

# Christian Jung

## List of Publications by Year in descending order

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Version: 2024-02-01

324  
papers

8,315  
citations

71102

41  
h-index

76900

74  
g-index

334  
all docs

334  
docs citations

334  
times ranked

10436  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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> , 2022, 15, 239-248.  | 2.4 | 5         |
| 2  | Underweight but not overweight is associated with excess mortality in septic ICU patients. <i>Wiener Klinische Wochenschrift</i> , 2022, 134, 139-147.   | 1.9 | 12        |
| 3  | Virtual and Augmented Reality in Cardiovascular Care. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 519-532.   | 5.3 | 34        |
| 4  | The relationship between treatment limitations and pressure on intensive care units in elderly patients. <i>Intensive Care Medicine</i> , 2022, 48, 124-125.   | 8.2 | 6         |
| 5  | The importance of revealing data on limitation of life sustaining therapy in critical ill elderly Covid-19 patients. <i>Journal of Critical Care</i> , 2022, 67, 147-148.  | 2.2 | 14        |
| 6  | 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> , 2022, 128, 482-490.   | 3.4 | 16        |
| 7  | Health-related quality of life in older patients surviving ICU treatment for COVID-19: results from an international observational study of patients older than 70 years. <i>Age and Ageing</i> , 2022, 51, .  | 1.6 | 6         |
| 8  | Disease-Course Adapting Machine Learning Prognostication Models in Elderly Patients Critically Ill With COVID-19: Multicenter Cohort Study With External Validation. <i>JMIR Medical Informatics</i> , 2022, 10, e32949.   | 2.6 | 5         |
| 9  | How spaceflight challenges human cardiovascular health. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1399-1411.  | 1.8 | 19        |
| 10 | 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, 062. | 1.4 | 3         |
| 11 | 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, 435-447.  | 8.2 | 23        |
| 12 | Association of chronic heart failure with mortality in old intensive care patients suffering from Covid-19. <i>ESC Heart Failure</i> , 2022, , .   | 3.1 | 1         |
| 13 | 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.  | 4.6 | 10        |
| 14 | Management of intoxicated patients – a descriptive outcome analysis of 4,267 ICU patients. <i>BMC Emergency Medicine</i> , 2022, 22, 38.   | 1.9 | 1         |
| 15 | Variations in end-of-life care practices in older critically ill patients with COVID-19 in Europe. <i>Journal of Internal Medicine</i> , 2022, 292, 438-449.   | 6.0 | 8         |
| 16 | Pulmonary Arteriovenous Pressure Gradient and Time-Averaged Mean Velocity of Small Pulmonary Arteries Can Serve as Sensitive Biomarkers in the Diagnosis of Pulmonary Arterial Hypertension: A Preclinical Study by 4D-Flow MRI. <i>Diagnostics</i> , 2022, 12, 58.              | 2.6 | 0         |
| 17 | Short-term mortality of patients ≥80 years old admitted to European intensive care units: an international observational study. <i>British Journal of Anaesthesia</i> , 2022, 129, 58-66.  | 3.4 | 3         |
| 18 | Efficient screening for severe aortic valve stenosis using understandable artificial intelligence: a prospective diagnostic accuracy study. <i>European Heart Journal Digital Health</i> , 2022, 3, 141-152.   | 1.7 | 6         |

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|----|--|-----|-----------|
| 19 | 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.  | 2.2 | 6         |
| 20 | Who gets the ventilator? A multicentre survey of intensivists' opinions of triage during the first wave of the COVID-19 pandemic. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 859-868.                                | 1.6 | 10        |
| 21 | Relevance of pre-existing anaemia for patients admitted for acute coronary syndrome to an intensive care unit: a retrospective cohort analysis of 7418 patients. <i>European Heart Journal Open</i> , 2022, 2, .                 | 2.3 | 1         |
| 22 | Cerebrovascular Events after Transcatheter Aortic Valve Replacement: The Difficulty in Predicting the Unpredictable. <i>Journal of Clinical Medicine</i> , 2022, 11, 3902.   | 2.4 | 1         |
| 23 | The good, the bad and the ugly: pandemic priority decisions and triage. <i>Journal of Medical Ethics</i> , 2021, 47, e75-e75.  | 1.8 | 37        |
| 24 | 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. | 1.7 | 6         |
| 25 | 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> , 2021, 10, 54-61.               | 1.0 | 12        |
| 26 | 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.   | 3.0 | 19        |
| 27 | Sex-specific outcomes and management in critically ill septic patients. <i>European Journal of Internal Medicine</i> , 2021, 83, 74-77.  | 2.2 | 11        |
| 28 | 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.            | 2.2 | 1         |
| 29 | On predictions in critical care: The individual prognostication fallacy in elderly patients. <i>Journal of Critical Care</i> , 2021, 61, 34-38.  | 2.2 | 22        |
| 30 | 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.                         | 3.3 | 29        |
| 31 | Aortic valve calcification is subject to aortic stenosis severity and the underlying flow pattern. <i>Heart and Vessels</i> , 2021, 36, 242-251.   | 1.2 | 10        |
| 32 | 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.                                     | 3.3 | 12        |
| 33 | The impact of end-of-life care on ICU outcome. <i>Intensive Care Medicine</i> , 2021, 47, 624-625.   | 8.2 | 15        |
| 34 | Reliability of the Clinical Frailty Scale in very elderly ICU patients: a prospective European study. <i>Annals of Intensive Care</i> , 2021, 11, 22.  | 4.6 | 61        |
| 35 | Impella versus extracorporeal life support in cardiogenic shock: a propensity score adjusted analysis. <i>ESC Heart Failure</i> , 2021, 8, 953-961.  | 3.1 | 10        |
| 36 | Propensity-Adjusted Comparison of Mortality of Elderly Versus Very Elderly Ventilated Patients. <i>Respiratory Care</i> , 2021, 66, 814-821.   | 1.6 | 1         |

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|----|--|-----|-----------|
| 37 | Mortality after cardiopulmonary resuscitation on a medical ICU. Wiener Klinische Wochenschrift, 2021, 133, 492-499.  | 1.9 | 2         |
| 38 | No impact of weather conditions on the outcome of intensive care unit patients. Wiener Medizinische Wochenschrift, 2021, , 1.  | 1.1 | 1         |
| 39 | Therapeutic Evaluation of Antibody-Based Targeted Delivery of Interleukin 9 in Experimental Pulmonary Hypertension. International Journal of Molecular Sciences, 2021, 22, 3460.   | 4.1 | 8         |
| 40 | Validation of suitable genes for normalization of diurnal gene expression studies in <i>Chenopodium quinoa</i> . PLoS ONE, 2021, 16, e0233821.   | 2.5 | 7         |
| 41 | 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. Age and Ageing, 2021, 50, 1719-1727.   | 1.6 | 20        |
| 42 | The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study. Critical Care, 2021, 25, 149.   | 5.8 | 107       |
| 43 | Modern NCDR and ACTION risk models outperform the GRACE model for prediction of in-hospital mortality in acute coronary syndrome in a German cohort. International Journal of Cardiology, 2021, 329, 28-35.                                    | 1.7 | 4         |
| 44 | Predictors of calcification distribution in severe tricuspid aortic valve stenosis. International Journal of Cardiovascular Imaging, 2021, 37, 2791-2799.  | 1.5 | 3         |
| 45 | Thinking fast and slow: lactate and MELD-XI (model for end-stage liver disease excluding INR) are useful for estimating mortality after cardiopulmonary resuscitation. Minerva Anestesiologica, 2021, 87, 1017-1024.                           | 1.0 | 2         |
| 46 | Machine learning predicts mortality based on analysis of ventilation parameters of critically ill patients: multi-centre validation. BMC Medical Informatics and Decision Making, 2021, 21, 152.   | 3.0 | 10        |
| 47 | Microcirculation in Patients with Takotsubo Syndrome – The Prospective CIRCUS-TTS Study. Journal of Clinical Medicine, 2021, 10, 2127.   | 2.4 | 11        |
| 48 | Haplotype variations of major flowering time genes in quinoa unveil their role in the adaptation to different environmental conditions. Plant, Cell and Environment, 2021, 44, 2565-2579.  | 5.7 | 17        |
| 49 | Impella in Cardiogenic Shock: Is it Time to Hit the Break?. Shock, 2021, 55, 693-694.  | 2.1 | 4         |
| 50 | Serum Liberation of Fetal Fibronectin Variants in Patients with Pulmonary Hypertension: ED-A+ Fn as Promising Novel Biomarker of Pulmonary Vascular and Right Ventricular Myocardial Remodeling. Journal of Clinical Medicine, 2021, 10, 2559. | 2.4 | 0         |
| 51 | Iatrogenic atrial septal defect persistence after percutaneous mitral valve repair: a meta-analysis. Acta Cardiologica, 2021, , 1-11.  | 0.9 | 1         |
| 52 | Computed tomography derived predictors of permanent pacemaker implantation after transcatheter aortic valve replacement: A meta-analysis. Catheterization and Cardiovascular Interventions, 2021, 98, E897-E907.                               | 1.7 | 8         |
| 53 | Provision of critical care for the elderly in Europe: a retrospective comparison of national healthcare frameworks in intensive care units. BMJ Open, 2021, 11, e046909.   | 1.9 | 11        |
| 54 | Steroid use in elderly critically ill COVID-19 patients. European Respiratory Journal, 2021, 58, 2100979.  | 6.7 | 44        |

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|----|--|-----|-----------|
| 55 | Factors associated with a high or low implantation of self-expanding devices in TAVR. <i>Clinical Research in Cardiology</i> , 2021, 110, 1930-1938.   | 3.3 | 3         |
| 56 | Relationship between the Clinical Frailty Scale and short-term mortality in patientsâ€™80 years old acutely admitted to the ICU: a prospective cohort study. <i>Critical Care</i> , 2021, 25, 231.   | 5.8 | 19        |
| 57 | Modelling Exposure by Spraying Activitiesâ€™Status and Future Needs. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7737.  | 2.6 | 5         |
| 58 | 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, 2993.   | 2.4 | 1         |
| 59 | ICU-Mortality in Old and Very Old Patients Suffering From Sepsis and Septic Shock. <i>Frontiers in Medicine</i> , 2021, 8, 697884.   | 2.6 | 6         |
| 60 | Arginase 1 is upregulated at admission in patients with STâ€™elevation myocardial infarction. <i>Journal of Internal Medicine</i> , 2021, 290, 1061-1070.  | 6.0 | 5         |
| 61 | 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.  | 1.7 | 5         |
| 62 | 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. | 2.0 | 3         |
| 63 | Sublingual Microcirculation predicts Survival after Outâ€™ofâ€™Hospital Cardiac Arrest. <i>Microcirculation</i> , 2021, 28, e12729.  | 1.8 | 2         |
| 64 | The management of multi-morbidity in elderly patients: Ready yet for precision medicine in intensive care?. <i>Critical Care</i> , 2021, 25, 330.  | 5.8 | 9         |
| 65 | Tumor necrosis factor alphaâ€™an underestimated risk predictor in patients undergoing transcatheter aortic valve replacement (TAVR)?. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23977.   | 2.1 | 5         |
| 66 | A new multi-national network studying Very old Intensive care Patients (VIPs). <i>Anaesthesiology Intensive Therapy</i> , 2021, 53, 290-295.   | 1.0 | 6         |
| 67 | Management and outcomes in critically ill nonagenarian versus octogenarian patients. <i>BMC Geriatrics</i> , 2021, 21, 576.  | 2.7 | 7         |
| 68 | Safety and efficacy of iron supplementation after myocardial infarction in mice with moderate blood loss anaemia. <i>ESC Heart Failure</i> , 2021, 8, 5445-5455.   | 3.1 | 8         |
| 69 | Excess Mortality in Aspirin and Dipyron (Metamizole) Coâ€™Medicated in Patients With Cardiovascular Disease: A Nationwide Study. <i>Journal of the American Heart Association</i> , 2021, 10, e022299.   | 3.7 | 3         |
| 70 | Long-Term Outcomes After Critical Care. <i>Chest</i> , 2021, 160, 1587-1588.   | 0.8 | 0         |
| 71 | 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.   | 4.6 | 12        |
| 72 | Differences in mortality in critically ill elderly patients during the second COVID-19 surge in Europe. <i>Critical Care</i> , 2021, 25, 344.  | 5.8 | 7         |

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|----|---|-----|-----------|
| 73 | 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.  | 0.6 | 6         |
| 74 | 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> , 2020, 73, 497-522.    | 1.7 | 11        |
| 75 | 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. | 1.7 | 2         |
| 76 | Antithrombotic therapy in atrial fibrillation: stop triple therapy and start optimizing dual therapy?. <i>Clinical Research in Cardiology</i> , 2020, 109, 128-130.   | 3.3 | 2         |
| 77 | Analysis of Novel Cardiovascular Biomarkers in Patients With Pulmonary Hypertension (PH). <i>Heart Lung and Circulation</i> , 2020, 29, 337-344.  | 0.4 | 29        |
| 78 | 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.   | 3.3 | 10        |
| 79 | 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.  | 2.0 | 4         |
| 80 | 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.  | 1.0 | 25        |
| 81 | 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, 100-100.   | 2.4 | 0         |
| 82 | Venous blood lactate concentrations in patients with shock: Interesting but not really helpful. <i>Journal of Critical Care</i> , 2020, 58, 125-126.  | 2.2 | 3         |
| 83 | 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.      | 2.1 | 9         |
| 84 | 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.   | 2.4 | 16        |
| 85 | Navigating the —Optimal Implantation Depth—With a Self-Expandable TAVR Device—Daily Clinical Practice. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 679-688.   | 2.9 | 44        |
| 86 | The role of arginase in the microcirculation in cardiovascular disease. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 74, 79-92.  | 1.7 | 10        |
| 87 | Antithrombotic therapy for chronic coronary syndrome and atrial fibrillation: less might be more. <i>Journal of Thrombosis and Thrombolysis</i> , 2020, 49, 321-324.  | 2.1 | 3         |
| 88 | Insulin-like Growth Factor Binding Protein 2 predicts mortality risk in heart failure. <i>International Journal of Cardiology</i> , 2020, 300, 245-251.   | 1.7 | 19        |
| 89 | 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.  | 8.2 | 230       |
| 90 | Rivaroxaban Reduces Arterial Thrombosis by Inhibition of FXa-Driven Platelet Activation via Protease Activated Receptor-1. <i>Circulation Research</i> , 2020, 126, 486-500.  | 4.5 | 87        |

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|-----|---|-----|-----------|
| 91  | Frailty Assessment in Patients Undergoing Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1965-1967.  | 2.9 | 1         |
| 92  | Arterial Lactate in Cardiogenic Shock. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2208-2216.   | 2.9 | 61        |
| 93  | Comments to "Frailty is associated with hospital readmission in geriatric patients: a prognostic study" <i>European Geriatric Medicine</i> , 2020, 11, 885-886.   | 2.8 | 0         |
| 94  | 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. | 4.4 | 8         |
| 95  | The Schulthess local Shoulder Arthroplasty Registry (SAR): cohort profile. <i>BMJ Open</i> , 2020, 10, e040591.   | 1.9 | 10        |
| 96  | 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.   | 0.9 | 2         |
| 97  | 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.        | 2.2 | 8         |
| 98  | 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.             | 1.7 | 0         |
| 99  | Sex-specific outcome disparities in very old patients admitted to intensive care medicine: a propensity matched analysis. <i>Scientific Reports</i> , 2020, 10, 18671.  | 3.3 | 9         |
| 100 | Evaluation of a shorter algorithm in an automated analysis of sublingual microcirculation. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 76, 287-297.   | 1.7 | 7         |
| 101 | No focus for <i>Staphylococcus aureus</i> bacteremia? Don't swallow it! An educational report of a rare sepsis presentation. <i>Archives of Medical Science</i> , 2020, 16, 1491-1492.  | 0.9 | 0         |
| 102 | Comprehensive Analysis of Macrocirculation and Microcirculation in Microgravity During Parabolic Flights. <i>Frontiers in Physiology</i> , 2020, 11, 960.   | 2.8 | 7         |
| 103 | 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.   | 3.7 | 5         |
| 104 | Exposure to acute normobaric hypoxia results in adaptations of both the macro- and microcirculatory system. <i>Scientific Reports</i> , 2020, 10, 20938.  | 3.3 | 7         |
| 105 | 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, 1-9.   | 1.2 | 2         |
| 106 | Failure of Lactate Clearance Predicts the Outcome of Critically Ill Septic Patients. <i>Diagnostics</i> , 2020, 10, 1105.   | 2.6 | 16        |
| 107 | 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.  | 2.2 | 13        |
| 108 | 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, e001385.   | 2.3 | 4         |

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|-----|---|-----|-----------|
| 109 | Sublingual microcirculation detects impaired perfusion in dehydrated older patients. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 75, 475-487.   | 1.7 | 7         |
| 110 | Dynamic Changes of Heart Failure Biomarkers in Response to Parabolic Flight. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3467.   | 4.1 | 7         |
| 111 | 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. | 4.5 | 2         |
| 112 | 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.   | 8.2 | 6         |
| 113 | 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, 886.   | 2.4 | 15        |
| 114 | Acidosis predicts mortality independently from hyperlactatemia in patients with sepsis. <i>European Journal of Internal Medicine</i> , 2020, 76, 76-81.   | 2.2 | 27        |
| 115 | Extracorporeal life support system during cardiovascular procedures: Insights from the German Lifebridge registry. <i>Artificial Organs</i> , 2020, 44, 1259-1266.  | 1.9 | 2         |
| 116 | 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.                          | 5.9 | 34        |
| 117 | Testing House of God's Law VII: Was the Fat Man Right?. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 1141-1142.  | 2.8 | 0         |
| 118 | Serum Biomarkers of Cardiovascular Remodelling Reflect Extra-Valvular Cardiac Damage in Patients with Severe Aortic Stenosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4174.                                      | 4.1 | 11        |
| 119 | Virtual reality device training for extracorporeal membrane oxygenation. <i>Critical Care</i> , 2020, 24, 390.  | 5.8 | 9         |
| 120 | Sublingual microcirculation in prehospital critical care medicine: A proof-of-concept study. <i>Microcirculation</i> , 2020, 27, e12614.  | 1.8 | 8         |
| 121 | Partial oral antibiotic therapy is non-inferior to intravenous therapy in non-critically ill patients with infective endocarditis. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 762-769.  | 1.9 | 7         |
| 122 | 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.  | 2.7 | 2         |
| 123 | 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.   | 1.9 | 0         |
| 124 | Anti-CD3 Antibody Treatment Reduces Scar Formation in a Rat Model of Myocardial Infarction. <i>Cells</i> , 2020, 9, 295.  | 4.1 | 10        |
| 125 | Spotlight on comorbidities in STEMI patients. <i>Endocrinology, Diabetes and Metabolism</i> , 2020, 3, e00102.  | 2.4 | 4         |
| 126 | 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, 1130.   | 2.4 | 17        |



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|-----|--|-----|-----------|
| 127 | 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" Circulation Research, 2020, 126, e54-e55. | 4.5 | 1         |
| 128 | Novel insights on outcome in horizontal aorta with self-expandable new-generation transcatheter aortic valve replacement devices. Catheterization and Cardiovascular Interventions, 2020, 96, 1511-1519.                     | 1.7 | 13        |
| 129 | Sepsis at ICU admission does not decrease 30-day survival in very old patients: a post-hoc analysis of the VIP1 multinational cohort study. Annals of Intensive Care, 2020, 10, 56.  | 4.6 | 16        |
| 130 | New insights on potential permanent pacemaker predictors in TAVR using the largest self-expandable device. Cardiovascular Diagnosis and Therapy, 2020, 10, 1816-1826.  | 1.7 | 6         |
| 131 | Novel cardiovascular biomarkers in patients with cardiovascular diseases undergoing intensive physical exercise. Panminerva Medica, 2020, 62, 135-142.   | 0.8 | 5         |
| 132 | Frailty as a Prognostic Indicator in Intensive Care. Deutsches Arzteblatt International, 2020, 117, 668-673.   | 0.9 | 14        |
| 133 | Virtual reality-assisted conscious sedation during transcatheter aortic valve implantation: a randomised pilot study. EuroIntervention, 2020, 16, e1014-e1020.   | 3.2 | 25        |
| 134 | Interventional emergency treatment of aortic valve stenosis: all along the watchtower. Minerva Cardioangiologica, 2020, 68, 172-174.   | 1.2 | 0         |
| 135 | Systematic Review and Meta-Analysis of Interventional Emergency Treatment of Decompensated Severe Aortic Stenosis. Journal of Invasive Cardiology, 2020, 32, 30-36.  | 0.4 | 6         |
| 136 | Sex-Specific Outcomes of Patients Treated With Extracorporeal Cardiopulmonary Resuscitation. Journal of Invasive Cardiology, 2020, 32, 422-426.  | 0.4 | 0         |
| 137 | Feasibility, safety and effectiveness in measuring microvascular resistance with regadenoson. Clinical Hemorheology and Microcirculation, 2019, 71, 299-310.   | 1.7 | 6         |
| 138 | Mild Hypothermia in Cardiogenic Shock Complicating Myocardial Infarction. Circulation, 2019, 139, 448-457.   | 1.6 | 54        |
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