different environmental conditions. <i>Plant, Cell and Environment</i> , 2021 , 44, 2565-2579	8.4	2
268	Impella in Cardiogenic Shock: Is it Time to Hit the Break?. <i>Shock</i> , 2021 , 55, 693-694	3.4	1
267	Iatrogenic atrial septal defect persistence after percutaneous mitral valve repair: a meta-analysis. <i>Acta Cardiologica</i> , 2021 , 1-11	0.9	0
266	Computed tomography derived predictors of permanent pacemaker implantation after transcatheter aortic valve replacement: A meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 98, E897-E907	2.7	2
265	Provision of critical care for the elderly in Europe: a retrospective comparison of national healthcare frameworks in intensive care units. <i>BMJ Open</i> , 2021 , 11, e046909	3	2
264	Steroid use in elderly critically ill COVID-19 patients. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	6
263	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
262	Relationship between the Clinical Frailty Scale and short-term mortality in patients ≥80 years old acutely admitted to the ICU: a prospective cohort study. <i>Critical Care</i> , 2021 , 25, 231	10.8	4
261	Contemporary use of balloon aortic valvuloplasty and evaluation of its success in different hemodynamic entities of severe aortic valve stenosis. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E121-E129	2.7	2
260	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

259	Sex-specific outcomes and management in critically ill septic patients. <i>European Journal of Internal Medicine</i> , 2021 , 83, 74-77	3.9	4
258	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	
257	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
256	Aortic valve calcification is subject to aortic stenosis severity and the underlying flow pattern. <i>Heart and Vessels</i> , 2021 , 36, 242-251	2.1	3
255	Risk modeling in transcatheter aortic valve replacement remains unsolved: an external validation study in 2946 German patients. <i>Clinical Research in Cardiology</i> , 2021 , 110, 368-376	6.1	7
254	The impact of end-of-life care on ICU outcome. <i>Intensive Care Medicine</i> , 2021 , 47, 624-625	14.5	5
253	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
252	Impella versus extracorporeal life support in cardiogenic shock: a propensity score adjusted analysis. <i>ESC Heart Failure</i> , 2021 , 8, 953-961	3.7	3
251	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
250	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
249	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
248	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
247	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
246	National Cardiovascular Data Registry-Acute Kidney Injury (NCDRI) vs. Mehran risk models for prediction of contrast-induced nephropathy and need for dialysis after coronary angiography in a German patient cohort. <i>Journal of Nephrology</i> , 2021 , 34, 1491-1500	4.8	2
245	Underweight but not overweight is associated with excess mortality in septic ICU patients. <i>Wiener Klinische Wochenschrift</i> , 2021 , 1	2.3	0
244	Sublingual microcirculation predicts survival after out-of-hospital cardiac arrest. <i>Microcirculation</i> , 2021 , 28, e12729	2.9	0
243	The management of multi-morbidity in elderly patients: Ready yet for precision medicine in intensive care?. <i>Critical Care</i> , 2021 , 25, 330	10.8	2
242	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

241	The wave of very old people in the intensive care unit-A challenge in decision-making. <i>Journal of Critical Care</i> , 2020 , 60, 290-293	4	4
240	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
239	Sublingual microcirculation detects impaired perfusion in dehydrated older patients. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 75, 475-487	2.5	3
238	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
237	Frailty assessment in very old intensive care patients: the Hospital Frailty Risk Score answers another question. <i>Intensive Care Medicine</i> , 2020 , 46, 1514-1515	14.5	3
236	The good, the bad and the ugly: pandemic priority decisions and triage. <i>Journal of Medical Ethics</i> , 2020 ,	2.5	16
235	Novel Biomarkers in Patients with Chronic Kidney Disease: An Analysis of Patients Enrolled in the GCKD-Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
234	Acidosis predicts mortality independently from hyperlactatemia in patients with sepsis. <i>European Journal of Internal Medicine</i> , 2020 , 76, 76-81	3.9	12
233	Extracorporeal life support system during cardiovascular procedures: Insights from the German Lifebridge registry. <i>Artificial Organs</i> , 2020 , 44, 1259-1266	2.6	1
232	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
231	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	
230	Virtual reality device training for extracorporeal membrane oxygenation. <i>Critical Care</i> , 2020 , 24, 390	10.8	1
229	Sublingual microcirculation in prehospital critical care medicine: A proof-of-concept study. <i>Microcirculation</i> , 2020 , 27, e12614	2.9	3
228	Partial oral antibiotic therapy is non-inferior to intravenous therapy in non-critically ill patients with infective endocarditis : Review and meta-analysis. <i>Wiener Klinische Wochenschrift</i> , 2020 , 132, 762-769	2.3	5
227	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
226	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	
225	Anti-CD3 Antibody Treatment Reduces Scar Formation in a Rat Model of Myocardial Infarction. <i>Cells</i> , 2020 , 9,	7.9	5
224	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

223	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
222	New insights on potential permanent pacemaker predictors in TAVR using the largest self-expandable device. <i>Cardiovascular Diagnosis and Therapy</i> , 2020 , 10, 1816-1826	2.6	2
221	Novel cardiovascular biomarkers in patients with cardiovascular diseases undergoing intensive physical exercise. <i>Panminerva Medica</i> , 2020 , 62, 135-142	2	4
220	Frailty as a Prognostic Indicator in Intensive Care. <i>Deutsches A&#x0308;rztblatt International</i> , 2020 , 117, 668-673	2.5	1
219	Virtual reality-assisted conscious sedation during transcatheter aortic valve implantation: a randomised pilot study. <i>EuroIntervention</i> , 2020 , 16, e1014-e1020	3.1	5
218	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
217	Admission Body Temperature in Critically Ill Patients as an Independent Risk Predictor for Overall Outcome. <i>Medical Principles and Practice</i> , 2020 , 29, 389-395	2.1	5
216	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
215	The role of arginase in the microcirculation in cardiovascular disease. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 74, 79-92	2.5	8
214	Antithrombotic therapy for chronic coronary syndrome and atrial fibrillation: less might be more. <i>Journal of Thrombosis and Thrombolysis</i> , 2020 , 49, 321-324	5.1	2
213	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
212	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, 57-65	14.5	101
211	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
210	Frailty Assessment in Patients Undergoing Aortic Valve Replacement: Be Quick and Be Sure. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1965-1967	5	1
209	Arterial Lactate in Cardiogenic Shock: Prognostic Value of Clearance Versus Single Values. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2208-2216	5	21
208	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	
207	Real-Life Multimarker Monitoring in Patients with Heart Failure: Continuous Remote Monitoring of Mobility and Patient-Reported Outcomes as Digital End Points in Future Heart-Failure Trials. <i>Digital Biomarkers</i> , 2020 , 4, 45-59	7.1	6
206	The Schulthess local Shoulder Arthroplasty Registry (SAR): cohort profile. <i>BMJ Open</i> , 2020 , 10, e040591	3	3

205	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
204	Therapy limitation in octogenarians in German intensive care units is associated with a longer length of stay and increased 30-days mortality: A prospective multicenter study. <i>Journal of Critical Care</i> , 2020 , 60, 58-63	4	2
203	Reply to: In searching for prognostic markers in transcatheter aortic valve replacement: Diastolic dysfunction and insulin-like growth factor system assessment. <i>International Journal of Cardiology</i> , 2020 , 307, 136	3.2	
202	Sex-specific outcome disparities in very old patients admitted to intensive care medicine: a propensity matched analysis. <i>Scientific Reports</i> , 2020 , 10, 18671	4.9	5
201	Evaluation of a shorter algorithm in an automated analysis of sublingual microcirculation. <i>Clinical Hemorheology and Microcirculation</i> , 2020 , 76, 287-297	2.5	3
200	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	
199	Comprehensive Analysis of Macrocirculation and Microcirculation in Microgravity During Parabolic Flights. <i>Frontiers in Physiology</i> , 2020 , 11, 960	4.6	2
198	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
197	Exposure to acute normobaric hypoxia results in adaptations of both the macro- and microcirculatory system. <i>Scientific Reports</i> , 2020 , 10, 20938	4.9	2
196	Impact of Combined "CHADS-BLED" Score to Predict Short-Term Outcomes in Transfemoral and Transapical Aortic Valve Replacement. <i>Journal of Interventional Cardiology</i> , 2020 , 2020, 9414397	1.8	1
195	Failure of Lactate Clearance Predicts the Outcome of Critically Ill Septic Patients. <i>Diagnostics</i> , 2020 , 10,	3.8	7
194	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
193	Patients with severe aortic stenosis and coexisting pulmonary hypertension treated by transapical transcatheter aortic valve replacement-Is there a need for increased attention?. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 1001-1008	2.7	0
192	Antithrombotic therapy in atrial fibrillation: stop triple therapy and start optimizing dual therapy?. <i>Clinical Research in Cardiology</i> , 2020 , 109, 128-130	6.1	2
191	Analysis of Novel Cardiovascular Biomarkers in Patients With Pulmonary Hypertension (PH). <i>Heart Lung and Circulation</i> , 2020 , 29, 337-344	1.8	19
190	Real-world clinical experience with the percutaneous extracorporeal life support system: Results from the German Lifebridge Registry. <i>Clinical Research in Cardiology</i> , 2020 , 109, 46-53	6.1	6
189	A Model of Blood Component-Heart Interaction in Cardiac Ischemia-Reperfusion Injury using a Langendorff-Based Ex Vivo Assay. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020 , 25, 164-173	2.6	3
188	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

187	Reply to the Letter to the Editor "Hypoglycemia and Mortality in Critically Ill Patients with Type 2 Diabetes". <i>Medical Principles and Practice</i> , 2020 , 29, 100	2.1	
186	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	
185	Impact of timing of intraaortic balloon counterpulsation on mortality in cardiogenic shock - a subanalysis of the IABP-SHOCK II trial. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020 , 2048872620930509	4.3	1
184	Novel insights on outcome in horizontal aorta with self-expandable new-generation transcatheter aortic valve replacement devices. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 1511-1519	2.7	3
183	Systematic Review and Meta-Analysis of Interventional Emergency Treatment of Decompensated Severe Aortic Stenosis. <i>Journal of Invasive Cardiology</i> , 2020 , 32, 30-36	0.7	3
182	Sex-Specific Outcomes of Patients Treated With Extracorporeal Cardiopulmonary Resuscitation. <i>Journal of Invasive Cardiology</i> , 2020 , 32, 422-426	0.7	
181	Prognostic relevance of serum lactate kinetics: a powerful predictor but not Chuck Norris in Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2019 , 45, 1174-1175	14.5	3
180	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
179	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
178	Early clinical experiences with a novel contrast volume reduction system during invasive coronary angiography. <i>IJC Heart and Vasculature</i> , 2019 , 23, 100377	2.4	2
177	Real-world extravascular lung water index measurements in critically ill patients : Pulse index continuous cardiac output measurements: time course analysis and association with clinical characteristics. <i>Wiener Klinische Wochenschrift</i> , 2019 , 131, 321-328	2.3	1
176	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
175	Regenerative Cardiovascular Therapies: Stem Cells and Beyond. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	31
174	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
173	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
172	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
171	How Does Frailty Affect ICU Outcome?. <i>Current Anesthesiology Reports</i> , 2019 , 9, 144-150	1	4
170	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

169	Feasibility, safety and effectiveness in measuring microvascular resistance with regadenoson. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 71, 299-310	2.5	5
168	Mild Hypothermia in Cardiogenic Shock Complicating Myocardial Infarction. <i>Circulation</i> , 2019 , 139, 448-457	7	31
167	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
166	The hospital frailty risk score is of limited value in intensive care unit patients. <i>Critical Care</i> , 2019 , 23, 239	10.8	21
165	Easy prognostic assessment of concomitant organ failure in critically ill patients undergoing mechanical ventilation. <i>European Journal of Internal Medicine</i> , 2019 , 70, 18-23	3.9	6
164	MicroRNAs in Inflammatory Heart Diseases and Sepsis-Induced Cardiac Dysfunction: A Potential Scope for the Future?. <i>Cells</i> , 2019 , 8,	7.9	27
163	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
162	Assessment of microcirculation in cardiogenic shock. <i>Current Opinion in Critical Care</i> , 2019 , 25, 410-416	3.5	11
161	Hypoglycemia but Not Hyperglycemia Is Associated with Mortality in Critically Ill Patients with Diabetes. <i>Medical Principles and Practice</i> , 2019 , 28, 186-192	2.1	7
160	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
159	Cost-comparison of third generation transcatheter aortic valve implantation (TAVI) devices in the German Health Care System. <i>International Journal of Cardiology</i> , 2019 , 278, 40-45	3.2	5
158	Prognostic relevance of serum lactate kinetics in critically ill patients. <i>Intensive Care Medicine</i> , 2019 , 45, 55-61	14.5	62
157	Carcinoid heart disease involving the left heart: a case report and biomarker analysis. <i>ESC Heart Failure</i> , 2019 , 6, 222-227	3.7	5
156	Inhibition of periarticular bone loss is associated with clinical remission and ACR70-Response in rheumatoid arthritis. <i>Rheumatology International</i> , 2019 , 39, 637-645	3.6	4
155	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
154	Insulin like growth factor binding protein 2 (IGFBP-2) for risk prediction in patients with severe aortic stenosis undergoing Transcatheter Aortic Valve Implantation (TAVI). <i>International Journal of Cardiology</i> , 2019 , 277, 54-59	3.2	5
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	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

151	Evaluation of Exposure Assessment Tools under REACH: Part II-Higher Tier Tools. <i>Annals of Work Exposures and Health</i> , 2019 , 63, 230-241	2.4	7
150	Cellular inflammation in pulmonary hypertension: Detailed analysis of lung and right ventricular tissue, circulating immune cells and effects of a dual endothelin receptor antagonist. <i>Clinical Hemorheology and Microcirculation</i> , 2019 , 73, 497-522	2.5	6
149	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
148	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
147	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
146	Specifics of fetuin-A levels in distinct types of chronic heart failure. <i>Journal of Clinical Laboratory Analysis</i> , 2018 , 32,	3	8
145	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
144	Dynamic coronary roadmapping during percutaneous coronary intervention: a feasibility study. <i>European Journal of Medical Research</i> , 2018 , 23, 36	4.8	9
143	Multi-biomarker analysis in patients after transcatheter aortic valve implantation (TAVI). <i>Biomarkers</i> , 2018 , 23, 773-780	2.6	6
142	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
141	Tricuspid Regurgitation - Medical Management and Evolving Interventional Concepts. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 49	5.4	11
140	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
139	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
138	Extravascular lung water index and Halperin score to predict outcome in critically ill patients. <i>Wiener Klinische Wochenschrift</i> , 2018 , 130, 505-510	2.3	2
137	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
136	Research update for articles published in EJCI in 2016. <i>European Journal of Clinical Investigation</i> , 2018 , 48, e13016	4.6	
135	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
134	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

133	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
132	Triple therapy: worth the risk?. <i>Minerva Medica</i> , 2018 , 109, 403-405	2.2	1
131	Blood parameter analysis after short term exposure to weightlessness in parabolic flight. <i>Clinical Hemorheology and Microcirculation</i> , 2018 , 70, 477-486	2.5	3
130	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
129	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
128	Two CONSTANS-LIKE genes jointly control flowering time in beet. <i>Scientific Reports</i> , 2018 , 8, 16120	4.9	15
127	Cardiac-Specific Overexpression of Oxytocin Receptor Leads to Cardiomyopathy in Mice. <i>Journal of Cardiac Failure</i> , 2018 , 24, 470-478	3.3	7
126	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
125	Visualization and appearance of artifacts of leadless pacemaker systems in cardiac MRI : An experimental ex vivo study. <i>Wiener Klinische Wochenschrift</i> , 2018 , 130, 427-435	2.3	3
124	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
123	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
122	The genome of <i>Chenopodium quinoa</i> . <i>Nature</i> , 2017 , 542, 307-312	50.4	345
121	Drug-eluting stents versus bare-metal stents in acute myocardial infarction with cardiogenic shock. <i>Heart</i> , 2017 , 103, 1177-1184	5.1	11
120	Pulmonary arterial compliance and pulmonary hemodynamic effects of Serelaxin in a sheep model. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 66, 219-229	2.5	6
119	Outcome predictors in dilated cardiomyopathy or myocarditis. <i>European Journal of Clinical Investigation</i> , 2017 , 47, 513-523	4.6	5
118	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
117	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
116	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

115	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
114	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
113	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
112	Increased Serum Levels of Fetal Tenascin-C Variants in Patients with Pulmonary Hypertension: Novel Biomarkers Reflecting Vascular Remodeling and Right Ventricular Dysfunction?. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	6
111	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
110	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
109	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
108	Multibiomarker analysis in patients with acute myocardial infarction. <i>European Journal of Clinical Investigation</i> , 2017 , 47, 638-648	4.6	44
107	Differences in Stem Cell Processing Lead to Distinct Secretomes Secretion-Implications for Differential Results of Previous Clinical Trials of Stem Cell Therapy for Myocardial Infarction. <i>Biotechnology Journal</i> , 2017 , 12, 1600732	5.6	6
106	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
105	Elevated plasma levels of interleukin-16 in patients with acute myocardial infarction. <i>Medicine (United States)</i> , 2017 , 96, e8396	1.8	11
104	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
103	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
102	Microparticles in patients undergoing transcatheter aortic valve implantation (TAVI). <i>Heart and Vessels</i> , 2017 , 32, 458-466	2.1	17
101	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
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99	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
98	High peak PaO ₂ values associated with adverse outcome in patients treated with noninvasive ventilation for acute cardiogenic pulmonary edema and pneumonia. <i>Panminerva Medica</i> , 2017 , 59, 290-296	4	4

97	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
96	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
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62	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

61	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
60	Percutaneous extracorporeal life support in patients with circulatory failure: results of the German Lifebridge Registry. <i>Journal of Invasive Cardiology</i> , 2015 , 27, 93-7	0.7	5
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53	Late onset oral treatment with tranilast following large myocardial infarction has no beneficial effects on cardiac remodeling and mortality in rats. <i>Experimental and Therapeutic Medicine</i> , 2014 , 8, 1789-1796 ²	2.1	2
52	Increased levels of circulating arginase I in overweight compared to normal weight adolescents. <i>Pediatric Diabetes</i> , 2014 , 15, 51-6	3.6	12
51	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
50	Serum levels of tenascin-C variants in congestive heart failure patients: comparative analysis of ischemic, dilated, and hypertensive cardiomyopathy. <i>Clinical Laboratory</i> , 2014 , 60, 1007-13	2	6
49	Determinants of neointimal proliferation and stent coverage after intracoronary therapy with drug-eluting devices in stable coronary artery disease: role of endothelial progenitor cells and interleukin-1 family cytokines. <i>Journal of Invasive Cardiology</i> , 2014 , 26, 648-53	0.7	2
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46	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
45	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
44	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

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42	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
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38	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
37	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
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34	Effects of myocardial postconditioning on the recruitment of endothelial progenitor cells. <i>Journal of Interventional Cardiology</i> , 2012 , 25, 103-10	1.8	7
33	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
32	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
31	Macrophage migration inhibitory factor is elevated in obese adolescents. <i>Archives of Physiology and Biochemistry</i> , 2012 , 118, 204-9	2.2	9
30	Local arginase inhibition during early reperfusion mediates cardioprotection via increased nitric oxide production. <i>PLoS ONE</i> , 2012 , 7, e42038	3.7	51
29	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
28	Survival does not improve when therapeutic hypothermia is added to post-cardiac arrest care. <i>Resuscitation</i> , 2011 , 82, 1168-73	4	29
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26	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

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23	Pumpless extracorporeal lung assist for the treatment of severe, refractory status asthmaticus. <i>Journal of Asthma</i> , 2011 , 48, 111-3	1.9	20
22	Effect of mechanical ventilation on microvascular perfusion in critical care patients. <i>Clinical Hemorheology and Microcirculation</i> , 2010 , 45, 1-7	2.5	4
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12	Evaluation of the sublingual microcirculation in cardiogenic shock. <i>Clinical Hemorheology and Microcirculation</i> , 2009 , 42, 141-8	2.5	43
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10	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
9	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
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