Michael Lichtenauer

List of Publications by Year
in descending order

199 papers	3,151 citations	159585 30 h-index	243625 44 g-index
209 all docs	209 docs citations	209 times ranked	4792 citing authors

#	Article	IF	Citations
1	Primary sources and immunological prerequisites for sST2 secretion in humans. Cardiovascular Research, 2010, 87, 769-777.	3.8	111
2	Prognostic relevance of serum lactate kinetics in critically ill patients. Intensive Care Medicine, 2019, 45, 55-61.	8.2	103
3	Secretome of apoptotic peripheral blood cells (APOSEC) confers cytoprotection to cardiomyocytes and inhibits tissue remodelling after acute myocardial infarction: a preclinical study. Basic Research in Cardiology, 2011, 106, 1283-1297.	5.9	85
4	Blood Urea Nitrogen (BUN) is independently associated with mortality in critically ill patients admitted to ICU. PLoS ONE, 2018, 13, e0191697.	2.5	81
5	Elevated HSP27, HSP70 and HSP90 alpha in chronic obstructive pulmonary disease: markers for immune activation and tissue destruction. Clinical Laboratory, 2009, 55, 31-40.	0.5	74
6	Intravenous and intramyocardial injection of apoptotic white blood cell suspensions prevents ventricular remodelling by increasing elastin expression in cardiac scar tissue after myocardial infarction. Basic Research in Cardiology, 2011, 106, 645-655.	5.9	71
7	miR-19a-3p containing exosomes improve function of ischaemic myocardium upon shock wave therapy. Cardiovascular Research, 2020, 116, 1226-1236.	3.8	71
8	Irradiated cultured apoptotic peripheral blood mononuclear cells regenerate infarcted myocardium. European Journal of Clinical Investigation, 2009, 39, 445-456.	3.4	66
9	Leadless Cardiac Pacemaker Implantation After Lead Extraction in Patients With Severe Device Infection. Journal of Cardiovascular Electrophysiology, 2016, 27, 1067-1071.	1.7	59
10	Mechanical circulatory support with Impella versus intra-aortic balloon pump or medical treatment in cardiogenic shockâ€"a critical appraisal of current data. Clinical Research in Cardiology, 2019, 108, 1249-1257.	3.3	57
11	T cell senescence and contraction of T cell repertoire diversity in patients with chronic obstructive pulmonary disease. Clinical and Experimental Immunology, 2009, 155, 466-475.	2.6	56
12	Multibiomarker analysis in patients with acute myocardial infarction. European Journal of Clinical Investigation, 2017, 47, 638-648.	3.4	56
13	The Lactate/Albumin Ratio: A Valuable Tool for Risk Stratification in Septic Patients Admitted to ICU. International Journal of Molecular Sciences, 2017, 18, 1893.	4.1	53
14	Heart-Type Fatty Acid-Binding Protein (H-FABP) and Its Role as a Biomarker in Heart Failure: What Do We Know So Far?. Journal of Clinical Medicine, 2020, 9, 164.	2.4	53
15	Alpha-Gal Specific IgG Immune Response after Implantation of Bioprostheses. Thoracic and Cardiovascular Surgeon, 2009, 57, 191-195.	1.0	52
16	Myokines and Heart Failure: Challenging Role in Adverse Cardiac Remodeling, Myopathy, and Clinical Outcomes. Disease Markers, 2021, 2021, 1-17.	1.3	44
17	Blood markers of cardiac stress after generalized convulsive seizures. Epilepsia, 2019, 60, 201-210.	5.1	43
18	Impact of EMpagliflozin on cardiac function and biomarkers of heart failure in patients with acute MYocardial infarctionâ€"The EMMY trial. American Heart Journal, 2020, 221, 39-47.	2.7	43

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19	A comparative analysis of novel cardiovascular biomarkers in patients with chronic heart failure. European Journal of Internal Medicine, 2017, 44, 31-38.	2.2	42
20	MicroRNAs in Inflammatory Heart Diseases and Sepsis-Induced Cardiac Dysfunction: A Potential Scope for the Future?. Cells, 2019, 8, 1352.	4.1	42
21	Regenerative Cardiovascular Therapies: Stem Cells and Beyond. International Journal of Molecular Sciences, 2019, 20, 1420.	4.1	41
22	Transcatheter aortic valve replacement for pure aortic valve regurgitation: â€œon-labelâ€•versus â€œoff-labelâ€•use of TAVR devices. Clinical Research in Cardiology, 2019, 108, 921-930.	3.3	41
23	Clinical implications of fetuin-A. Advances in Clinical Chemistry, 2019, 89, 79-130.	3.7	40
24	Model for End-stage Liver Disease excluding INR (MELD-XI) score in critically ill patients: Easily available and of prognostic relevance. PLoS ONE, 2017, 12, e0170987.	2.5	38
25	Secretion of Soluble ST2 â€“ Possible Explanation for Systemic Immunosuppression after Heart Surgery. Thoracic and Cardiovascular Surgeon, 2009, 57, 25-29.	1.0	37
26	Secretome of apoptotic peripheral blood cells (APOSEC) attenuates microvascular obstruction in a porcine closed chest reperfused acute myocardial infarction model: role of platelet aggregation and vasodilation. Basic Research in Cardiology, 2012, 107, 292.	5.9	37
27	Simulated temporary hypoxia triggers the release of CD31+/Annexin+ endothelial microparticles: A prospective pilot study in humans. Clinical Hemorheology and Microcirculation, 2015, 61, 83-90.	1.7	37
28	Myocardial injury in severe COVIDâ€19 is similar to pneumonias of other origin: results from a multicentre study. ESC Heart Failure, 2021, 8, 37-46.	3.1	35
29	Complete encapsulation of a leadless cardiac pacemaker. Clinical Research in Cardiology, 2016, 105, 94-94.	3.3	33
30	Blood urea nitrogen (BUN) independently predicts mortality in critically ill patients admitted to ICU: A multicenter study. Clinical Hemorheology and Microcirculation, 2018, 69, 123-131.	1.7	33
31	Increased soluble serum markers caspaseâ€cleaved cytokeratinâ€18, histones, and ST2 indicate apoptotic turnover and chronic immune response in COPD. Journal of Clinical Laboratory Analysis, 2009, 23, 372-379.	2.1	32
32	Characteristics of coronary artery disease among patients with atrial fibrillation compared to patients with sinus rhythm. Hellenic Journal of Cardiology, 2017, 58, 204-212.	1.0	32
33	Emerging Role of Adipocyte Dysfunction in Inducing Heart Failure Among Obese Patients With Prediabetes and Known Diabetes Mellitus. Frontiers in Cardiovascular Medicine, 2020, 7, 583175.	2.4	31
34	Soluble <scp>ST</scp>2 predicts 1â€year outcome in patients undergoing transcatheter aortic valve implantation. European Journal of Clinical Investigation, 2017, 47, 149-157.	3.4	30
35	A comparison of very old patients admitted to intensive care unit after acute versus elective surgery or intervention. Journal of Critical Care, 2019, 52, 141-148.	2.2	30
36	Analysis of Novel Cardiovascular Biomarkers in Patients With Pulmonary Hypertension (PH). Heart Lung and Circulation, 2020, 29, 337-344.	0.4	29

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37	Skeletal Muscle Function, Structure, and Metabolism in Patients With Heart Failure With Reduced Ejection Fraction and Heart Failure With Preserved Ejection Fraction. Circulation: Heart Failure, 2020, 13, e007198.	3.9	29
38	First Autopsy Description of Changes 1 Year After Implantation of a Leadless Cardiac Pacemaker: Unexpected Ingrowth and Severe Chronic Inflammation. Canadian Journal of Cardiology, 2016, 32, 1578.e1-1578.e2.	1.7	28
39	Caspaseâ€cleaved cytokeratin 18 and 20â€‰S proteasome in liver degeneration. Journal of Clinical Laboratory Analysis, 2007, 21, 277-281.	2.1	27
40	Consequences of a Wait-and-See Strategy for Benign Metastasizing Leiomyomatosis of the Lung. Annals of Thoracic Surgery, 2009, 87, 613-614.	1.3	27
41	Decrease in dendritic cells in endomyocardial biopsies of human dilated cardiomyopathy. European Journal of Heart Failure, 2013, 15, 974-985.	7.1	27
42	Microparticles in patients undergoing transcatheter aortic valve implantation (TAVI). Heart and Vessels, 2017, 32, 458-466.	1.2	27
43	Syndecan-1 Predicts Outcome in Patients with ST-Segment Elevation Infarction Independent from Infarct-related Myocardial Injury. Scientific Reports, 2019, 9, 18367.	3.3	27
44	Acidosis predicts mortality independently from hyperlactatemia in patients with sepsis. European Journal of Internal Medicine, 2020, 76, 76-81.	2.2	27
45	Transcatheter valve-in-valve implantation (ViV-TAVR) for failed surgical aortic bioprosthetic valves. Clinical Research in Cardiology, 2019, 108, 83-92.	3.3	25
46	Monocenter Investigation MicraÂ® MRI study (MIMICRY): feasibility study of the magnetic resonance imaging compatibility of a leadless pacemaker system. Europace, 2019, 21, 137-141.	1.7	24
47	Anti-coagulation for COVID-19 treatment: both anti-thrombotic and anti-inflammatory?. Journal of Thrombosis and Thrombolysis, 2021, 51, 226-231.	2.1	24
48	Neutrophil-to-lymphocyte ratio and monocyte-to-lymphocyte ratio predict length of hospital stay in myocarditis. Scientific Reports, 2021, 11, 18101.	3.3	23
49	Impact of diabetes mellitus and its complications: survival and quality-of-life in critically ill patients. Journal of Diabetes and Its Complications, 2015, 29, 1130-1135.	2.3	21
50	Elevated Plasma Levels of Interleukin-12p40 and Interleukin-16 in Overweight Adolescents. BioMed Research International, 2015, 2015, 1-7.	1.9	20
51	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. Journal of Thoracic Disease, 2016, 8, E621-E624.	1.4	20
52	The Diagnostic and Therapeutic Value of Multimarker Analysis in Heart Failure. An Approach to Biomarker-Targeted Therapy. Frontiers in Cardiovascular Medicine, 2020, 7, 579567.	2.4	20
53	Tricuspid Regurgitation â€“ Medical Management and Evolving Interventional Concepts. Frontiers in Cardiovascular Medicine, 2018, 5, 49.	2.4	19
54	How spaceflight challenges human cardiovascular health. European Journal of Preventive Cardiology, 2022, 29, 1399-1411.	1.8	19

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55	Increased arginase levels contribute to impaired perfusion after cardiopulmonary resuscitation. European Journal of Clinical Investigation, 2014, 44, 965-971.	3.4	18
56	Influences of Ivabradine treatment on serum levels of cardiac biomarkers sST2, GDF-15, suPAR and H-FABP in patients with chronic heart failure. Acta Pharmacologica Sinica, 2018, 39, 1189-1196.	6.1	18
57	Insulin like growth factor binding protein 2 (IGFBP-2) for risk prediction in patients with severe aortic stenosis undergoing Transcatheter Aortic Valve Implantation (TAVI). International Journal of Cardiology, 2019, 277, 54-59.	1.7	18
58	Right Ventricular Longitudinal Strain Predicts Survival in Patients With Functional Tricuspid Regurgitation. Canadian Journal of Cardiology, 2021, 37, 1086-1093.	1.7	18
59	Analysis of novel cardiovascular biomarkers in patients with peripheral artery disease. Minerva Medica, 2018, 109, 443-450.	0.9	18
60	Anti-Thymocyte Globulin Induces Neoangiogenesis and Preserves Cardiac Function after Experimental Myocardial Infarction. PLoS ONE, 2012, 7, e52101.	2.5	17
61	Through modulation of cardiac Ca²⁺ handling, UCP2 affects cardiac electrophysiology and influences the susceptibility for Ca²⁺â€mediated arrhythmias. Experimental Physiology, 2017, 102, 650-662.	2.0	17
62	Predictive value of the augmentation index derived vascular age in patients with newly diagnosed atherosclerosis. Heart and Vessels, 2017, 32, 252-259.	1.2	17
63	Disease-specific characteristics of vascular cell adhesion molecule-1 levels in patients with peripheral artery disease. Heart and Vessels, 2019, 34, 976-983.	1.2	17
64	Expression of the Novel Cardiac Biomarkers sST2, GDF-15, suPAR, and H-FABP in HFpEF Patients Compared to ICM, DCM, and Controls. Journal of Clinical Medicine, 2020, 9, 1130.	2.4	17
65	Admission Body Temperature in Critically Ill Patients as an Independent Risk Predictor for Overall Outcome. Medical Principles and Practice, 2020, 29, 389-395.	2.4	16
66	Infective endocarditis â€“ A review of current therapy and future challenges. Hellenic Journal of Cardiology, 2020, 62, 190-200.	1.0	16
67	Efficacy of anthropometric measures for identifying cardiovascular disease risk in adolescents: review and meta-analysis. Minerva Pediatrics, 2018, 70, 371-382.	0.4	16
68	Elevated plasma levels of interleukin-16 in patients with acute myocardial infarction. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	15
69	Novel Biomarkers in Patients with Chronic Kidney Disease: An Analysis of Patients Enrolled in the GCKD-Study. Journal of Clinical Medicine, 2020, 9, 886.	2.4	15
70	Increased levels of circulating arginase I in overweight compared to normal weight adolescents. Pediatric Diabetes, 2014, 15, 51-56.	2.9	14
71	Differential Impact of Hyperglycemia in Critically Ill Patients: Significance in Acute Myocardial Infarction but Not in Sepsis?. International Journal of Molecular Sciences, 2016, 17, 1586.	4.1	14
72	Dual vs single antiplatelet therapy in patients with lower extremity peripheral artery disease â€“ A meta-analysis. International Journal of Cardiology, 2018, 269, 292-297.	1.7	14

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73	A new player in the game: treatment with antagomiR-21a-5p significantly attenuates histological and echocardiographic effects of experimental autoimmune myocarditis. Cardiovascular Research, 2022, 118, 556-572.	3.8	14
74	Hypoglycemia but Not Hyperglycemia Is Associated with Mortality in Critically Ill Patients with Diabetes. Medical Principles and Practice, 2019, 28, 186-192.	2.4	13
75	Characterization of dendritic cells in human and experimental myocarditis. ESC Heart Failure, 2020, 7, 2305-2317.	3.1	13
76	Lung tissue remodelling in MCT-induced pulmonary hypertension: a proposal for a novel scoring system and changes in extracellular matrix and fibrosis associated gene expression. Oncotarget, 2016, 7, 81241-81254.	1.8	13
77	Implantation depth measured by 64-slice computed tomography is associated with permanent pacemaker requirement following transcatheter aortic valve implantation with the Core Valve Â® system. Journal of Cardiology, 2016, 67, 513-518.	1.9	12
78	Model for End-Stage Liver Disease Excluding INR (MELD-XI) score is associated with hemodynamic impairment and predicts mortality in critically ill patients. European Journal of Internal Medicine, 2018, 51, 80-84.	2.2	12
79	Specifics of fetuinâ€A levels in distinct types of chronic heart failure. Journal of Clinical Laboratory Analysis, 2018, 32, .	2.1	12
80	Multi-biomarker analysis in patients after transcatheter aortic valve implantation (TAVI). Biomarkers, 2018, 23, 773-780.	1.9	12
81	Analysis of human microcirculation in weightlessness: Study protocol and pre-study experiments. Clinical Hemorheology and Microcirculation, 2018, 70, 119-127.	1.7	12
82	Carcinoid heart disease involving the left heart: a case report and biomarker analysis. ESC Heart Failure, 2019, 6, 222-227.	3.1	12
83	Myocardial lipofuscinâ€laden lysosomes contain the apoptosis marker caspaseâ€cleaved cytokeratinâ€18. European Journal of Clinical Investigation, 2008, 38, 708-712.	3.4	11
84	Stem Cell Therapy for Myocardial Infarction 2001â€“2013 Revisited. Stem Cell Reviews and Reports, 2015, 11, 743-751.	5.6	11
85	Psychosocial factors, mental health, and coordination capacity in patients with heart failure with preserved ejection fraction compared with heart failure with reduced ejection fraction. ESC Heart Failure, 2021, 8, 3268-3278.	3.1	11
86	Clinical safety of an MRI conditional implantable cardioverter defibrillator system: A prospective Monocenter ICDâ€Magnetic resonance Imaging feasibility study (MIMI). Journal of Magnetic Resonance Imaging, 2016, 43, 574-584.	3.4	10
87	In-stent restenosis after interventional treatment of carotid artery stenoses: a long-term follow-up of a single center cohort. Clinical Research in Cardiology, 2017, 106, 493-500.	3.3	10
88	Alterations in systemic levels of Th1, Th2, and Th17 cytokines in overweight adolescents and obese mice. Pediatric Diabetes, 2017, 18, 714-721.	2.9	10
89	Anti-CD3 Antibody Treatment Reduces Scar Formation in a Rat Model of Myocardial Infarction. Cells, 2020, 9, 295.	4.1	10
90	Gold-coated pacemaker implantation for a patient with type IV allergy to titanium. Indian Pacing and Electrophysiology Journal, 2015, 15, 291-292.	0.6	9

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91	Differences in Stem Cell Processing Lead to Distinct Secretomes Secretionâ€"Implications for Differential Results of Previous Clinical Trials of Stem Cell Therapy for Myocardial Infarction. Biotechnology Journal, 2017, 12, 1600732.	3.5	9
92	Sex-specific outcome disparities in very old patients admitted to intensive care medicine: a propensity matched analysis. Scientific Reports, 2020, 10, 18671.	3.3	9
93	Acute effects of moderate altitude on biomarkers of cardiovascular inflammation and endothelial function and their differential modulation by dual endothelin receptor blockade. Clinical Hemorheology and Microcirculation, 2017, 67, 101-113.	1.7	9
94	The differential diagnostic value of selected cardiovascular biomarkers in Takotsubo syndrome. Clinical Research in Cardiology, 2022, 111, 197-206.	3.3	9
95	Cardiovascular Biomarkers for Prediction of in-hospital and 1-Year Post-discharge Mortality in Patients With COVID-19 Pneumonia. Frontiers in Medicine, 0, 9, .	2.6	9
96	Phosphate Buffered Saline Containing Calcium and Magnesium Elicits Increased Secretion of Interleukin-1 Receptor Antagonist. Laboratory Medicine, 2009, 40, 290-293.	1.2	8
97	Myocardial infarct size measurement using geometric angle calculation. European Journal of Clinical Investigation, 2014, 44, 160-167.	3.4	8
98	Effect of endothelinâ€1 and endothelin receptor blockade on the release of microparticles. European Journal of Clinical Investigation, 2016, 46, 707-713.	3.4	8
99	Subcutaneous Double â€œPurse String Sutureâ€â€"A Safe Method for Femoral Vein Access Site Closure after Leadless Pacemaker Implantation. PACE - Pacing and Clinical Electrophysiology, 2016, 39, 675-679.	1.2	8
100	Cardiac-Specific Overexpression of Oxytocin Receptor Leads to Cardiomyopathy in Mice. Journal of Cardiac Failure, 2018, 24, 470-478.	1.7	8
101	Easy prognostic assessment of concomitant organ failure in critically ill patients undergoing mechanical ventilation. European Journal of Internal Medicine, 2019, 70, 18-23.	2.2	8
102	Transient Hypoxia Leads to Increased Serum Levels of Heat Shock Protein-27, -70 and Caspase-Cleaved Cytokeratin 18. Clinical Laboratory, 2014, 60, 323-8.	0.5	8
103	Anti-alpha-Gal antibody titres remain unaffected by the consumption of fermented milk containingLactobacillus caseiin healthy adults. International Journal of Food Sciences and Nutrition, 2012, 63, 278-282.	2.8	7
104	Pulse contour cardiac output monitoring in acute heart failure patients. Wiener Klinische Wochenschrift, 2016, 128, 864-869.	1.9	7
105	Long-QT syndrome-associated caveolin-3 mutations differentially regulate the hyperpolarization-activated cyclic nucleotide gated channel 4. Physiology International, 2017, 104, 130-138.	1.6	7
106	Role of proprotein convertase subtilisin/kexin type 9 inhibitors in patients with coronary artery disease undergoing percutaneous coronary intervention. Expert Review of Cardiovascular Therapy, 2018, 16, 419-429.	1.5	7
107	Serum heart-type fatty acid-binding protein decreases and soluble isoform of suppression of tumorigenicity 2 increases significantly by long-term physical activity. Journal of Investigative Medicine, 2019, 67, 833-840.	1.6	7
108	Blood parameter analysis after short term exposure to weightlessness in parabolic flight. Clinical Hemorheology and Microcirculation, 2019, 70, 477-486.	1.7	7

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109	Influence of dabigatran on pro-inflammatory cytokines, growth factors and chemokines â€“ Slowing the vicious circle of coagulation and inflammation. Life Sciences, 2020, 262, 118474.	4.3	7
110	Exposure to acute normobaric hypoxia results in adaptions of both the macro- and microcirculatory system. Scientific Reports, 2020, 10, 20938.	3.3	7
111	Dynamic Changes of Heart Failure Biomarkers in Response to Parabolic Flight. International Journal of Molecular Sciences, 2020, 21, 3467.	4.1	7
112	Partial oral antibiotic therapy is non-inferior to intravenous therapy in non-critically ill patients with infective endocarditis. Wiener Klinische Wochenschrift, 2020, 132, 762-769.	1.9	7
113	Management of Implantable Cardioverter-Defibrillators during Pregnancyâ€”A Systematic Review. Journal of Clinical Medicine, 2021, 10, 1675.	2.4	7
114	TBX20 and the PROK2-PROKR1 pathwayâ€”new kid on the block in angiogenesis research. Annals of Translational Medicine, 2018, 6, S8-S8.	1.7	7
115	Management and outcomes in critically ill nonagenarian versus octogenarian patients. BMC Geriatrics, 2021, 21, 576.	2.7	7
116	Secretome of Stressed Peripheral Blood Mononuclear Cells Alters Transcriptome Signature in Heart, Liver, and Spleen after an Experimental Acute Myocardial Infarction: An In Silico Analysis. Biology, 2022, 11, 116.	2.8	7
117	Serum Levels of Irisin Predict Cumulative Clinical Outcomes in Heart Failure Patients With Type 2 Diabetes Mellitus. Frontiers in Physiology, 2022, 13, .	2.8	7
118	Postpartum woman with pneumomediastinum and reverse (inverted) takotsubo cardiomyopathy: a case report. Journal of Medical Case Reports, 2014, 8, 89.	0.8	6
119	Temporary leadless pacing in a patient with severe device infection. BMJ Case Reports, 2016, 2016, bcr2016215724.	0.5	6
120	Transcatheter aortic valve implantation without prior balloon valvuloplasty is associated with less pronounced markers of myocardial injury. Journal of Cardiovascular Surgery, 2020, 61, 243-249.	0.6	6
121	Higher Incidence of Stroke in Severe COVID-19 Is Not Associated With a Higher Burden of Arrhythmias: Comparison With Other Types of Severe Pneumonia. Frontiers in Cardiovascular Medicine, 2021, 8, 763827.	2.4	6
122	Dexamethasone Improves Cardiovascular Outcomes in Critically Ill COVID-19, a Real World Scenario Multicenter Analysis. Frontiers in Medicine, 2022, 9, 808221.	2.6	6
123	Microvesicles and ectosomes in angiogenesis and diabetes - message in a bottle in the vascular ocean. Theranostics, 2018, 8, 3974-3976.	10.0	5
124	Transcatheter aortic valve implantation in a patient with suspected hereditary von Willebrand disease and severe gastrointestinal bleeding â€“ a case report. Scottish Medical Journal, 2019, 64, 142-147.	1.3	5
125	Pathophysiology of Calcium Mediated Ventricular Arrhythmias and Novel Therapeutic Options with Focus on Gene Therapy. International Journal of Molecular Sciences, 2019, 20, 5304.	4.1	5
126	Autoimmune myocarditis is not associated with left ventricular systolic dysfunction. European Journal of Clinical Investigation, 2019, 49, e13132.	3.4	5

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127	Next-generation sequencing analysis of circulating micro-RNA expression in response to parabolic flight as a spaceflight analogue. Npj Microgravity, 2020, 6, 31.	3.7	5
128	Regular Training Increases sTWEAK and Its Decoy Receptor sCD163â€“Does Training Trigger the sTWEAK/sCD163-Axis to Induce an Anti-Inflammatory Effect?. Journal of Clinical Medicine, 2020, 9, 1899.	2.4	5
129	Tumor necrosis factor alphaâ€”an underestimated risk predictor in patients undergoing transcatheter aortic valve replacement (TAVR)?. Journal of Clinical Laboratory Analysis, 2021, 35, e23977.	2.1	5
130	High peak PaO2 values associated with adverse outcome in patients treated with noninvasive ventilation for acute cardiogenic pulmonary edema and pneumonia. Panminerva Medica, 2017, 59, 290-296.	0.8	5
131	Novel cardiovascular biomarkers in patients with cardiovascular diseases undergoing intensive physical exercise. Panminerva Medica, 2020, 62, 135-142.	0.8	5
132	Severe Aortic Valve Stenosis and Pulmonary Hypertension: A Systematic Review of Non-Invasive Ways of Risk Stratification, Especially in Patients Undergoing Transcatheter Aortic Valve Replacement. Journal of Personalized Medicine, 2022, 12, 603.	2.5	5
133	Metabolomic Profiling in Patients with Heart Failure and Exercise Intolerance: Kynurenine as a Potential Biomarker. Cells, 2022, 11, 1674.	4.1	5
134	Visualization and appearance of artifacts of leadless pacemaker systems in cardiac MRI. Wiener Klinische Wochenschrift, 2018, 130, 427-435.	1.9	4
135	Promising Novel Biomarkers in Cardiovascular Diseases. Applied Sciences (Switzerland), 2021, 11, 3654.	2.5	4
136	Economic assessment of traditional surgical intervention versus use of a new innovative radiofrequency based surgical system in device replacements. PLoS ONE, 2018, 13, e0192587.	2.5	4
137	Impact of Moderate Altitude on Pro-Inflammatory Cytokines in Healthy Volunteers. Clinical Laboratory, 2017, 63, 1545-1548.	0.5	4
138	Soluble ST2 as a Potential Biomarker for Risk Assessment of Pulmonary Hypertension in Patients Undergoing TAVR?. Life, 2022, 12, 389.	2.4	4
139	Endothelialization and Inflammatory Reactions After Intracardiac Device Implantation. Advances in Experimental Medicine and Biology, 2022, , 1-22.	1.6	4
140	Association of inverted Takotsubo cardiomyopathy with postpartum pneumo-mediastinum: when a â€œbroken lungâ€•meets a â€œbroken heartâ€• Wiener Klinische Wochenschrift, 2014, 126, 1-1.	1.9	3
141	Endpoint design for future renal denervation trials â€” Novel implications for a new definition of treatment response to renal denervation. International Journal of Cardiology, 2016, 220, 273-278.	1.7	3
142	Extravascular lung water index and Halperin score to predict outcome in critically ill patients. Wiener Klinische Wochenschrift, 2018, 130, 505-510.	1.9	3
143	Real-world extravascular lung water index measurements in critically ill patients. Wiener Klinische Wochenschrift, 2019, 131, 321-328.	1.9	3
144	Assessment of Cardiac Remodelingâ€”A Chance for Novel Cardiac Biomarkers?. Journal of Clinical Medicine, 2020, 9, 2087.	2.4	3

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145	Left Atrial Ejection Fraction Assessed by Prior Cardiac CT Predicts Recurrence of Atrial Fibrillation after Pulmonary Vein Isolation. Journal of Clinical Medicine, 2021, 10, 752.	2.4	3
146	Economic assessment of traditional surgical valve replacement versus use of transfemoral intervention in degenerative aortic stenosis. Minerva Medica, 2021, 112, 372-383.	0.9	3
147	Emerging trends in cardiovascular research: HFpEF in the spotlight. A bibliometric analysis of the years 2009-2016. Minerva Medica, 2021, 112, 506-513.	0.9	3
148	Long-term physical activity modulates adipsin and ANGPTL4 serum levels, a potential link to exercise-induced metabolic changes. Panminerva Medica, 2021, , .	0.8	3
149	Analysis of Ambient Influences Affecting Interleukin-6 Secretion in the Context of Clinical Trials of Stem Cell Therapy for Myocardial Infarction. Clinical Laboratory, 2016, 62, 1061-8.	0.5	3
150	The Value of Fetuin-A as a Predictor to Identify Takotsubo Patients at Risk of Cardiovascular Events. Journal of Cardiovascular Development and Disease, 2021, 8, 127.	1.6	3
151	Analysis of Selected Cardiovascular Biomarkers in Takotsubo Cardiomyopathy and the Most Frequent Cardiomyopathies. Frontiers in Cardiovascular Medicine, 2021, 8, 700169.	2.4	3
152	Differential Diagnosis between Takotsubo Syndrome and Acute Coronary Syndromeâ€”A Prospective Analysis of Novel Cardiovascular Biomarkers for a More Selective Triage. Journal of Clinical Medicine, 2022, 11, 2974.	2.4	3
153	Global research trends in the medical therapy of pulmonary arterial hypertension 2000â€“2014. Pulmonary Pharmacology and Therapeutics, 2016, 39, 21-27.	2.6	2
154	Extraction of a trapped pacemaker lead in a pacemaker-dependent patient. Journal of Cardiology Cases, 2016, 13, 82-84.	0.5	2
155	Prime time for the sweet spot in timing of coronary invasive approach in patients with non-ST elevation myocardial infarction. Journal of Thoracic Disease, 2018, 10, 17-20.	1.4	2
156	Potential mechanisms of endothelialisation in individuals implanted with a leadless pacemaker systems: An experimental in vitro study. Journal of Electrocardiology, 2019, 55, 72-77.	0.9	2
157	Antithrombotic therapy in atrial fibrillation: stop triple therapy and start optimizing dual therapy?. Clinical Research in Cardiology, 2020, 109, 128-130.	3.3	2
158	Uncoupling fate: Klothoâ€”Goddess of fate and regulator of life and ageing. Australasian Journal on Ageing, 2020, 39, 161-163.	0.9	2
159	Mortality after cardiopulmonary resuscitation on aÂmedical ICU. Wiener Klinische Wochenschrift, 2021, 133, 492-499.	1.9	2
160	Heart Failure and Diabetes Mellitus: Biomarkers in Risk Stratification and Prognostication. Applied Sciences (Switzerland), 2021, 11, 4397.	2.5	2
161	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
162	Direct Flow Medical vs. Edwards Sapien 3 Prosthesis: A Propensity Matched Comparison on Intermediate Safety and Mortality. Frontiers in Cardiovascular Medicine, 2021, 8, 671719.	2.4	2

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163	Dawn of a new era: the completely interventionally treated patient. BMJ Case Reports, 2016, 2016, bcr2015214268.	0.5	2
164	Coronary Pan-Ischemia as a First Sign of a Fulminant Host-Versus-Graft Reaction Eight Years After Orthotopic Heart Transplantation. International Heart Journal, 2015, 56, 679-681.	1.0	2
165	Effect of a weight loss program in obese adolescents; a long-term follow-up. Nutricion Hospitalaria, 2014, 30, 267-74.	0.3	2
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