

Redefining Cardiac Biomarkers in Predicting Mortality

Hypertension

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lupus anticoagulant and mortality in patients hospitalized for COVID-19. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, 52, 85-91.	1.0	22
2	Association between antithrombin and mortality in patients with COVID-19. A possible link with obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1914-1919.	1.1	46
3	Prevalence and prognostic value of elevated troponins in patients hospitalised for coronavirus disease 2019: a systematic review and meta-analysis. <i>Journal of Intensive Care</i> , 2020, 8, 88.	1.3	31
4	Risk factors for severe and critically ill COVID-19 patients: A review. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 428-455.	2.7	904
5	Development and validation of a nomogram using on admission routine laboratory parameters to predict in-hospital survival of patients with COVID-19. <i>Journal of Medical Virology</i> , 2021, 93, 2332-2339.	2.5	12
6	High expression of neutrophil and monocyte CD64 with simultaneous lack of upregulation of adhesion receptors CD11b, CD162, CD15, CD65 on neutrophils in severe COVID-19. <i>Therapeutic Advances in Infectious Disease</i> , 2021, 8, 204993612110340.	1.1	13
7	Cardiac Biomarker Levels and Their Prognostic Values in COVID-19 Patients With or Without Concomitant Cardiac Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 599096.	1.1	9
8	The cardiovascular complications in COVID-19: Focus on acute cardiac injury. <i>Pakistan Journal of Medical Sciences</i> , 2021, 37, 908-912.	0.3	5
9	CANPT Score: A Tool to Predict Severe COVID-19 on Admission. <i>Frontiers in Medicine</i> , 2021, 8, 608107.	1.2	15
10	Multimodality diagnosis of cardiac involvement in COVID-19 patients. <i>Revista Romana De Cardiologie</i> , 2021, 31, 17-26.	0.0	2
11	Biomarkers of Cardiac Stress and Cytokine Release Syndrome in COVID-19: A Review. <i>Current Heart Failure Reports</i> , 2021, 18, 163-168.	1.3	9
12	Myoglobin and C-reactive protein are efficient and reliable early predictors of COVID-19 associated mortality. <i>Scientific Reports</i> , 2021, 11, 5975.	1.6	26
13	Estimating risk of mechanical ventilation and in-hospital mortality among adult COVID-19 patients admitted to Mass General Brigham: The VICE and DICE scores. <i>EClinicalMedicine</i> , 2021, 33, 100765.	3.2	74
14	Cardiac troponin and COVID-19 severity: Results from BIOCOVID study. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13532.	1.7	38
15	The Impact of Frailty on COVID-19 Outcomes: A Systematic Review and Meta-analysis of 16 Cohort Studies. <i>Journal of Nutrition, Health and Aging</i> , 2021, 25, 702-709.	1.5	32
16	Biomarkers in COVID-19: An Up-To-Date Review. <i>Frontiers in Pediatrics</i> , 2020, 8, 607647.	0.9	187
18	Clinical features and follow-up of pediatric patients hospitalized for COVID-19. <i>Pediatric Pulmonology</i> , 2021, 56, 1967-1975.	1.0	7
19	Meta-analysis of cardiac markers for predictive factors on severity and mortality of COVID-19. <i>International Journal of Infectious Diseases</i> , 2021, 105, 551-559.	1.5	24

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20	A Novel Machine Learning Based Screening Method For High-Risk Covid-19 Patients Based On Simple Blood Exams. , 2021, , .		7
21	A risk score based on baseline risk factors for predicting mortality in COVID-19 patients. Current Medical Research and Opinion, 2021, 37, 917-927.	0.9	11
22	International register "Dynamics analysis of comorbidities in SARS-CoV-2 survivors"(AKTIV) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Cardiology, 2021, 26, 4470.	0.4	34
23	The prognostic role of cardiac troponin in hospitalized COVID-19 patients. Atherosclerosis, 2021, 325, 83-88.	0.4	14
24	COVID and Cardiovascular Disease: What We Know in 2021. Current Atherosclerosis Reports, 2021, 23, 37.	2.0	66
25	Elevated serum SDMA and ADMA at hospital admission predict in-hospital mortality of COVID-19 patients. Scientific Reports, 2021, 11, 9895.	1.6	18
27	B-Type Natriuretic Peptide Concentrations, COVID-19 Severity, and Mortality: A Systematic Review and Meta-Analysis With Meta-Regression. Frontiers in Cardiovascular Medicine, 2021, 8, 690790.	1.1	19
28	COVID-19-related cardiac complications from clinical evidences to basic mechanisms: opinion paper of the ESC Working Group on Cellular Biology of the Heart. Cardiovascular Research, 2021, 117, 2148-2160.	1.8	26
29	Serum biomarkers of cardiovascular complications in COVID-19. Russian Journal of Cardiology, 2021, 26, 4456.	0.4	5
31	Natriuretic Peptide Levels and Clinical Outcomes Among Patients Hospitalized With Coronavirus Disease 2019 Infection. , 2021, 3, e0498.		0
32	Cardiac biomarkers in patients with COVID-19: pragmatic tools in hard times. Revista Espanola De Cardiologia (English Ed), 2021, 74, 566-568.	0.4	2
33	Ruolo dei marcatori miocardici nelle manifestazioni cardiovascolari di COVID-19. Rivista Italiana Della Medicina Di Laboratorio, 2021, 17, .	0.2	0
34	Predicting clinical outcomes among hospitalized COVID-19 patients using both local and published models. BMC Medical Informatics and Decision Making, 2021, 21, 224.	1.5	12
36	Inflammatory damage to the myocardium in patients with novel coronavirus disease (COVID-19). ZaporoÅ¼skij Medicinskij Å½urnal, 2021, 23, 555-565.	0.0	2
37	Admission NTâ€¢proBNP and outcomes in patients without history of heart failure hospitalized with COVIDâ€¢19. ESC Heart Failure, 2021, 8, 4278-4287.	1.4	20
38	Predictive Value of Myocardial injury in Patients with COVID-19 Admitted to a Quaternary Hospital in the City of Rio de Janeiro. International Journal of Cardiovascular Sciences, 2021, , .	0.0	0
39	Relevance of myocardial injury biomarkers to the prognosis of COVID-19 patients. Revista Espanola De Cardiologia (English Ed), 2021, 75, 105-105.	0.4	0
40	Myoglobin Offers Higher Accuracy Than Other Cardiac-Specific Biomarkers for the Prognosis of COVID-19. Frontiers in Cardiovascular Medicine, 2021, 8, 686328.	1.1	9

#	ARTICLE	IF	CITATIONS
41	Cardiac and Renal SARS-CoV-2 Viral Entry Protein Regulation by Androgens and Diet: Implications for Polycystic Ovary Syndrome and COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9746.	1.8	3
42	COVID-19 and Cardiovascular Disease: Mechanisms and Implications. , 0, , .		0
43	High-value laboratory testing for hospitalized COVID-19 patients: a review. <i>Future Virology</i> , 2021, 16, 691-705.	0.9	11
44	Role of Cardiac Biomarkers in COVID-19: What Recent Investigations Tell Us?. <i>Current Problems in Cardiology</i> , 2021, 46, 100842.	1.1	16
45	The prognostic value of cardiac troponin for 60 day mortality and major adverse events in COVID-19 patients. <i>Cardiovascular Pathology</i> , 2021, 55, 107374.	0.7	2
46	Cardiovascular implications and complications of the coronavirus disease-2019 pandemic: a world upside down. <i>Current Opinion in Cardiology</i> , 2021, 36, 241-251.	0.8	5
50	Acute and Chronic Effects of COVID-19 on the Cardiovascular System. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 128.	0.8	16
51	Comprehensive Review of Cardiovascular Complications of Coronavirus Disease 2019 and Beneficial Treatments. <i>Cardiology in Review</i> , 2022, 30, 145-157.	0.6	11
52	Cardiac biomarkers alterations in patients with SARS-CoV-2 infection. <i>Romanian Journal of Internal Medicine = Revue Roumaine De Medecine Interne</i> , 2021, .	0.3	1
53	COVID-19 and the Incidence of Acute Myocardial Injury. <i>Hamostaseologie</i> , 2021, 41, 356-364.	0.9	6
54	Biomarkers in the management of acute heart failure: state of the art and role in COVID-19 era. <i>ESC Heart Failure</i> , 2021, 8, 4465-4483.	1.4	10
55	Association of Mortality-Related Risk Factors in Patients with COVID-19: A Retrospective Cohort Study. <i>Healthcare (Switzerland)</i> , 2021, 9, 1468.	1.0	14
57	Cardiovascular injuries and SARS-COV-2 infection: focus on elderly people. <i>Journal of Geriatric Cardiology</i> , 2021, 18, 534-548.	0.2	2
58	Risk factors for COVID-19 progression and mortality in hospitalized patients without pre-existing comorbidities. <i>Journal of Infection and Public Health</i> , 2022, 15, 13-20.	1.9	30
59	Functional Effects of Cardiomyocyte Injury in COVID-19. <i>Journal of Virology</i> , 2022, 96, JVI0106321.	1.5	17
60	The Predictive Value of Myoglobin for COVID-19-Related Adverse Outcomes: A Systematic Review and Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 757799.	1.1	11
61	Hypertension Update: A Reflection of the Past Decade. <i>Hypertension</i> , 2021, 78, 1670-1673.	1.3	0
62	Heart damage in COVID-19. <i>Profilakticheskaya Meditsina</i> , 2021, 24, 112.	0.2	0

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63	Subclinical myocardial injury, coagulopathy, and inflammation in COVID-19: A meta-analysis of 41,013 hospitalized patients. <i>IJC Heart and Vasculature</i> , 2022, 40, 100950.	0.6	14
64	The value of indicators characterizing the state of the cardiovascular system in assessing the hospital prognosis of COVID-19 patients. <i>Kardiologiya</i> , 2021, 61, 26-35.	0.3	3
65	The enzymes in COVID-19: A review. <i>Biochimie</i> , 2022, 197, 38-48.	1.3	6
66	Combined Role of Troponin and Natriuretic Peptides Measurements in Patients With Covid-19 (from the Tj ETQq1 10.784314 rgBT / Qv)	0.7	14
67	Factors associated with mortality in hospitalized cardiovascular disease patients infected with COVID-19. <i>Immunity, Inflammation and Disease</i> , 2022, 10, .	1.3	12
68	Effects of the NF- κ B Signaling Pathway Inhibitor BAY11-7082 in the Replication of ASFV. <i>Viruses</i> , 2022, 14, 297.	1.5	14
71	Role of a lower cutoff of high sensitivity troponin I in identification of early cardiac damage in non-severe patients with COVID-19. <i>Scientific Reports</i> , 2022, 12, 2389.	1.6	3
72	Activation of Immune System May Cause Pathophysiological Changes in the Myocardium of SARS-CoV-2 Infected Monkey Model. <i>Cells</i> , 2022, 11, 611.	1.8	0
73	Dynamic profiles and predictive values of some biochemical and haematological quantities in COVID-19 inpatients. <i>Biochemia Medica</i> , 2022, 32, 74-84.	1.2	3
74	Emerging Role of Platelet-Endothelium Interactions in the Pathogenesis of Severe SARS-CoV-2 Infection-Associated Myocardial Injury. <i>Frontiers in Immunology</i> , 2022, 13, 776861.	2.2	12
75	Biomarkers Associated with Cardiovascular Disease in COVID-19. <i>Cells</i> , 2022, 11, 922.	1.8	12
76	Fiber-integrated WGM optofluidic chip enhanced by microwave photonic analyzer for cardiac biomarker detection with ultra-high resolution. <i>Biosensors and Bioelectronics</i> , 2022, 208, 114238.	5.3	20
77	A close-up view of dynamic biomarkers in the setting of COVID-19: Striking focus on cardiovascular system. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 274-286.	1.6	11
78	N-terminal Pro-B-type Natriuretic Peptide as a Biomarker for the Severity and Outcomes With COVID-19 in a Nationwide Hospitalized Cohort. <i>Journal of the American Heart Association</i> , 2021, 10, e022913.	1.6	15
79	A Comparison of XGBoost, Random Forest, and Nomograph for the Prediction of Disease Severity in Patients With COVID-19 Pneumonia: Implications of Cytokine and Immune Cell Profile. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 819267.	1.8	16
82	Myocardial Injury Predicts Risk of Short-Term All-Cause Mortality in Patients With COVID-19: A Dose-Response Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 850447.	1.1	5
83	Evaluating the role of transthoracic echocardiography in hospitalised patients with COVID-19 infection. <i>Open Heart</i> , 2022, 9, e001854.	0.9	5
85	Diagnostic Accuracy of Liquid Biomarkers in Airway Diseases: Toward Point-of-Care Applications. <i>Frontiers in Medicine</i> , 2022, 9, .	1.2	9

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86	<scp>Multiâ€disciplinary</scp> collaborative consensus guidance statement on the assessment and treatment of cardiovascular complications in patients with <scp>postâ€acute</scp> sequelae of <scp>SARSâ€CoV</scp>â€2 infection (<scp>PASC</scp>). PM and R, 2022, 14, 855-878.	0.9	17
87	Cardiac Complications of COVID-19 in Low-Risk Patients. Viruses, 2022, 14, 1322.	1.5	9
88	Coronavirus disease 2019 and the cardiologist. Current Opinion in Cardiology, 2022, 37, 335-342.	0.8	1
89	The Role of Biomarkers in Hospitalized COVID-19 Patients With Systemic Manifestations. Biomarker Insights, 2022, 17, 117727192211089.	1.0	7
90	The role of biomarkers in the prediction of mortality in hospitalized patients for COVID-19. F1000Research, 0, 11, 753.	0.8	0
91	Heart failure in general and cardiac transplant patients with COVID-19. World Journal of Cardiology, 2022, 14, 392-402.	0.5	0
92	Cardiac Complications of COVID-19 Infection and the Role of Physical Activity. Journal of Cardiopulmonary Rehabilitation and Prevention, 2023, 43, 8-14.	1.2	9
93	Cardiovascular markers and COVID-19. Materials Today: Proceedings, 2022, , .	0.9	0
94	Cardiovascular complications and predictors of mortality in hospitalized patients with COVID-19: a cross-sectional study from the Indian subcontinent. Tropical Medicine and Health, 2022, 50, .	1.0	9
95	Consequences of COVID-19 on the cardiovascular and renal systems. Sleep Medicine, 2022, 100, 31-38.	0.8	2
97	Laboratory Markers of COVID-19 in the Emergency Room. Biomarkers in Disease, 2022, , 1-28.	0.0	0
98	Utility of cardiac bioenzymes in predicting cardiovascular outcomes in SARS-CoV-2. World Journal of Virology, 0, 11, 375-390.	1.3	4
99	Impact of concomitant COVID-19 on the outcome of patients with acute myocardial infarction undergoing coronary artery angiography. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	2
100	Elevated Troponin and Mortality in Patients with COVID-19: A Multicenter Retrospective Cohort Study. Open Cardiovascular Medicine Journal, 2022, 16, .	0.6	0
101	Prognostic value of the TyG index for in-hospital mortality in nondiabetic COVID-19 patients with myocardial injury. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2022, 68, 1297-1302.	0.3	1
102	Evaluation of the added value of Brain Natriuretic Peptide to a validated mortality risk-prediction model in older people using a standardised international clinical assessment tool. PLoS ONE, 2022, 17, e0277850.	1.1	0
104	Effect of troponin I and coagulation parameters on mortality in COVID-19 patients. Marmara Medical Journal, 0, , .	0.2	0
105	COVID-19: A Comprehensive Review on Cardiovascular Alterations, Immunity, and Therapeutics in Older Adults. Journal of Clinical Medicine, 2023, 12, 488.	1.0	5

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106	Innate immune responses in COVID-19. , 2023, , 63-128.		0
107	Prognostic biomarkers for cardiovascular injury in patients with COVID-19: a review. SeÄenovskij Vestnik, 2023, 13, 14-23.	0.3	0
108	Integrating Network Pharmacology and an Experimental Model to Investigate the Effect of Zhenwu Decoction on Doxorubicin-Induced Heart Failure. Combinatorial Chemistry and High Throughput Screening, 2023, 26, .	0.6	1
109	African Swine Fever Virus Envelope Glycoprotein CD2v Interacts with Host CSF2RA to Regulate the JAK2-STAT3 Pathway and Inhibit Apoptosis to Facilitate Virus Replication. Journal of Virology, 2023, 97, .	1.5	6
110	What can autopsy say about COVID-19? A case series of 60 autopsies. Legal Medicine, 2023, 62, 102241.	0.6	1
112	How Does COVID-19 Affect the Heart?. Current Cardiology Reports, 2023, 25, 171-184.	1.3	7
113	Laboratory Markers of COVID-19 in the Emergency Room. Biomarkers in Disease, 2023, , 889-916.	0.0	0