

CITATION REPORT

List of articles citing

COVID-19 and the cardiovascular system

DOI: 10.1038/s41569-020-0360-5

Nature Reviews Cardiology, 2020, 17, 259-260.

Source: <https://exaly.com/paper-pdf/77045498/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2194	Birthday Honours. 1899 , 1, 1421-1422		
2193	COVID-19, a far cry from the influenza. 2020 , 3, 100-103		2
2192	The COVID-19 pandemic: a global health crisis. 2020 , 52, 549-557		93
2191	Effectiveness of the Strategies Implemented in Sri Lanka for Controlling the COVID-19 Outbreak. 2020 , 2020, 1-10		8
2190	Updated guidance on the management of COVID-19: from an American Thoracic Society/European Respiratory Society coordinated International Task Force (29 July 2020). 2020 , 29,		50
2189	The prevalence of sleep disturbances among physicians and nurses facing the COVID-19 patients: a systematic review and meta-analysis. 2020 , 16, 92		52
2188	SARS-CoV-2 pathophysiology and its clinical implications: An integrative overview of the pharmacotherapeutic management of COVID-19. 2020 , 146, 111769		82
2187	Engineered nanomaterials as fighters against SARS-CoV-2: The way to control and treat pandemics. 2021 , 28, 40409-40415		12
2186	Cardiovascular diseases burden in COVID-19: Systematic review and meta-analysis. 2021 , 46, 382-391		32
2185	COVID-19 outbreak: Challenges in pharmacotherapy based on pharmacokinetic and pharmacodynamic aspects of drug therapy in patients with moderate to severe infection. 2020 , 49, 763-773		13
2184	The Potential Role of Coagulation Factor Xa in the Pathophysiology of COVID-19: A Role for Anticoagulants as Multimodal Therapeutic Agents. 2020 , 4, e288-e299		15
2183	Pathophysiology of Cardiovascular Complications in COVID-19. 2020 , 11, 575600		21
2182	The Anxiety-Buffer Hypothesis in the Time of COVID-19: When Self-Esteem Protects From the Impact of Loneliness and Fear on Anxiety and Depression. 2020 , 11, 2177		50
2181	Cardiovascular disease and cardiovascular outcomes in COVID-19. 2020 , 37, 191		4
2180	Prognostic Utility of Right Ventricular Remodeling Over Conventional Risk Stratification in Patients With COVID-19. 2020 , 76, 1965-1977		45
2179	PI3K Inhibition as a Potential Therapeutic Target in COVID-19. 2020 , 11, 2094		15
2178	Swollen heart in COVID-19 patients who progress to critical illness: a perspective from echo-cardiologists. 2020 , 7, 3621		14

2177	Neither ACEIs nor ARBs are associated with respiratory distress or mortality in COVID-19 results of a prospective study on a hospital-based cohort. 2020 , 15, 1477-1484	8
2176	Automated medical diagnosis of COVID-19 through EfficientNet convolutional neural network. 2020 , 96, 106691	81
2175	The emergence of COVID-19 as a global pandemic: Understanding the epidemiology, immune response and potential therapeutic targets of SARS-CoV-2. 2020 , 179, 85-100	47
2174	Dyspneic and non-dyspneic (silent) hypoxemia in COVID-19: Possible neurological mechanism. 2020 , 198, 106217	38
2173	COVID-19 pathways for brain and heart injury in comorbidity patients: A role of medical imaging and artificial intelligence-based COVID severity classification: A review. 2020 , 124, 103960	44
2172	Management and Outcomes of Patients With STEMI During the COVID-19 Pandemic in China. 2020 , 76, 1318-1324	76
2171	Angiotensin II suppression in SARS-CoV-2 infection: a therapeutic approach. 2020 , 40, 213-216	1
2170	Baseline electrolyte abnormalities would be related to poor prognosis in hospitalized coronavirus disease 2019 patients. 2020 , 37, 100753	34
2169	Chloroquine and hydroxychloroquine as ACE2 blockers to inhibit viropexis of 2019-nCoV Spike pseudotyped virus. 2020 , 79, 153333	31
2168	Association of vitamin D with the modulation of the disease severity in COVID-19. 2020 , 289, 198148	34
2167	Acute type A aortic dissection in a patient with COVID-19. 2021 , 17, 625-629	11
2166	Future developments in biosensors for field-ready SARS-CoV-2 virus diagnostics. 2021 , 68, 695-699	20
2165	Best practice in cardiac anesthesia during the COVID-19 pandemic: Practical recommendations. 2020 , 34, 569-582	6
2164	Plasma ACE2 and risk of death or cardiometabolic diseases: a case-cohort analysis. 2020 , 396, 968-976	59
2163	Influenza Vaccination to Reduce Cardiovascular Morbidity and Mortality in Patients With COVID-19: JACC State-of-the-Art Review. 2020 , 76, 1777-1794	26
2162	Early Research on COVID-19: A Bibliometric Analysis. 2020 , 1, 100027	16
2161	Sudden Cardiac Arrest in a Patient With Myxedema Coma and COVID-19. 2020 , 4, bvaa130	14
2160	A data-driven understanding of COVID-19 dynamics using sequential genetic algorithm based probabilistic cellular automata. 2020 , 96, 106692	21

2159	Antiviral activity of digoxin and ouabain against SARS-CoV-2 infection and its implication for COVID-19. 2020 , 10, 16200	36
2158	Assessment of surface roughness and blood rheology on local coronary haemodynamics: a multi-scale computational fluid dynamics study. 2020 , 17, 20200327	5
2157	The effect of the severity COVID-19 infection on electrocardiography. 2021 , 46, 317-322	17
2156	A systematic review and meta-analysis of the use of renin-angiotensin system drugs and COVID-19 clinical outcomes: What is the evidence so far?. 2020 , 8, e00666	8
2155	[Treatment of severe COVID-19 courses in intensive care medicine]. 2020 , 15, 1-8	
2154	[Renin-angiotensin system blockers and outcomes during hydroxychloroquine treatment in patients hospitalized for COVID-19 pneumonia]. 2020 , 73, 964-966	
2153	Gamut of cardiac manifestations and complications of COVID-19: a contemporary review. 2020 , 68, 1334-1340	9
2152	Impacts of COVID-19 on Liver Cancers: During and after the Pandemic. 2020 , 9, 491-502	26
2151	Unusual Cardiac Presentation of COVID-19 and Use of Convalescent Plasma. 2020 , 2020, 8863195	1
2150	Histopathologic and Autopsy Findings in Patients Diagnosed With Coronavirus Disease 2019 (COVID-19): What We Know So Far Based on Correlation With Clinical, Morphologic and Pathobiological Aspects. 2020 , 27, 363-370	15
2149	A Review of the State of the Art in Non-Contact Sensing for COVID-19. 2020 , 20,	24
2148	The benefits of Vitamin D in the COVID-19 pandemic: biochemical and immunological mechanisms. 2020 , 1-9	11
2147	THE CURRENT STATUS AND PERSPECTIVES FOR THE EMERGING PANDEMIC: COVID-19. 2020 , 1-10	1
2146	Endothelial glycocalyx damage as a systemic inflammatory microvascular endotheliopathy in COVID-19. 2020 , 43, 399-413	25
2145	Elective cardiac surgery during the COVID-19 pandemic: Proceed or postpone?. 2020 , 34, 643-650	11
2144	Pharmacological agents to therapeutic treatment of cardiac injury caused by Covid-19. 2020 , 262, 118510	32
2143	Autoimmunity to ACE2 as a possible cause of tissue inflammation in Covid-19. 2020 , 144, 110043	7
2142	SARS-CoV-2 infection and impact on female genital tract: An untested hypothesis. 2020 , 144, 110162	2

2141	Echocardiographic findings in critical patients with COVID-19. 2020 , 73, 861-863	4
2140	The Role of Smoking and Nicotine in the Transmission and Pathogenesis of COVID-19. 2020 , 375, 498-509	15
2139	Comorbidities, Cardiovascular Therapies, and COVID-19 Mortality: A Nationwide, Italian Observational Study (ItaliCO). 2020 , 7, 585866	35
2138	The role of Korean Medicine in the post-COVID-19 era: an online panel discussion part 1 - Clinical research. 2020 , 9, 100478	1
2137	Sex Differences in Mortality Rates and Underlying Conditions for COVID-19 Deaths in England and Wales. 2020 , 95, 2110-2124	22
2136	Renin-angiotensin system blockers and outcomes during hydroxychloroquine treatment in patients hospitalized for COVID-19 pneumonia. 2020 , 73, 964-966	
2135	How to manage thromboembolic risk in patient with SARS-CoV-2-related disease in the Emergency Department: A case report of cardiogenic shock due to massive pulmonary embolism. 2020 , 31, 101185	
2134	ANMCO POSITION PAPER: Considerations on in-hospital cardiological consultations and cardiology outpatient clinics during the COVID-19 pandemic. 2020 , 22, G228-G232	0
2133	Neuroprotective immunity by essential nutrient "Choline" for the prevention of SARS CoV2 infections: An in silico study by molecular dynamics approach. 2020 , 761, 138057	10
2132	Tissue Proteases and Immune Responses: Influencing Factors of COVID-19 Severity and Mortality. 2020 , 9,	2
2131	Projected supportive effects of Pycnogenol in patients suffering from multi-dimensional health impairments after a SARS-CoV2 infection. 2020 , 56, 106191	2
2130	Development of a quantitative segmentation model to assess the effect of comorbidity on patients with COVID-19. 2020 , 25, 49	3
2129	Cysteine focused covalent inhibitors against the main protease of SARS-CoV-2. 2020 , 1-20	7
2128	Host-pathogen interaction in COVID-19: Pathogenesis, potential therapeutics and vaccination strategies. 2020 , 225, 152008	39
2127	Coronaviruses: Innate Immunity, Inflammasome Activation, Inflammatory Cell Death, and Cytokines. 2020 , 41, 1083-1099	87
2126	An Evaluation of Traditional Persian Medicine for the Management of SARS-CoV-2. 2020 , 11, 571434	17
2125	Role of angiotensin-converting enzyme 2 and pericytes in cardiac complications of COVID-19 infection. 2020 , 319, H1059-H1068	13
2124	COVID-19 and multiorgan failure: A narrative review on potential mechanisms. 2020 , 51, 613-628	141

2123	Combining hydroxychloroquine and minocycline: potential role in moderate to severe COVID-19 infection. 2020 , 13, 1183-1190		5
2122	Picking up the pace: another record high impact factor for Cardiovascular Research. 2020 , 116, e165-e168		3
2121	Case report of anterior ST-elevation myocardial infarction in a patient with coronavirus disease-2019. 2020 , 4, 1-5		4
2120	Ventricular tachycardia storm management in a COVID-19 patient: a case report. 2020 , 4, 1-6		15
2119	Management of COVID-19 myopericarditis with reversal of cardiac dysfunction after blunting of cytokine storm: a case report. 2020 , 4, 1-6		8
2118	Electrophysiology in the time of coronavirus: coping with the great wave. 2020 , 22, 1841-1847		7
2117	COVID-19 and cardiovascular disease: from basic mechanisms to clinical perspectives. <i>Nature Reviews Cardiology</i> , 2020 , 17, 543-558	14.8	560
2116	Brugada syndrome. 2021 , 76, 805-824		0
2115	COVID-19, Mast Cells, Cytokine Storm, Psychological Stress, and Neuroinflammation. 2020 , 26, 402-414		103
2114	Developing a holistic contingency plan: Challenges and dilemmas for cancer patients during the COVID-19. 2020 , 9, 6082-6092		3
2113	[Cardiac complications in critically ill COVID-19 patients]. 2020 , 24, 212-217		1
2112	Drugs targeting various stages of the SARS-CoV-2 life cycle: Exploring promising drugs for the treatment of Covid-19. 2020 , 74, 109721		63
2111	[Echocardiographic findings in critical patients with COVID-19]. 2020 , 73, 861-863		5
2110	Intoxication With Endogenous Angiotensin II: A COVID-19 Hypothesis. 2020 , 11, 1472		19
2109	Preventive cardiology as a dedicated clinical service: The past, the present, and the (Magnificent) future. 2020 , 1, 100011		3
2108	COVID-19: Review and hematologic impact. 2020 , 510, 170-176		26
2107	Good times, bad times: A diary of a physician in the COVID-19 era. 2020 , 77, 132-133		
2106	Association between COVID-19 and cardiovascular disease. 2020 , 29, 100583		14

2105	Dynamic Regulation of SARS-Cov-2 Binding and Cell Entry Mechanisms in Remodeled Human Ventricular Myocardium. 2020 , 5, 871-883	26
2104	Redefining Cardiac Biomarkers in Predicting Mortality of Inpatients With COVID-19. 2020 , 76, 1104-1112	70
2103	Safety of psychotropic medications in people with COVID-19: evidence review and practical recommendations. 2020 , 18, 215	30
2102	Epidemiology, prognosis, and clinical manifestation of cardiovascular disease in COVID-19. 2020 , 18, 531-539	4
2101	The advantages of peritoneal dialysis over hemodialysis during the COVID-19 pandemic. 2020 , 33, 369-371	5
2100	Coronavirus 2019 Disease (COVID-19), Systemic Inflammation, and Cardiovascular Disease. 2020 , 9, e017756	21
2099	Prevalence of Cardiovascular Comorbidities in Coronavirus Disease 2019, Severe Acute Respiratory Syndrome, and Middle East Respiratory Syndrome: Pooled Analysis of Published Data. 2020 , 9, e016812	10
2098	A new threat from an old enemy: Re-emergence of coronavirus (Review). 2020 , 45, 1631-1643	137
2097	Risk Factors Associated With Mortality Among Patients With COVID-19 in Intensive Care Units in Lombardy, Italy. 2020 , 180, 1345-1355	604
2096	Correlation between renin-angiotensin system and Severe Acute Respiratory Syndrome Coronavirus 2 infection: What do we know?. 2020 , 883, 173373	26
2095	An updated insight into the molecular pathogenesis, secondary complications and potential therapeutics of COVID-19 pandemic. 2020 , 257, 118105	30
2094	Compact, Flexible Harmonic Transponder Sensor With Multiplexed Sensing Capabilities for Rapid, Contactless Microfluidic Diagnosis. 2020 , 68, 4846-4854	6
2093	Safety perspectives on presently considered drugs for the treatment of COVID-19. 2020 , 177, 4353-4374	9
2092	Multi-dimensional COVID-19 short- and long-term outcome prediction algorithm. 2020 , 5, 239-242	2
2091	Usefulness of echocardiography to detect cardiac involvement in COVID-19 patients. 2020 , 37, 1278-1286	23
2090	Cardiac manifestations in COVID-19 patients-A systematic review. 2020 , 35, 1988-2008	73
2089	Association Between Renin-Angiotensin-Aldosterone System Inhibitors and COVID-19 Infection in South Korea. 2020 , 76, 742-749	26
2088	SARS-CoV-2, ACE2, and Hydroxychloroquine: Cardiovascular Complications, Therapeutics, and Clinical Readouts in the Current Settings. 2020 , 9,	23

2087	Diabetes Update 2020: das Wichtigste für die ärztliche Praxis. 2020 , 16, 435-445	2
2086	Return to sports after COVID-19: a position paper from the Dutch Sports Cardiology Section of the Netherlands Society of Cardiology. 2020 , 28, 391-395	21
2085	Involvement of Spike Protein, Furin, and ACE2 in SARS-CoV-2-Related Cardiovascular Complications. 2020 , 2, 1-6	9
2084	COVID-19 and maintenance hemodialysis: a systematic scoping review of practice guidelines. 2020 , 21, 470	9
2083	Blood Glucose Control Strategy for Type 2 Diabetes Patients With COVID-19. 2020 , 7, 593061	1
2082	Cardiovascular Considerations in COVID19: A Comprehensive Review. 2020 , 16, 1089-1097	2
2081	Impact of SARS-CoV-2 on Male Reproductive Health: A Review of the Literature on Male Reproductive Involvement in COVID-19. 2020 , 7, 594364	12
2080	Clinical Characteristics and Survival Analysis in a Small Sample of Older COVID-19 Patients with Defined 60-Day Outcome. 2020 , 17,	6
2079	Large-Scale Plasma Analysis Revealed New Mechanisms and Molecules Associated with the Host Response to SARS-CoV-2. 2020 , 21,	81
2078	Electrocardiographic Findings and Clinical Outcome in Patients with COVID-19 or Other Acute Infectious Respiratory Diseases. 2020 , 9,	6
2077	WITHDRAWN: Sports and sportsmen as role models - or otherwise - in the COVID-19 era. 2020 , 105254	
2076	COVID-19: Impact on undergraduate nursing education in Sri Lanka. 2020 , 9, 1916	8
2075	Reduced cardiac function is associated with cardiac injury and mortality risk in hospitalized COVID-19 Patients. 2020 , 43, 1547-1554	7
2074	Acute cardiac injury in adult hospitalized COVID-19 patients in Zhuhai, China. 2020 , 10, 1303-1312	1
2073	. 2020 , 27, 469-475	
2072	Factors associated with acute cardiac injury and their effects on mortality in patients with COVID-19. 2020 , 10, 20452	9
2071	COVID-19 and cardiovascular diseases. 2021 , 13, 161-167	1
2070	Clinical Applications of Patient-Specific 3D Printed Models in Cardiovascular Disease: Current Status and Future Directions. 2020 , 10,	18

2069	ACE2 Interaction Networks in COVID-19: A Physiological Framework for Prediction of Outcome in Patients with Cardiovascular Risk Factors. 2020 , 9,	30
2068	Possible Correlations between Atherosclerosis, Acute Coronary Syndromes and COVID-19. 2020 , 9,	15
2067	Meltblown fabric nanofiber membrane, which is better for fabricating personal protective equipments. 2021 , 36, 1-9	8
2066	Multivessel spontaneous coronary artery dissection in a patient after mild COVID-19: A case report.. 2020 , 8, 2050313X20975989	1
2065	Energetic and exergetic costs of COVID-19 infection on the body of a patient. 2020 , 32, 314	0
2064	Bee Venom-A Potential Complementary Medicine Candidate for SARS-CoV-2 Infections. 2020 , 8, 594458	19
2063	A systematic review of ECG findings in patients with COVID-19. 2020 , 72, 500-507	26
2062	Modeling the second wave of COVID-19 infections in France and Italy via a stochastic SEIR model. 2020 , 30, 111101	36
2061	Inflammatory-Related Clinical and Metabolic Outcomes in COVID-19 Patients. 2020 , 2020, 2914275	7
2060	Comparison of patients hospitalized with COVID-19, H7N9 and H1N1. 2020 , 9, 163	11
2059	Clinical Characteristics of Patients With Progressive and Non-progressive Coronavirus Disease 2019: Evidence From 365 Hospitalised Patients in Honghu and Nanchang, China. 2020 , 7, 556818	2
2058	Transcriptional Differences for COVID-19 Disease Map Genes between Males and Females Indicate a Different Basal Immunophenotype Relevant to the Disease. 2020 , 11,	5
2057	A Systematic Review of the Cardiovascular Manifestations and Outcomes in the Setting of Coronavirus-19 Disease. 2020 , 14, 1179546820977196	23
2056	Cardiovascular Active Peptides of Marine Origin with ACE Inhibitory Activities: Potential Role as Anti-Hypertensive Drugs and in Prevention of SARS-CoV-2 Infection. 2020 , 21,	8
2055	Lung transcriptome of a COVID-19 patient and systems biology predictions suggest impaired surfactant production which may be druggable by surfactant therapy. 2020 , 10, 19395	45
2054	Impact of a Stay-at-Home Order on Stroke Admission, Subtype, and Metrics during the COVID-19 Pandemic. 2020 , 10, 159-165	8
2053	Predictive Factor for COVID-19 Worsening: Insights for High-Sensitivity Troponin and D-Dimer and Correlation With Right Ventricular Afterload. 2020 , 7, 586307	18
2052	SARS-CoV-2 Infection and Cardioncology: From Cardiometabolic Risk Factors to Outcomes in Cancer Patients. 2020 , 12,	13

2051	Obesity and the increased risk for COVID-19: mechanisms and nutritional management. 2021 , 34, 209-221	4
2050	Review on selected potential nutritional intervention for treatment and prevention of viral infections: possibility of recommending these for Coronavirus 2019. 2020 , 23, 1722-1736	1
2049	Quantifying and reporting cardiac findings in imaging of COVID-19 patients. 2020 , 90,	11
2048	Fisiopatología de la enfermedad cardiovascular en pacientes con COVID-19. Isquemia, trombosis y disfunción cardíaca. 2020 , 20, 2-8	1
2047	Sistema renina-angiotensina-aldosterona y COVID19. Implicaciones clínicas. 2020 , 20, 27-32	0
2046	Cold atmospheric plasma for SARS-CoV-2 inactivation. 2020 , 32, 111702	58
2045	Acute Fulminant Myocarditis in a Pediatric Patient With COVID-19 Infection. 2020 , 146,	16
2044	Association of angiotensin converting enzyme inhibitors and angiotensin II receptor blockers with risk of COVID-19, inflammation level, severity, and death in patients with COVID-19: A rapid systematic review and meta-analysis. 2020 ,	42
2043	The safety and effectiveness of rehabilitation exercises on COVID-19 patients: A protocol for systematic review and meta-analysis. 2020 , 99, e21373	7
2042	Early Nutritional Interventions with Zinc, Selenium and Vitamin D for Raising Anti-Viral Resistance Against Progressive COVID-19. 2020 , 12,	79
2041	Cardiac involvement in a pediatric patient with COVID-19: Looking beyond the nonspecific global cardiac injury. 2020 , 37, 1488-1491	2
2040	Navigating the Diagnostics of COVID-19. 2020 , 2, 1-8	10
2039	Immunity, inflammation and the vasculature in the COVID-19 era. 2020 , 38, 1701-1702	6
2038	Screening and testing for COVID-19 before surgery. 2020 , 90, 1845-1856	23
2037	Criticality of physical/social distancing, handwashing, respiratory hygiene and face-masking during the COVID-19 pandemic and beyond. 2020 , 74, e13656	3
2036	Clinical features and risk factors for ICU admission in COVID-19 patients with cardiovascular diseases. 2020 , 11, 763-769	10
2035	SARS-CoV-2 Infection and Lung Cancer: Potential Therapeutic Modalities. 2020 , 12,	7
2034	Face Masks and Respirators in the Fight against the COVID-19 Pandemic: A Review of Current Materials, Advances and Future Perspectives. 2020 , 13,	103

2033	Fractional diffusion on the human proteome as an alternative to the multi-organ damage of SARS-CoV-2. 2020 , 30, 081104	10
2032	Immunomodulatory Therapeutic Proteins in COVID-19: Current Clinical Development and Clinical Pharmacology Considerations. 2020 , 60, 1275-1293	7
2031	Hypothesized mechanisms explaining poor prognosis in type 2 diabetes patients with COVID-19: a review. 2020 , 70, 441-453	13
2030	COVID-19 and comorbidities: Deleterious impact on infected patients. 2020 , 13, 1833-1839	224
2029	OUTBREAK of novel corona virus disease (COVID-19): Antecedence and aftermath. 2020 , 884, 173381	9
2028	Covid MEDicaTion (COMET) study: protocol for a cohort study. 2020 , 27, 191-193	3
2027	[Treatment of severe COVID-19 courses in intensive care medicine]. 2020 , 61, 804-812	0
2026	Full Issue PDF. 2020 , 2, I-CCVI	
2025	Coagulation Status and Venous Thromboembolism Risk in African Americans: A Potential Risk Factor in COVID-19. 2020 , 26, 1076029620943671	17
2024	Approaching coronavirus disease 2019: Mechanisms of action of repurposed drugs with potential activity against SARS-CoV-2. 2020 , 180, 114169	19
2023	Readiness of Small Energy Markets and Electric Power Grids to Global Health Crises: Lessons From the COVID-19 Pandemic. 2020 , 8, 127234-127243	20
2022	COVID-19 and the role of angiotensin-converting enzyme inhibitors and angiotensin receptor blockers. 2020 , 153, 193-197	0
2021	COVID-19, State of the Adult and Pediatric Heart: From Myocardial Injury to Cardiac Effect of Potential Therapeutic Intervention. 2020 , 7, 140	7
2020	Baseline Chronic Comorbidity and Mortality in Laboratory-Confirmed COVID-19 Cases: Results from the PRECOVID Study in Spain. 2020 , 17,	51
2019	What Else but Covid-19 Pandemic? Lessons Learned. 2020 , 92, 41-45	
2018	Potential Anti-COVID-19 Therapeutics that Block the Early Stage of the Viral Life Cycle: Structures, Mechanisms, and Clinical Trials. 2020 , 21,	27
2017	Coronaviruses: a challenge of today and a call for extended human postmortem brain analyses. 2020 , 127, 1217-1228	14
2016	Comorbidities and the risk of severe or fatal outcomes associated with coronavirus disease 2019: A systematic review and meta-analysis. 2020 , 99, 47-56	148

2015	T cell responses in patients with COVID-19. 2020 , 20, 529-536	416
2014	Predictors of adverse prognosis in COVID-19: A systematic review and meta-analysis. 2020 , 50, e13362	144
2013	Clinical characteristics of 276 hospitalized patients with coronavirus disease 2019 in Zengdu District, Hubei Province: a single-center descriptive study. 2020 , 20, 549	29
2012	Non-invasive Auricular Vagus Nerve Stimulation as a Potential Treatment for Covid19-Originated Acute Respiratory Distress Syndrome. 2020 , 11, 890	20
2011	Pharmacotherapeutic considerations for the management of cardiovascular diseases among hospitalized COVID-19 patients. 2020 , 18, 475-485	3
2010	Single Virus Targeting Multiple Organs: What We Know and Where We Are Heading?. 2020 , 7, 370	20
2009	Racial Disparities-Associated COVID-19 Mortality among Minority Populations in the US. 2020 , 9,	106
2008	Is Antioxidant Therapy a Useful Complementary Measure for Covid-19 Treatment? An Algorithm for Its Application. 2020 , 56,	24
2007	A brief review of socio-economic and environmental impact of Covid-19. 2020 , 13, 1-7	104
2006	Acetylated K676 TGFBIp as a severity diagnostic blood biomarker for SARS-CoV-2 pneumonia. 2020 , 6,	12
2005	Future antiviral surfaces: Lessons from COVID-19 pandemic. 2020 , 25, e00203	41
2004	Delineating clinical characteristics and comorbidities among 206 COVID-19 deceased patients in India: Emerging significance of renin angiotensin system derangement. 2020 , 167, 108349	8
2003	Cardio-Oncology in the Era of the COVID-19 Pandemic and Beyond. 2020 , 9, e017787	15
2002	COVID-19 among heart transplant recipients in Germany: a multicenter survey. 2020 , 109, 1531-1539	38
2001	COVID-19: Nanomedicine Uncovers Blood-Clot Mystery. 2020 , 19, 4364-4373	9
2000	Protein reliability analysis and virtual screening of natural inhibitors for SARS-CoV-2 main protease (M) through docking, molecular mechanic & dynamic, and ADMET profiling. 2021 , 39, 6810-6827	11
1999	Immune Response and COVID-19: A mirror image of Sepsis. 2020 , 16, 2479-2489	32
1998	The Association of Cardiovascular Diseases and Diabetes Mellitus with COVID-19 (SARS-CoV-2) and Their Possible Mechanisms. 2020 , 2, 1-6	15

1997	Let Us Not Forget Cardiovascular Diseases During COVID-19 Pandemic: the Role of Cardiac Prevention and Rehabilitation. 2020 , 2, 1-4	3
1996	Laser irradiated phenothiazines: New potential treatment for COVID-19 explored by molecular docking. 2020 , 211, 111997	14
1995	COVID-19 cardiac arrest management: A review for emergency clinicians. 2020 , 38, 2693-2702	8
1994	Impaired spermatogenesis in COVID-19 patients. 2020 , 28, 100604	86
1993	Noncoding RNAs implication in cardiovascular diseases in the COVID-19 era. 2020 , 18, 408	11
1992	Expression and Clinical Prognostic Value of Platelet in Acute Coronary Syndrome. 2020 , 13, 791-802	3
1991	Echocardiographic abnormalities and predictors of mortality in hospitalized COVID-19 patients: the ECHOVID-19 study. 2020 , 7, 4189	39
1990	SAMHD1 as the Potential Link Between SARS-CoV-2 Infection and Neurological Complications. 2020 , 11, 562913	5
1989	Potential of metabolites against SARS-CoV-2 main protease supported by docking studies. 2020 , 1-5	6
1988	Stroke and Novel Coronavirus Infection in Humans: A Systematic Review and Meta-Analysis. 2020 , 11, 579070	20
1987	Intricate interplay between Covid-19 and cardiovascular diseases. 2021 , 31, e2188	3
1986	Left ventricular ejection fraction: An additional risk marker in COVID-19. 2020 , 113, 760-762	5
1985	Severe acute respiratory syndrome coronavirus 2 and renin-angiotensin system blockers: A review and pooled analysis. 2020 , 113, 797-810	1
1984	Designed variants of ACE2-Fc that decouple anti-SARS-CoV-2 activities from unwanted cardiovascular effects. 2020 , 165, 1626-1633	10
1983	A meta-analysis of potential biomarkers associated with severity of coronavirus disease 2019 (COVID-19). 2020 , 8, 37	66
1982	COVID-19 and cardiovascular consequences: Is the endothelial dysfunction the hardest challenge?. 2020 , 196, 143-151	41
1981	Takotsubo cardiomyopathy in COVID-19: a case report. Haemodynamic and therapeutic considerations. 2020 , 4, 1-6	12
1980	The Resilient Child: Sex-Steroid Hormones and COVID-19 Incidence in Pediatric Patients. 2020 , 4, bvaa106	9

1979	Cardiovascular System in COVID-19: Simply a Viewer or a Leading Actor?. 2020 , 10,	3
1978	Angiotensin converting enzyme inhibitors do not increase the risk of poor outcomes in COVID-19 disease. A multi-centre observational study. 2020 , 65, 149-153	8
1977	Risk factors associated with mortality in hospitalized patients with SARS-CoV-2 infection. A prospective, longitudinal, unicenter study in Reus, Spain. 2020 , 15, e0234452	23
1976	COVID-XNet: A Custom Deep Learning System to Diagnose and Locate COVID-19 in Chest X-ray Images. 2020 , 10, 5683	31
1975	COVID-19 and hypertension: is the HSP60 culprit for the severe course and worse outcome?. 2020 , 319, H793-H796	12
1974	Heart, COVID-19, and echocardiography. 2020 , 37, 1454-1464	19
1973	Prognostic utility of quantitative offline 2D-echocardiography in hospitalized patients with COVID-19 disease. 2020 , 37, 2029-2039	22
1972	Multifaceted persistent hypokalaemia in a patient with coronavirus disease 2019. 2020 , 50, 1289-1291	2
1971	The pandemic COVID-19: a tale of viremia, cellular oxidation and immune dysfunction. 2020 , 36, 188	4
1970	Cardiovascular Changes in Patients With COVID-19 From Wuhan, China. 2020 , 7, 150	4
1969	Clinical Characteristics and Outcomes of Severe and Critical Patients With 2019 Novel Coronavirus Disease (COVID-19) in Wenzhou: A Retrospective Study. 2020 , 7, 552002	11
1968	Pathological features of COVID-19-associated myocardial injury: a multicentre cardiovascular pathology study. 2020 , 41, 3827-3835	188
1967	Hypertension and SARS-CoV-2 infection: is inflammation the missing link?. 2020 , 116, e193-e194	3
1966	Echocardiography in Confirmed and Highly Suspected Symptomatic COVID-19 Patients and Its Impact on Treatment Change. 2020 , 2020, 4348598	2
1965	Atrioventricular Block in Children With Multisystem Inflammatory Syndrome. 2020 , 146,	40
1964	Pharmacological and cardiovascular perspectives on the treatment of COVID-19 with chloroquine derivatives. 2020 , 41, 1377-1386	11
1963	Cardiac Echocardiography in COVID-19 Infection. 2020 , 04, 56-60	
1962	Cardiovascular Complications Associated with COVID-19 and Potential Therapeutic~Strategies. 2020 , 21,	32

1961	Renin-Angiotensin System and Coronavirus Disease 2019: A Narrative Review. 2020 , 7, 143	23
1960	Cardiac Injury and Clinical Course of Patients With Coronavirus Disease 2019. 2020 , 7, 147	7
1959	COVID-19 and renin-angiotensin system modulators: what do we know so far?. 2020 , 18, 743-748	3
1958	Role of antibody-dependent enhancement (ADE) in the virulence of SARS-CoV-2 and its mitigation strategies for the development of vaccines and immunotherapies to counter COVID-19. 2020 , 16, 3055-3060	38
1957	Association of cardiovascular disease and 10 other pre-existing comorbidities with COVID-19 mortality: A systematic review and meta-analysis. 2020 , 15, e0238215	217
1956	Canakinumab to reduce deterioration of cardiac and respiratory function in SARS-CoV-2 associated myocardial injury with heightened inflammation (canakinumab in Covid-19 cardiac injury: The three C study). 2020 , 43, 1055-1063	30
1955	Myocardial injury and COVID-19: Serum hs-cTnl level in risk stratification and the prediction of 30-day fatality in COVID-19 patients with no prior cardiovascular disease. 2020 , 10, 9663-9673	28
1954	Endothelial Dysfunction in COVID-19: Lessons Learned from Coronaviruses. 2020 , 22, 63	66
1953	Renin-Angiotensin-Aldosterone System Inhibitors and Risk of Death in Patients Hospitalised with COVID-19: A Retrospective Italian Cohort Study of 43,000 Patients. 2020 , 43, 1297-1308	35
1952	Impact of the Pandemic on NonInfected Cardiometabolic Patients: A Survey in Countries of Latin America-Rationale and Design of the CorCOVID LATAM Study. 2020 , 2, 671-677	5
1951	Considerations for the Treatment of Inflammatory Neuro-Ophthalmologic Disorders During the COVID-19 Pandemic. 2020 , 40, 305-314	4
1950	Reversible cardiac dysfunction in severe COVID-19 infection, mechanisms and case report. 2020 , 37, 1465-1469	11
1949	Could Mesenchymal Stem Cell-Derived Exosomes Be a Therapeutic Option for Critically Ill COVID-19 Patients?. 2020 , 9,	11
1948	Monocyte activation in systemic Covid-19 infection: Assay and rationale. 2020 , 59, 102964	44
1947	Relationship between anosmia and hospitalisation in patients with coronavirus disease 2019: an otolaryngological perspective. 2020 , 134, 710-716	17
1946	COVID-19: Is There Evidence for the Use of Herbal Medicines as Adjuvant Symptomatic Therapy?. 2020 , 11, 581840	84
1945	Mortality and Disease Severity Among COVID-19 Patients Receiving Renin-Angiotensin System Inhibitors: A Systematic Review and Meta-analysis. 2020 , 20, 571-590	21
1944	Binding of raloxifene to human complement fragment 5a (C5a): a perspective on cytokine storm and COVID19. 2020 , 1-13	3

1943	Bibliometric Analysis on COVID-19: A Comparison of Research Between English and Chinese Studies. 2020 , 8, 477	38
1942	Clinical Characteristics and Multisystem Imaging Findings of COVID-19: An Overview for Orthopedic Surgeons. 2020 , 1-12	1
1941	Renin-Angiotensin System Inhibitors and COVID-19: a Systematic Review and Meta-Analysis. Evidence for Significant Geographical Disparities. 2020 , 22, 90	22
1940	Smoking and COVID-19: Adding Fuel to the Flame. 2020 , 21,	31
1939	The Intestinal Perspective of COVID-19: NOS2 and AOC1 Genes as Epidemiological Factors, and a Homeopathic Approach to their Functional Improvement. 2020 , 33, 196-221	1
1938	Observational data during the COVID-19 pandemic: opportunity with uncertainty. 2020 , 106, 1461-1462	3
1937	Insights on SARS-CoV-2 Molecular Interactions With the Renin-Angiotensin System. 2020 , 8, 559841	23
1936	Crosstalk between coronavirus disease 2019 and cardiovascular disease and its treatment. 2020 , 7, 3464	9
1935	The COVID-19 pandemic: model-based evaluation of non-pharmaceutical interventions and prognoses. 2020 , 101, 1-17	8
1934	Hypothesis: The potential therapeutic role of nicorandil in COVID-19. 2020 , 47, 1791-1797	3
1933	Praktische Empfehlungen der Deutschen Diabetes Gesellschaft zum Diabetesmanagement bei Patientinnen und Patienten mit einer COVID-19-Erkrankung. 2020 , 15, 241-246	2
1932	Efficacy and safety of ACEI/ARB drugs in patients with COVID-19 combined with diabetes mellitus: A protocol for systematic review and meta-analysis of randomized controlled trials. 2020 , 99, e21723	
1931	Characteristics of a Diverse Cohort of Stroke Patients with SARS-CoV-2 and Outcome by Sex. 2020 , 29, 105314	12
1930	Society for Cardiovascular Magnetic Resonance (SCMR) recommended CMR protocols for scanning patients with active or convalescent phase COVID-19 infection. 2020 , 22, 61	29
1929	The protein expression profile of ACE2 in human tissues. 2020 , 16, e9610	405
1928	Coronavirus disease 2019 and cardiovascular implications. 2020 , 21, 725-732	13
1927	Pulmonary Embolism in Patients Hospitalized With COVID-19 (From a New York Health System). 2020 , 133, 148-153	5
1926	Integrative Modeling of Quantitative Plasma Lipoprotein, Metabolic, and Amino Acid Data Reveals a Multiorgan Pathological Signature of SARS-CoV-2 Infection. 2020 , 19, 4442-4454	67

1925	COVID-19 Susceptibility in chronic obstructive pulmonary disease. 2020 , 50, e13382	19
1924	Pathology and Pathogenesis of SARS-CoV-2 Associated with Fatal Coronavirus Disease, United States. 2020 , 26, 2005-2015	214
1923	Significance of the Renin-Angiotensin System in Clinical Conditions. 2020 ,	3
1922	Brain Imaging of Patients with COVID-19: Findings at an Academic Institution during the Height of the Outbreak in New York City. 2020 , 41, 2001-2008	42
1921	Echocardiographic characteristics of patients with SARS-CoV-2 infection. 2020 , 109, 1549-1566	30
1920	ST-Segment-Elevation Myocardial Infarction During COVID-19 Pandemic: Insights From a Regional Public Service Healthcare Hub. 2020 , 13, e009413	36
1919	4,4'-Diaminodiphenyl Sulfone (DDS) as an Inflammasome Competitor. 2020 , 21,	9
1918	Association between renin-angiotensin-aldosterone system inhibitor treatment, neutrophil-lymphocyte ratio, D-Dimer and clinical severity of COVID-19 in hospitalized patients: a multicenter, observational study. 2021 , 35, 588-597	13
1917	Potential Therapeutic Role of Purinergic Receptors in Cardiovascular Disease Mediated by SARS-CoV-2. 2020 , 2020, 8632048	14
1916	The Genetic Dissection of Expression Variation in the Heart of Murine Genetic Reference Population. 2020 , 7, 582949	4
1915	Assessment of the Relationship between Mortality and Troponin I Levels in Hospitalized Patients with the Novel Coronavirus (COVID-19). 2020 , 56,	4
1914	Modulation of Autophagy by SARS-CoV-2: A Potential Threat for Cardiovascular System. 2020 , 11, 611275	12
1913	An ensemble deep transfer-learning approach to identify COVID-19 cases from chest X-ray images. 2020 ,	4
1912	An Artificial Intelligence Based Technique for COVID-19 Diagnosis from Chest X-Ray. 2020 ,	4
1911	COVID-19-related myocarditis and cholinergic anti-inflammatory pathways. 2021 , 62, 265-269	3
1910	Evidence of SARS-CoV-2 Transcriptional Activity in Cardiomyocytes of COVID-19 Patients without Clinical Signs of Cardiac Involvement. 2020 , 8,	35
1909	Pandemic Perspective: Commonalities Between COVID-19 and Cardio-Oncology. 2020 , 7, 568720	5
1908	Outcomes Associated with the Use of Renin-Angiotensin-Aldosterone System Blockade in Hospitalized Patients with SARS-CoV-2 Infection. 2020 , 1, 801-809	17

1907	Propofol-Associated Hypertriglyceridemia in Coronavirus Disease 2019 Versus Noncoronavirus Disease 2019 Acute Respiratory Distress Syndrome. 2020 , 2, e0303	3
1906	Arterial Hypertension as a Risk Comorbidity Associated with COVID-19 Pathology. 2020 , 2020, 8019360	12
1905	Home-Based Care for People with Alzheimer's Disease and Related Dementias (ADRD) during COVID-19 Pandemic: From Challenges to Solutions. 2020 , 17,	4
1904	The Vagal Autonomic Pathway of COVID-19 at the Crossroad of Alzheimer's Disease and Aging: A Review of Knowledge. 2020 , 4, 537-551	13
1903	Persistence of COVID-19 Symptoms after Recovery in Mexican Population. 2020 , 17,	25
1902	Intrinsic disorder perspective of an interplay between the renin-angiotensin-aldosterone system and SARS-CoV-2. 2020 , 85, 104510	6
1901	Non-communicable Diseases and COVID-19; a double-edged sword 'A Special Communication from IRAN. 2020 , 19, 1-5	0
1900	The Impact of Diabetes Mellitus in COVID-19: A Mechanistic Review of Molecular Interactions. 2020 , 2020, 5436832	8
1899	A preliminary study of coronavirus disease 2019 in China: the impact of cardiovascular disease on death risk. 2020 , 5, e219-e223	1
1898	Recent updates on COVID-19: A holistic review. 2020 , 6, e05706	12
1897	Prospective role of thyroid disorders in monitoring COVID-19 pandemic. 2020 , 6, e05712	16
1896	Cardiac adverse events associated with chloroquine and hydroxychloroquine exposure in 20 years of drug safety surveillance reports. 2020 , 10, 19199	7
1895	A Web-Based Platform on Coronavirus Disease-19 to Maintain Predicted Diagnostic, Drug, and Vaccine Candidates. 2020 , 39, 204-216	17
1894	Novel coronavirus disease 2019 (COVID-19) non-respiratory involvement. 2020 , 14,	1
1893	From Influenza Virus to Novel Corona Virus (SARS-CoV-2)-The Contribution of Obesity. 2020 , 11, 556962	14
1892	Emerging Mechanisms of Pulmonary Vasoconstriction in SARS-CoV-2-Induced Acute Respiratory Distress Syndrome (ARDS) and Potential Therapeutic Targets. 2020 , 21,	17
1891	COVID-19 Pandemic: Epidemiology, Etiology, Conventional and Non-Conventional Therapies. 2020 , 17,	23
1890	A rise in left atrial pressure detected by the V-LAP system for patients with heart failure during the coronavirus disease 2019 pandemic. 2020 , 7, 4361	3

1889	COVID-19 and Cardiovascular Comorbidities. 2020,	2
1888	COVID-19: Is there a role for immunonutrition in obese patient?. 2020, 18, 415	29
1887	Molecular Basis of Cardiac and Vascular Injuries Associated With COVID-19. 2020, 7, 582399	4
1886	Bioprinting for combating infectious diseases. 2020, 20, e00104	8
1885	The outcomes of the postulated interaction between SARS-CoV-2 and the renin-angiotensin system on the clinician's attitudes toward hypertension treatment. 2021, 35, 828-836	1
1884	Fibrinolysis is a reasonable alternative for STEMI care during the COVID-19 pandemic. 2020, 48, 300060520966451	15
1883	Blood molecular markers associated with COVID-19 immunopathology and multi-organ damage. 2020, 39, e105896	45
1882	Macrophage responses associated with COVID-19: A pharmacological perspective. 2020, 887, 173547	16
1881	COVID-19 and cardiovascular imaging: a guide for the practising clinician. 2020, 17,	
1880	SARS-CoV-2 Aiming for the Heart: A Multicenter Italian Perspective About Cardiovascular Issues in COVID-19. 2020, 11, 571367	5
1879	Delicate Role of PD-L1/PD-1 Axis in Blood Vessel Inflammatory Diseases: Current Insight and Future Significance. 2020, 21,	10
1878	Comparison of Mortality Rate and Severity of Pulmonary Involvement in Coronavirus Disease-2019 Adult Patients With and Without Type 2 Diabetes: A Cohort Study. 2021, 45, 524-530	3
1877	Risk factors associated with disease aggravation among 126 hospitalized patients with COVID-19 in different places in China: A retrospective observational study. 2020, 99, e22971	3
1876	Challenges for Drug Repurposing in the COVID-19 Pandemic Era. 2020, 11, 588654	41
1875	Cardiovascular health care and health literacy among immigrants in Europe: a review of challenges and opportunities during the COVID-19 pandemic. 2020, 1-7	7
1874	Influenza coverage rates in subjects with chronic heart diseases: results obtained in four consecutive immunisation seasons in the Local Health Unit of Ferrara (North Italy)". 2020, 78, 103	0
1873	Cardiovascular manifestations and treatment considerations in COVID-19. 2020, 106, 1132-1141	194
1872	Sports Health During the SARS-Cov-2 Pandemic. 2020, 50, 1413-1416	15

1871	A current review of COVID-19 for the cardiovascular specialist. 2020 , 226, 29-44	66
1870	Use of a Protective Shield Successfully Prevents Exposure to Aerosols and Droplets during Transesophageal Echocardiography. 2020 , 33, 908-909	1
1869	The Renin-Angiotensin-Aldosterone System in Coronavirus Infection-Current Considerations During the Pandemic. 2020 , 34, 1717-1719	5
1868	Potential influence of COVID-19/ACE2 on the female reproductive system. 2020 , 26, 367-373	146
1867	Understanding Observational Treatment Comparisons in the Setting of Coronavirus Disease 2019 (COVID-19). 2020 , 5, 988-990	12
1866	COVID-19, SARS and MERS: A neurological perspective. 2020 , 77, 13-16	88
1865	[Ultrasound in the management of the critically ill patient with SARS-CoV-2 infection (COVID-19): narrative review]. 2020 , 44, 551-565	4
1864	A Simple Clustering Strategy for Wireless Sensor Networks. 2020 , 4, 1-4	17
1863	At the heart of COVID-19. 2020 , 35, 1287-1294	53
1862	Call to Action: SARS-CoV-2 and Cerebrovascular Disorders (CASCADE). 2020 , 29, 104938	17
1861	Coronavirus: the geriatric emergency of 2020. Joint document of the Section on Geriatric Cardiology of the Spanish Society of Cardiology and the Spanish Society of Geriatrics and Gerontology. 2020 , 73, 569-576	9
1860	The changing landscape of SARS-CoV-2: Implications for the maternal-infant dyad. 2020 , 13, 293-305	2
1859	Repurposing current therapeutics for treating COVID-19: A vital role of prescription records data mining. 2020 , 81, 777-781	12
1858	Advanced "lab-on-a-chip" to detect viruses - Current challenges and future perspectives. 2020 , 163, 112291	55
1857	Joint HFSA/ACC/AHA Statement Addresses Concerns Re: Using RAAS Antagonists in COVID-19. 2020 , 26, 370	234
1856	COVID-19 as an Acute Inflammatory Disease. 2020 , 205, 12-19	74
1855	Burden and prevalence of prognostic factors for severe COVID-19 in Sweden. 2020 , 35, 401-409	27
1854	Two important controversial risk factors in SARS-CoV-2 infection: Obesity and smoking. 2020 , 78, 103411	92

1853	Acute myocardial injury is common in patients with COVID-19 and impairs their prognosis. 2020 , 106, 1154-1159	107
1852	Association Between COVID-19 and Kawasaki Disease: Vigilance Required From Otolaryngologists. 2020 , 163, 316-317	6
1851	No Autopsies on COVID-19 Deaths: A Missed Opportunity and the Lockdown of Science. 2020 , 9,	71
1850	Rapid assessment of COVID-19 suspected cases: A community based approach for developing countries like Pakistan. 2020 , 10, 010353	0
1849	Potential effects of curcumin in the treatment of COVID-19 infection. 2020 , 34, 2911-2920	132
1848	A comprehensive review on drug repositioning against coronavirus disease 2019 (COVID19). 2020 , 393, 1137-1152	26
1847	The COVID-19 challenge to cardiac electrophysiologists: optimizing resources at a referral center. 2020 , 59, 1-7	5
1846	COVID-19-associated cardiovascular morbidity in older adults: a position paper from the Italian Society of Cardiovascular Researches. 2020 , 42, 1021-1049	78
1845	Epidemiology, clinical course, and outcomes of critically ill adults with COVID-19 in New York City: a prospective cohort study. 2020 , 395, 1763-1770	1167
1844	Geriatric practice during and after the COVID-19 pandemic. 2020 , 20, 735-737	9
1843	The urgent need for integrated science to fight COVID-19 pandemic and beyond. 2020 , 18, 205	92
1842	Cardiovascular disease as a biomarker for an increased risk of COVID-19 infection and related poor prognosis. 2020 , 14, 713-716	22
1841	COVID-19: The Inflammation Link and the Role of Nutrition in Potential Mitigation. 2020 , 12,	225
1840	SARS-CoV-2-Induced Immune Dysregulation and Myocardial Injury Risk in China: Insights From the ERS-COVID-19 Study. 2020 , 127, 397-399	15
1839	Potential harmful effects of discontinuing ACE-inhibitors and ARBs in COVID-19 patients. 2020 , 9,	83
1838	COVID-19 with dermatologic manifestations and implications: An unfolding conundrum. 2020 , 33, e13544	23
1837	COVID-19 in the heart and the lungs: could we "Notch" the inflammatory storm?. 2020 , 115, 31	123
1836	A review of cardiac manifestations and predictors of outcome in patients with COVID - 19. 2020 , 49, 848-852	39

1835	Novel coronavirus 19 (COVID-19) associated sinus node dysfunction: a case series. 2020 , 4, 1-6	35
1834	Circulating plasma concentrations of angiotensin-converting enzyme 2 in men and women with heart failure and effects of renin-angiotensin-aldosterone inhibitors. 2020 , 41, 1810-1817	277
1833	Characteristics and outcomes of patients hospitalized for COVID-19 and cardiac disease in Northern Italy. 2020 , 41, 1821-1829	299
1832	Atrial Arrhythmias in a Patient Presenting With Coronavirus Disease-2019 (COVID-19) Infection. 2020 , 8, 2324709620925571	32
1831	SARS-CoV-2 and the Use of Chloroquine as an Antiviral Treatment. 2020 , 7, 184	19
1830	Cardiovascular system and COVID-19: perspectives from a developing country. 2020 , 90,	18
1829	Mysterious Virus: A Review on Behavior and Treatment Approaches of the Novel Coronavirus, 2019-nCoV. 2020 , 51, 375-383	7
1828	Imaging in corona virus disease 2019 (COVID-19)-A Scoping review. 2020 , 7, 100237	34
1827	Position Statement on the Management of Cardiac Electrophysiology and Cardiac Implantable Electronic Devices in Australia During the COVID-19 Pandemic: A Living Document. 2020 , 29, e57-e68	10
1826	Heart Brake: An Unusual Cardiac Manifestation of COVID-19. 2020 , 2, 1252-1255	44
1825	ACE2 receptor polymorphism: Susceptibility to SARS-CoV-2, hypertension, multi-organ failure, and COVID-19 disease outcome. 2020 , 53, 425-435	264
1824	The role of cardiovascular imaging for myocardial injury in hospitalized COVID-19 patients. 2020 , 21, 709-714	44
1823	COVID-19: A Personalized Cardiometabolic Approach for Reducing Complications and Costs. The Role of Aging beyond Topics. 2020 , 24, 550-559	8
1822	[Angiotensin II suppression in SARS-CoV-2 infection: a therapeutic approach]. 2020 , 40, 213-216	6
1821	[COVID-19 and cardiovascular and kidney disease: Where are we? Where are we going?]. 2020 , 46 Suppl 1, 78-87	4
1820	The expression level of angiotensin-converting enzyme 2 determines the severity of COVID-19: lung and heart tissue as targets. 2021 , 39, 3780-3786	19
1819	Mechanical circulatory support in refractory cardiogenic shock due to influenza virus-related myocarditis. 2020 , 56,	4
1818	Could autism spectrum disorders be a risk factor for COVID-19?. 2020 , 144, 109899	26

1817	The Use of Point-of-Care Lung Ultrasound and Echocardiography in the Management of Coronavirus Disease 2019 (COVID-19). 2020 , 34, 2861-2863	2
1816	Children's heart and COVID-19: Up-to-date evidence in the form of a systematic review. 2020 , 179, 1079-1087	70
1815	Management of Cardiovascular Disease During Coronavirus Disease (COVID-19) Pandemic. 2020 , 30, 315-325	25
1814	EASAPS/ESPRAS Considerations in getting back to work in Plastic Surgery with the COVID-19 Pandemic - A European point of view. 2020 , 52, 257-264	4
1813	SARS-CoV-2 (COVID-19): New Discoveries and Current Challenges. 2020 , 10, 3641	20
1812	Angiotensin-converting enzyme inhibitors and angiotensin II receptor blockers are not associated with severe COVID-19 infection in a multi-site UK acute hospital trust. 2020 , 22, 967-974	127
1811	Continuity of care and outpatient management for patients with and at high risk for cardiovascular disease during the COVID-19 pandemic: A scientific statement from the American Society for Preventive Cardiology. 2020 , 1, 100009	43
1810	In Vitro and Animal Models for SARS-CoV-2 research. 2020 , 41, 513-517	104
1809	Angiotensin-converting enzyme-2 in SARS-CoV-2 infection: good or bad?. 2020 , 38, 1196-1197	5
1808	COVID-19, internists and resilience: the north-south Italy outbreak. 2020 , 50, e13299	5
1807	Risk factors for adverse clinical outcomes with COVID-19 in China: a multicenter, retrospective, observational study. 2020 , 10, 6372-6383	81
1806	Comprehensive review of coronavirus disease 2019 (COVID-19). 2020 , 43, 334-340	51
1805	Impact of COVID-19 on the Cardiovascular System: A Review. 2020 , 9,	31
1804	Prognostic Value of Cardiovascular Biomarkers in COVID-19: A Review. 2020 , 12,	37
1803	[Suicidal behavior in light of COVID-19 outbreak: Clinical challenges and treatment perspectives]. 2020 , 46, S66-S72	14
1802	COVID-19 and heart failure: from infection to inflammation and angiotensin II stimulation. Searching for evidence from a new disease. 2020 , 22, 957-966	137
1801	A Comprehensive Review of Manifestations of Novel Coronaviruses in the Context of Deadly COVID-19 Global Pandemic. 2020 , 360, 5-34	56
1800	Cardiac Involvement in Patients Recovered From COVID-2019 Identified Using Magnetic Resonance Imaging. 2020 , 13, 2330-2339	258

1799	COVID-19: Learning from Lessons To Guide Treatment and Prevention Interventions. 2020 , 5,	44
1798	Hypertension is associated with increased mortality and severity of disease in COVID-19 pneumonia: A systematic review, meta-analysis and meta-regression. 2020 , 21, 1470320320926899	148
1797	COVID-19 pandemic and therapy with ibuprofen or renin-angiotensin system blockers: no need for interruptions or changes in ongoing chronic treatments. 2020 , 393, 1131-1135	14
1796	Fellowship Training in Adult Cardiothoracic Anesthesiology: Navigating the New Educational Landscape as a Result of the Coronavirus Crisis. 2020 , 34, 2019-2021	3
1795	Preserving stroke care during the COVID-19 pandemic: Potential issues and solutions. 2020 , 95, 124-133	58
1794	Supporting cardiac patients during the COVID-19 pandemic. 2020 , 15, 1-4	
1793	Clinical characteristics and risk factors associated with COVID-19 disease severity in patients with cancer in Wuhan, China: a multicentre, retrospective, cohort study. 2020 , 21, 893-903	282
1792	Cardiovascular Implications of the COVID-19 Pandemic: A Global Perspective. 2020 , 36, 1068-1080	87
1791	Bioactive compounds with possible inhibitory activity of Angiotensin-Converting Enzyme-II; a gate to manage and prevent COVID-19. 2020 , 143, 109841	7
1790	COVID-19 and Intrinsic Capacity. 2020 , 24, 692-695	13
1789	Anosmia Is a Key Symptom of COVID-19 Infection and Should Be Used as a Diagnostic Tool. 2020 , 99, 577-578	11
1788	Severity of COVID-19: The importance of being hypertensive. 2020 , 90,	4
1787	Epidemiological and clinical characteristics of discharged patients infected with SARS-CoV-2 on the Qinghai Plateau. 2020 , 92, 2528-2535	14
1786	Immune response in COVID-19: addressing a pharmacological challenge by targeting pathways triggered by SARS-CoV-2. 2020 , 5, 84	330
1785	The challenges of deploying artificial intelligence models in a rapidly evolving pandemic. 2020 , 2, 298-300	22
1784	COVID-19 and renin-angiotensin system inhibition: role of angiotensin converting enzyme 2 (ACE2) - Is there any scientific evidence for controversy?. 2020 , 288, 410-421	30
1783	Clinical Characteristics and Outcomes of COVID-19 Patients With a History of Stroke in Wuhan, China. 2020 , 51, 2219-2223	72
1782	A systematic review of chest imaging findings in COVID-19. 2020 , 10, 1058-1079	74

1781	Pediatric Life-Threatening Coronavirus Disease 2019 With Myocarditis. 2020 , 39, e147-e149	23
1780	An overview of COVID-19 for diagnostic pathologists: clinicopathological correlation and diagnostic techniques. 2020 , 26, 529-536	2
1779	Oncocardiology: new challenges, new opportunities. 2020 , 45, 619-625	0
1778	Behavior of the PR interval with increasing heart rate in patients with COVID-19. 2020 , 17, 1434-1438	22
1777	Ten challenging questions about SARS-CoV-2 and COVID-19. 2020 , 14, 881-888	22
1776	Impaired cardiac function is associated with mortality in patients with acute COVID-19 infection. 2020 , 109, 1491-1499	74
1775	Apelin-potential therapy for COVID-19?. 2020 , 145, 84-87	10
1774	Nanotechnology for COVID-19: Therapeutics and Vaccine Research. 2020 , 14, 7760-7782	172
1773	The renin-angiotensin-aldosterone system as a link between obesity and coronavirus disease 2019 severity. 2020 , 21, e13077	16
1772	Age and Multimorbidity Predict Death Among COVID-19 Patients: Results of the SARS-RAS Study of the Italian Society of Hypertension. 2020 , 76, 366-372	216
1771	Cardiac injury is associated with severe outcome and death in patients with Coronavirus disease 2019 (COVID-19) infection: A systematic review and meta-analysis of observational studies. 2020 , 9, 665-677	27
1770	COVID-19 and cardiovascular disease in elderly patients: a challenge in the challenge. 2020 , 6,	0
1769	The role of initial chest X-ray in triaging patients with suspected COVID-19 during the pandemic. 2020 , 27, 617-621	27
1768	Plasmonic and Superhydrophobic Self-Decontaminating N95 Respirators. 2020 , 14, 8846-8854	46
1767	The Case Is Much More Baffling than We Think. 2020 , 83, 216-217	1
1766	Molecular Insights Into SARS COV-2 Interaction With Cardiovascular Disease: Role of RAAS and MAPK Signaling. 2020 , 11, 836	31
1765	Role of Aging and the Immune Response to Respiratory Viral Infections: Potential Implications for COVID-19. 2020 , 205, 313-320	37
1764	Intramural Hematoma as Unexpected Complication of COVID-19 Infection. 2020 , 8, 74-75	5

1763	Targeting SARS-CoV-2 receptors as a means for reducing infectivity and improving antiviral and immune response: an algorithm-based method for overcoming resistance to antiviral agents. 2020 , 9, 1397-1406	31
1762	COVID-19 Presented With Deep Vein Thrombosis: An Unusual Presenting. 2020 , 8, 2324709620931239	20
1761	SARS-CoV-2 Infection and Cardiovascular Disease: COVID-19 Heart. 2020 , 29, 973-987	68
1760	Continuation versus discontinuation of ACE inhibitors or angiotensin II receptor blockers in COVID-19: effects on blood pressure control and mortality. 2020 , 6, 412-414	36
1759	Renin-angiotensin system inhibitors in the COVID-19 pandemic: consequences of antihypertensive drugs. 2020 , 41, 2067-2069	8
1758	Acute Coronary Syndromes and Covid-19: Exploring the Uncertainties. 2020 , 9,	47
1757	Approach to Acute Cardiovascular Complications in COVID-19 Infection. 2020 , 13, e007220	54
1756	Cerebral ischemic and hemorrhagic complications of coronavirus disease 2019. 2020 , 15, 733-742	52
1755	The Lung Macrophage in SARS-CoV-2 Infection: A Friend or a Foe?. 2020 , 11, 1312	94
1754	Heart failure in the course of a pandemic. 2020 , 22, 1755-1758	3
1753	The Novel Coronavirus Disease (COVID-19) and Its Impact on Cardiovascular Disease. 2020 , 28, 163-176	12
1752	Impact of Cardiovascular Disease on Clinical Characteristics and Outcomes of Coronavirus Disease 2019 (COVID-19). 2020 , 84, 1277-1283	26
1751	The "Three Italy" of the COVID-19 epidemic and the possible involvement of SARS-CoV-2 in triggering complications other than pneumonia. 2020 , 26, 311-323	11
1750	Neurotropism of SARS-CoV-2: COVID-19 presenting with an acute manic episode. 2020 , 13,	24
1749	COVID-19: to be or not to be; that is the diagnostic question. 2020 , 96, 392-398	21
1748	Development of Point-of-Care Biosensors for COVID-19. 2020 , 8, 517	112
1747	Artificial Neural Network Modeling of Novel Coronavirus (COVID-19) Incidence Rates across the Continental United States. 2020 , 17,	67
1746	Balancing Service and Safety: Cardiovascular Medicine Divisional Response to the COVID-19 Pandemic. 2020 , 2, 1368-1375	

1745	Reconfiguring the scope and practice of regional anesthesia in a pandemic: the COVID-19 perspective. 2020 , 45, 536-543	10
1744	Management of clozapine treatment during the COVID-19 pandemic. 2020 , 10, 2045125320928167	22
1743	Severe COVID-19 and aging: are monocytes the key?. 2020 , 42, 1051-1061	70
1742	Full Issue PDF. 2020 , 2, I-CCXIV	
1741	Persistent Value of the Stethoscope in the Age of COVID-19. 2020 , 133, 1143-1150	18
1740	Doxycycline as a potential partner of COVID-19 therapies. 2020 , 21, e00864	51
1739	Can complementary and alternative medicines be beneficial in the treatment of COVID-19 through improving immune system function?. 2020 , 13, 893-896	22
1738	Compassionate Use of Hydroxychloroquine in Clinical Practice for Patients With Mild to Severe COVID-19 in a French University Hospital. 2021 , 73, e4064-e4072	34
1737	Impact of COVID-19 on cardiac surgical training: Our experience in the United Kingdom. 2020 , 35, 1954-1957	18
1736	Curative anticoagulation prevents endothelial lesion in COVID-19 patients. 2020 , 18, 2391-2399	45
1735	COVID-19: pathogenesis, genetic polymorphism, clinical features and laboratory findings. 2020 , 50, 638-657	8
1734	Repurposing minocycline for COVID-19 management: mechanisms, opportunities, and challenges. 2020 , 18, 997-1003	13
1733	Position Paper for the State-of-the-Art Application of Respiratory Support in Patients with COVID-19. 2020 , 99, 521-542	33
1732	Covid-19 and cardiovascular risk: Susceptibility to infection to SARS-CoV-2, severity and prognosis of Covid-19 and blockade of the renin-angiotensin-aldosterone system. An evidence-based viewpoint. 2020 , 30, 1227-1235	24
1731	Cardiac imaging in congenital heart disease during the coronavirus disease-2019 pandemic: recommendations from the Working Group on Congenital Heart Disease of the Italian Society of Cardiology. 2020 , 21, 467-471	7
1730	Altered COVID-19 receptor ACE2 expression in a higher risk group for cerebrovascular disease and ischemic stroke. 2020 , 528, 413-419	30
1729	Hepatic consequences of COVID-19 infection. Lapping or biting?. 2020 , 77, 18-24	53
1728	Endocrine Conditions and COVID-19. 2020 , 52, 471-484	20

1727	COVID-19: Specific and Non-Specific Clinical Manifestations and Symptoms: The Current State of Knowledge. 2020 , 9,	134
1726	Key Strategies for Clinical Management and Improvement of Healthcare Services for Cardiovascular Disease and Diabetes Patients in the Coronavirus (COVID-19) Settings: Recommendations From the REPROGRAM Consortium. 2020 , 7, 112	25
1725	Detection of viral SARS-CoV-2 genomes and histopathological changes in endomyocardial biopsies. 2020 , 7, 2440-2447	104
1724	Cardiac Involvement in COVID-19-Assessment with Echocardiography and Cardiac Magnetic Resonance Imaging. 2020 , 2, 1-7	17
1723	Epidemiological and clinical features of 2019 novel coronavirus diseases (COVID-19) in the South of Iran. 2020 , 20, 427	74
1722	Cytokine Storm in COVID-19-Immunopathological Mechanisms, Clinical Considerations, and Therapeutic Approaches: The REPROGRAM Consortium Position Paper. 2020 , 11, 1648	201
1721	Epidemiological and Clinical Characteristics of Cases During the Early Phase of COVID-19 Pandemic: A Systematic Review and Meta-Analysis. 2020 , 7, 295	28
1720	COVID-19 and the cardiovascular system: A review of current data, summary of best practices, outline of controversies, and illustrative case reports. 2020 , 226, 174-187	8
1719	COVID-19 and Kidney Disease: Molecular Determinants and Clinical Implications in Renal Cancer. 2020 , 6, 1086-1096	15
1718	The Role of the American Heart Association in the Global COVID-19 Pandemic. 2020 , 141, e743-e745	22
1717	Cardiovascular Considerations for Patients, Health Care Workers, and Health Systems During the COVID-19 Pandemic. 2020 , 75, 2352-2371	1109
1716	Smoking Upregulates Angiotensin-Converting Enzyme-2 Receptor: A Potential Adhesion Site for Novel Coronavirus SARS-CoV-2 (Covid-19). 2020 , 9,	292
1715	Characteristics and Outcomes of 21 Critically Ill Patients With COVID-19 in Washington State. 2020 , 323, 1612-1614	1398
1714	Kidney disease is associated with in-hospital death of patients with COVID-19. 2020 , 97, 829-838	1385
1713	Should COVID-19 Concern Nephrologists? Why and to What Extent? The Emerging Impasse of Angiotensin Blockade. 2020 , 144, 213-221	181
1712	Renin-Angiotensin System Blockers and the COVID-19 Pandemic: At Present There Is No Evidence to Abandon Renin-Angiotensin System Blockers. 2020 , 75, 1382-1385	323
1711	Considerations for cardiac catheterization laboratory procedures during the COVID-19 pandemic perspectives from the Society for Cardiovascular Angiography and Interventions Emerging Leader Mentorship (SCAI ELM) Members and Graduates. 2020 , 96, 586-597	69
1710	Is There an Association Between COVID-19 Mortality and the Renin-Angiotensin System? A Call for Epidemiologic Investigations. 2020 , 71, 870-874	163

1709	The COVID-19 pandemic: implications for the cytology laboratory. 2020 , 9, 202-211	60
1708	Football cannot restart soon during the COVID-19 emergency! A critical perspective from the Italian experience and a call for action. 2020 , 54, 1186-1187	63
1707	Antihypertensive drugs and risk of COVID-19? - Authors' reply. 2020 , 8, e32-e33	31
1706	Interaction between RAAS inhibitors and ACE2 in the context of COVID-19. <i>Nature Reviews Cardiology</i> , 2020 , 17, 313	14.8 62
1705	COVID-19, ACE2, and the cardiovascular consequences. 2020 , 318, H1084-H1090	411
1704	COVID-19 and Older Adults: What We Know. 2020 , 68, 926-929	419
1703	COVID-19 pandemic, coronaviruses, and diabetes mellitus. 2020 , 318, E736-E741	380
1702	AhR and IDO1 in pathogenesis of Covid-19 and the "Systemic AhR Activation Syndrome:" a translational review and therapeutic perspectives. 2020 , 38, 343-354	32
1701	Well-controlled vs poorly-controlled diabetes in patients with COVID-19: Are there any differences in outcomes and imaging findings?. 2020 , 166, 108286	13
1700	La Sociedad Colombiana de Cardiología y Cirugía Cardiovascular y la pandemia COVID-19. 2020 , 27, 69-72	
1699	The Rapid Transformation of Cardiac Surgery Practice in the Coronavirus Disease 2019 (COVID-19) Pandemic: Insights and Clinical Strategies From a Center at the Epicenter. 2020 , 110, 1108-1118	11
1698	SARS-CoV-2 pathophysiology and assessment of coronaviruses in CNS diseases with a focus on therapeutic targets. 2020 , 1866, 165889	38
1697	Cardiac sequelae of novel coronavirus disease 2019 (COVID-19): a clinical case series. 2020 , 4, 1-6	11
1696	Chest Computed Tomography Manifestation of Coronavirus Disease 2019 (COVID-19) in Patients With Cardiothoracic Conditions. 2020 , 35, W90-W96	15
1695	Metabolic Syndrome and COVID 19: Endocrine-Immune-Vascular Interactions Shapes Clinical Course. 2020 , 161,	49
1694	Exploring Sodium Glucose Co-Transporter-2 (SGLT2) Inhibitors for Organ Protection in COVID-19. 2020 , 9,	14
1693	Treatment with ACE inhibitors or ARBs and risk of severe/lethal COVID-19: a meta-analysis. 2020 , 106, 1519-1524	59
1692	Acute Inflammation and Elevated Cardiac Markers in a Two-Month-Old Infant with Severe Acute Respiratory Syndrome Coronavirus 2 Infection Presenting with Cardiac Symptoms. 2020 , 39, e149-e151	11

1691	The rapid transformation of cardiac surgery practice in the coronavirus disease 2019 (COVID-19) pandemic: Insights and clinical strategies from a center at the epicenter. 2020 , 160, 937-947.e2	18
1690	Repurposing Therapeutics for Potential Treatment of SARS-CoV-2: A Review. 2020 , 12,	27
1689	The characteristics and outcomes of 681 severe cases with COVID-19 in China. 2020 , 60, 32-37	39
1688	Post-mortem routine practice in the era of the COVID-19 pandemic. 2020 , 74, 102010	2
1687	Single-cell analysis of SARS-CoV-2 receptor ACE2 and spike protein priming expression of proteases in the human heart. 2020 , 116, 1733-1741	44
1686	Disequilibrium between the classic renin-angiotensin system and its opposing arm in SARS-CoV-2-related lung injury. 2020 , 319, L325-L336	40
1685	Coronavirus disease 2019 (COVID-19) outbreak: some serious consequences with urban and rural water cycle. 2020 , 3,	67
1684	Renal complications in COVID-19: a systematic review and meta-analysis. 2020 , 52, 345-353	82
1683	Cancer Patients Have a Higher Risk Regarding COVID-19 - and Vice Versa?. 2020 , 13,	9
1682	Radiomics Analysis of Computed Tomography helps predict poor prognostic outcome in COVID-19. 2020 , 10, 7231-7244	56
1681	Review of evidence on using ACEi and ARBs in patients with hypertension and COVID-19. 2020 , 36, 1-4	3
1680	Review of safety and minimum pricing of nitazoxanide for potential treatment of COVID-19. 2020 , 6, 52-60	25
1679	Cardiovascular Considerations for the Internist and Hospitalist in the COVID-19 Era. 2020 , 133, 1254-1261	3
1678	Cardiological society of India document on safety measure during echo evaluation of cardiovascular disease in the time of COVID-19. 2020 , 72, 145-150	3
1677	The rapid transformation of cardiac surgery practice in the coronavirus disease 2019 (COVID-19) pandemic: insights and clinical strategies from a centre at the epicentre. 2020 , 58, 667-675	9
1676	COVID-19 pandemia and inherited cardiomyopathies and channelopathies: a short term and long term perspective. 2020 , 15, 157	6
1675	Predictors of severe or lethal COVID-19, including Angiotensin Converting Enzyme inhibitors and Angiotensin II Receptor Blockers, in a sample of infected Italian citizens. 2020 , 15, e0235248	54
1674	COVID-19 in recent heart transplant recipients: Clinicopathologic features and early outcomes. 2020 , 22, e13382	26

1673	Electrocardiographic features of patients with COVID-19 pneumonia. 2020 , 78, 101-106	70
1672	Saudi Society for Cardiac Surgeons consensus document on COVID-19, April 1, 2020. 2020 , 28, 307-311	2
1671	Radiological manifestations of COVID-19: key points for the physician. 2020 , 81, 1-11	4
1670	Analysis of clinical features and early warning signs in patients with severe COVID-19: A retrospective cohort study. 2020 , 15, e0235459	8
1669	COVID-19 cardiac injury: Implications for long-term surveillance and outcomes in survivors. 2020 , 17, 1984-1990	130
1668	COVID-19 and non-alcoholic fatty liver disease: Two intersecting pandemics. 2020 , 50, e13338	56
1667	The Emerging Threat of (Micro)Thrombosis in COVID-19 and Its Therapeutic Implications. 2020 , 127, 571-587	254
1666	COVID-19 pandemic and sick building syndrome. 2020 , 29, 1181-1183	13
1665	Extrapulmonary manifestations of COVID-19. 2020 , 26, 1017-1032	1253
1664	In the eye of the storm: the right ventricle in COVID-19. 2020 , 10, 2045894020936660	36
1663	ACE2 as a Therapeutic Target for COVID-19; its Role in Infectious Processes and Regulation by Modulators of the RAAS System. 2020 , 9,	19
1662	Coronavirus disease 2019 (Covid-19) presenting as purulent fulminant myopericarditis and cardiac tamponade: A case report and literature review. 2020 , 49, 858-863	15
1661	Coronavirus disease 2019 (COVID-19): Experiences and protocols from the Department of Prosthodontics at the Wuhan University. 2021 , 126, 41-50	7
1660	COVID-19 Testing in Patients with Cancer: Does One Size Fit All?. 2020 , 26, 4737-4742	14
1659	SARS-CoV-2 Evolutionary Adaptation toward Host Entry and Recognition of Receptor O-Acetyl Sialylation in Virus-Host Interaction. 2020 , 21,	48
1658	Aromatic Herbs, Medicinal Plant-Derived Essential Oils, and Phytochemical Extracts as Potential Therapies for Coronaviruses: Future Perspectives. 2020 , 9,	45
1657	Adapting to Uncertainty: Nursing Responsiveness to COVID-19. 2020 , 35, 322-323	4
1656	Cardiovascular disease management during the coronavirus disease 2019 pandemic. 2020 , 17, 1340-1344	1

1655	Anesthesia Professionals: Helping to Lead the COVID-19 Pandemic Response From Behind the Drape and Beyond. 2020 , 24, 121-126	1
1654	COVID-19 and RAS: Unravelling an Unclear Relationship. 2020 , 21,	42
1653	COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options. 2020 , 116, 1666-1687	714
1652	Current Perspectives on Coronavirus Disease 2019 and Cardiovascular Disease: A White Paper by the Editors. 2020 , 9, e017013	38
1651	COVID-19: Therapeutics and Their Toxicities. 2020 , 16, 284-294	57
1650	SARS-CoV-2 receptor ACE2-dependent implications on the cardiovascular system: From basic science to clinical implications. 2020 , 144, 47-53	86
1649	Renin-Angiotensin-Aldosterone System Blockers and the Risk of Covid-19. 2020 , 382, 2431-2440	709
1648	Evidence for Use or Disuse of Renin-Angiotensin System Modulators in Patients Having COVID-19 With an Underlying Cardiorenal Disorder. 2020 , 25, 299-306	11
1647	Understanding the renin-angiotensin-aldosterone-SARS-CoV axis: a comprehensive review. 2020 , 56,	91
1646	ACE2: The key Molecule for Understanding the Pathophysiology of Severe and Critical Conditions of COVID-19: Demon or Angel?. 2020 , 12,	84
1645	Evolution of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) as coronavirus disease 2019 (COVID-19) pandemic: A global health emergency. 2020 , 730, 138996	196
1644	Reporting of all cardiac medications and their outcome in COVID-19. 2020 , 92, 1419-1420	11
1643	Patterns of heart injury in COVID-19 and relation to outcome. 2020 , 92, 1747	20
1642	Cardiovascular Disease and Use of Renin-Angiotensin System Inhibitors in COVID-19. 2020 , 20, 217-221	20
1641	Intensive care management of coronavirus disease 2019 (COVID-19): challenges and recommendations. 2020 , 8, 506-517	812
1640	COVID-19 in patients with cardiovascular diseases. 2020 , 113, 225-226	21
1639	Care of the pregnant woman with coronavirus disease 2019 in labor and delivery: anesthesia, emergency cesarean delivery, differential diagnosis in the acutely ill parturient, care of the newborn, and protection of the healthcare personnel. 2020 , 223, 66-74.e3	72
1638	Individual risk management strategy and potential therapeutic options for the COVID-19 pandemic. 2020 , 215, 108409	142

1637	COVID-19 and diabetes: Knowledge in progress. 2020 , 162, 108142	354
1636	SARS-CoV-2, COVID-19, and inherited arrhythmia syndromes. 2020 , 17, 1456-1462	115
1635	The cardiovascular burden of coronavirus disease 2019 (COVID-19) with a focus on congenital heart disease. 2020 , 309, 70-77	160
1634	Commentary: What is the relationship between Covid-19 and cardiovascular disease?. 2020 , 310, 167-168	22
1633	ASE Statement on Protection of Patients and Echocardiography Service Providers During the 2019 Novel Coronavirus Outbreak: Endorsed by the American College of Cardiology. 2020 , 75, 3078-3084	92
1632	The Novel Coronavirus Disease (COVID-19) Threat for Patients With Cardiovascular Disease and Cancer. 2020 , 2, 350-355	62
1631	Positive SARS-Cov-2 test in a woman with COVID-19 at 22 days after hospital discharge: A case report. 2020 , 7, 413-417	12
1630	Angiotensin-Converting Enzyme 2 and Antihypertensives (Angiotensin Receptor Blockers and Angiotensin-Converting Enzyme Inhibitors) in Coronavirus Disease 2019. 2020 , 95, 1222-1230	94
1629	[Coronavirus: the geriatric emergency of 2020. Joint document of the Section on Geriatric Cardiology of the Spanish Society of Cardiology and the Spanish Society of Geriatrics and Gerontology]. 2020 , 73, 569-576	39
1628	COVID-19: A promising cure for the global panic. 2020 , 725, 138277	315
1627	Reply to: 'Interaction between RAAS inhibitors and ACE2 in the context of COVID-19'. <i>Nature Reviews Cardiology</i> , 2020 , 17, 313-314	14.8 25
1626	Cardiovascular Consequences and Considerations of Coronavirus Infection - Perspectives for the Cardiothoracic Anesthesiologist and Intensivist During the Coronavirus Crisis. 2020 , 34, 1713-1716	8
1625	Role of Tissue Engineering in COVID-19 and Future Viral Outbreaks. 2020 , 26, 468-474	22
1624	Hypertension and COVID-19. 2020 , 33, 373-374	162
1623	Inside the heart of COVID-19. 2020 , 116, e59-e61	24
1622	COVID-19 pandemic and cardiac imaging: EACVI recommendations on precautions, indications, prioritization, and protection for patients and healthcare personnel. 2020 , 21, 592-598	158
1621	Cardiac and arrhythmic complications in patients with COVID-19. 2020 , 31, 1003-1008	338
1620	Medical recommendations for home-confined footballers' training during the COVID-19 pandemic: from evidence to practical application. 2020 , 37, 203-207	44

1619	COVID-19 and dialysis: why we should be worried. 2020 , 33, 401-403	20
1618	ASE Statement on Protection of Patients and Echocardiography Service Providers During the 2019 Novel Coronavirus Outbreak: Endorsed by the American College of Cardiology. 2020 , 33, 648-653	106
1617	Reusable and Recyclable Graphene Masks with Outstanding Superhydrophobic and Photothermal Performances. 2020 , 14, 6213-6221	179
1616	Mechanisms by which angiotensin-receptor blockers increase ACE2 levels. <i>Nature Reviews Cardiology</i> , 2020 , 17, 378	14.8 22
1615	[Position Paper for the State of the Art Application of Respiratory Support in Patients with COVID-19 - German Respiratory Society]. 2020 , 74, 337-357	25
1614	Salivary diagnostics in COVID-19: Future research implications. 2020 , 15, 364-366	24
1613	Inpatient Care of Patients with COVID-19: A Guide for Hospitalists. 2020 , 133, 1019-1024	10
1612	Loss and grief amidst COVID-19: A path to adaptation and resilience. 2020 , 87, 80-81	85
1611	Cardiac surgery in the time of the coronavirus. 2020 , 35, 1177-1179	15
1610	COVID-19 pandemic-a focused review for clinicians. 2020 , 26, 842-847	206
1609	Anticipating and Mitigating the Impact of the COVID-19 Pandemic on Alzheimer's Disease and Related Dementias. 2020 , 28, 712-721	229
1608	COVID-19 myopericarditis: It should be kept in mind in today's conditions. 2020 , 38, 1547.e5-1547.e6	45
1607	Implicaciones de la pandemia por COVID-19 para el paciente con insuficiencia cardiaca, trasplante cardiaco y asistencia ventricular. Recomendaciones de la Asociaci3n de Insuficiencia Cardiaca de la Sociedad Espa2ala de Cardiolog3a. 2020 , 55, 94-102	4
1606	Might renin-angiotensin system blockers play a role in the COVID-19 pandemic?. 2020 , 6, 248-251	18
1605	Cardiac drugs and outcome in COVID-19. 2020 , 113, 523-524	8
1604	Environmental perspective of COVID-19. 2020 , 728, 138870	373
1603	Commentary: COVID-19 and diabetes mellitus: What we know, how our patients should be treated now, and what should happen next. 2020 , 107, 154245	46
1602	COVID-19 Convalescent Plasma: Now Is the Time for Better Science. 2020 , 34, 141-144	46

1601	Angiotensin-converting enzyme 2 in severe acute respiratory syndrome coronavirus and SARS-CoV-2: A double-edged sword?. 2020 , 34, 6017-6026	66
1600	Scientific research progress of COVID-19/SARS-CoV-2 in the first five months. 2020 , 24, 6558-6570	59
1599	The double burden of disease of COVID-19 in cardiovascular patients: overlapping conditions could lead to overlapping treatments. 2020 , 35, 335-337	9
1598	Cardiovascular Complications in Patients with COVID-19: Consequences of Viral Toxicities and Host Immune Response. 2020 , 22, 32	111
1597	Should Patients Receiving ACE Inhibitors or Angiotensin Receptor Blockers be Switched to Other Antihypertensive Drugs to Prevent or Improve Prognosis of Novel Coronavirus Disease 2019 (COVID-19)?. 2020 , 43, 507-509	15
1596	Renin-angiotensin system at the heart of COVID-19 pandemic. 2020 , 174, 30-33	88
1595	Elevated Troponin in Patients With Coronavirus Disease 2019: Possible Mechanisms. 2020 , 26, 470-475	170
1594	Specific Considerations for Pediatric, Fetal, and Congenital Heart Disease Patients and Echocardiography Service Providers during the 2019 Novel Coronavirus Outbreak: Council on Pediatric and Congenital Heart Disease Supplement to the Statement of the American Society of Echocardiography: Endorsed by the Society of Pediatric Echocardiography and the Fetal Heart Society. 2020 , 33, 658-668	16
1593	Cardiovascular and Logistic Issues Associated With COVID-19 Pandemic. 2020 , 29, 655-656	3
1592	Coronavirus disease 2019 and the cardiovascular system: Impacts and implications. 2020 , 72, 1-6	9
1591	Managing ACS during COVID-19 infection: Do not follow the traditional route. 2020 , 72, 128-130	1
1590	COVID-19 y enfermedad cardiovascular. 2020 , 27, 166-174	3
1589	The COVID-19 outbreak and its impact on hospitals in Italy: the model of cardiac surgery. 2020 , 57, 1025-1028	42
1588	Cardiac involvement in COVID-19 patients: Risk factors, predictors, and complications: A review. 2020 , 35, 1302-1305	93
1587	Repurposing Didanosine as a Potential Treatment for COVID-19 Using Single-Cell RNA Sequencing Data. 2020 , 5,	22
1586	Letter to the Editor: Angiotensin-converting enzyme 2: an ally or a Trojan horse? Implications to SARS-CoV-2-related cardiovascular complications. 2020 , 318, H1080-H1083	28
1585	Epidemiology and clinical features of COVID-19: A review of current literature. 2020 , 127, 104357	198
1584	Preparing IR for COVID-19: The Singapore Experience. 2020 , 31, 869-875	18

1583	Insights for increased risk of failed fibrinolytic therapy and stent thrombosis associated with COVID-19 in ST-segment elevation myocardial infarction patients. 2021 , 97, E241-E243	23
1582	When fear and misinformation go viral: Pharmacists' role in deterring medication misinformation during the 'infodemic' surrounding COVID-19. 2021 , 17, 1954-1963	80
1581	Use of systemic therapies for psoriasis in the COVID-19 era. 2021 , 1-4	7
1580	Emerging Biomolecular Testing to Assess the Risk of Mortality from COVID-19 Infection. 2021 , 18, 476-482	13
1579	Wearable Sensing and Telehealth Technology with Potential Applications in the Coronavirus Pandemic. 2021 , 14, 48-70	86
1578	Invasive strategy for COVID patients presenting with acute coronary syndrome: The first multicenter Italian experience. 2021 , 97, 195-198	12
1577	Liver Biochemistries in Hospitalized Patients With COVID-19. 2021 , 73, 890-900	98
1576	COVID-19 complicated by acute myocardial infarction with extensive thrombus burden and cardiogenic shock. 2021 , 97, E661-E666	25
1575	SARS-COV-2 infection presenting as ST-elevation myocardial infarction. 2021 , 97, E339-E342	5
1574	Massive coronary thrombosis caused primary percutaneous coronary intervention to fail in a COVID-19 patient with ST-elevation myocardial infarction. 2021 , 97, E667-E669	11
1573	Molecular chronicles of cytokine burst in patients with coronavirus disease 2019 (COVID-19) with cardiovascular diseases. 2021 , 161, e217-e226	6
1572	Model informed dosing of hydroxychloroquine in COVID-19 patients: Learnings from the recent experience, remaining uncertainties and gaps. 2021 , 87, 674-682	3
1571	Outbreak of SARS-CoV2: Pathogenesis of infection and cardiovascular involvement. 2021 , 62, 13-23	19
1570	Propofol and sedation in patients with coronavirus disease. 2021 , 42, 250	3
1569	COVID-19 pandemic: Practical considerations on the organization of an allergy clinic-An EAACI/ARIA Position Paper. 2021 , 76, 648-676	46
1568	Worse progression of COVID-19 in men: Is testosterone a key factor?. 2021 , 9, 53-64	58
1567	Protein structure analysis of the interactions between SARS-CoV-2 spike protein and the human ACE2 receptor: from conformational changes to novel neutralizing antibodies. 2021 , 78, 1501-1522	56
1566	Understanding COVID-19 transmission through Bayesian probabilistic modeling and GIS-based Voronoi approach: a policy perspective. 2020 , 23, 1-19	40

1565	Extrapulmonary complications of COVID-19: A multisystem disease?. 2021 , 93, 323-335	63
1564	Severe Acute Respiratory Syndrome Coronavirus-2 Cardiovascular Complications: Implications for Cardiothoracic Anesthesiology. 2021 , 35, 932-943	1
1563	Perspective: Vitamin D deficiency and COVID-19 severity - plausibly linked by latitude, ethnicity, impacts on cytokines, ACE2 and thrombosis. 2021 , 289, 97-115	111
1562	A gradient boosting machine learning approach in modeling the impact of temperature and humidity on the transmission rate of COVID-19 in India. 2020 , 51, 1-13	12
1561	Mortality and morbidity in patients with congenital heart disease hospitalised for viral pneumonia. 2020 ,	6
1560	SARS-CoV-2 and the pandemic of COVID-19. 2021 , 97, 110-116	61
1559	Fighting the War Against COVID-19 via Cell-Based Regenerative Medicine: Lessons Learned from 1918 Spanish Flu and Other Previous Pandemics. 2021 , 17, 9-32	5
1558	Cardiac manifestations in SARS-CoV-2-associated multisystem inflammatory syndrome in children: a comprehensive review and proposed clinical approach. 2021 , 180, 307-322	124
1557	Game of "crowning" season 8: RAS and reproductive hormones in COVID-19 - can we end this viral series?. 2021 , 17, 275-284	3
1556	Risk factors for the COVID-19 severity and its correlation with viral shedding: A retrospective cohort study. 2021 , 93, 952-961	13
1555	Association of history of cerebrovascular disease with severity of COVID-19. 2021 , 268, 773-784	8
1554	Antimalarial and cytotoxic drugs on COVID-19 and the cardiovascular burden: Literature review and lessons to be learned. 2021 , 29, 220-227	1
1553	COVID-19: potential effects on Chinese citizens' lifestyle and travel. 2021 , 76, 74-87	272
1552	Cardiovascular Complications of COVID-19: Pharmacotherapy Perspective. 2021 , 35, 249-259	16
1551	Prevalence of comorbidities among individuals with COVID-19: A rapid review of current literature. 2021 , 49, 238-246	111
1550	Assessment of Cardiac Arrhythmic Risk in Children With Covid-19 Infection. 2021 , 42, 264-268	4
1549	Antithrombotic therapy in patients with COVID-19? -Rationale and Evidence. 2021 , 324, 261-266	29
1548	Can human overcome viral hijack? Comprehensive review on COVID-19 in the view of diagnosis and mitigation across countries. 2021 , 61, 102120	1

1547	Face masks and respirators in the fight against the COVID-19 pandemic: An overview of the standards and testing methods. 2021 , 133, 104995	34
1546	COVID-19 in patients with heart failure: the new and the old epidemic. 2021 , 97, 175-179	17
1545	Can N-3 polyunsaturated fatty acids be considered a potential adjuvant therapy for COVID-19-associated cardiovascular complications?. 2021 , 219, 107703	31
1544	Management of acute coronary syndrome in patients with suspected or confirmed coronavirus disease 2019: Consensus from Taiwan Society of Cardiology. 2021 , 120, 78-82	6
1543	COVID-19: Discovery, diagnostics and drug development. 2021 , 74, 168-184	133
1542	Prevalence and clinical outcomes of cardiac injury in patients with COVID-19: A systematic review and meta-analysis. 2021 , 31, 2-13	7
1541	SARS-COV-2 (COVID-19): Cellular and biochemical properties and pharmacological insights into new therapeutic developments. 2021 , 39, 10-28	5
1540	Angiotensin-converting enzyme 2 (ACE2): COVID 19 gate way to multiple organ failure syndromes. 2021 , 283, 103548	36
1539	Air pollution by NO and PM explains COVID-19 infection severity by overexpression of angiotensin-converting enzyme 2 in respiratory cells: a review. 2020 , 19, 1-18	64
1538	Statistical interpretation of environmental influencing parameters on COVID-19 during the lockdown in Delhi, India. 2020 , 23, 1-14	7
1537	Impact of COVID-19 on cardiac procedure activity in England and associated 30-day mortality. 2021 , 7, 247-256	20
1536	Nutritional risk and therapy for severe and critical COVID-19 patients: A multicenter retrospective observational study. 2021 , 40, 2154-2161	35
1535	Double trouble: combined cardiovascular effects of particulate matter exposure and coronavirus disease 2019. 2021 , 117, 85-95	7
1534	QTc prolongation among hydroxychloroquine sulphate-treated COVID-19 patients: An observational study. 2021 , 75, e13767	5
1533	Impact of Public Health Emergency Response to COVID-19 on Management and Outcome for STEMI Patients in Beijing-A Single-Center Historic Control Study. 2021 , 46, 100693	3
1532	Antibodies at work in the time of severe acute respiratory syndrome coronavirus 2. 2021 , 23, 101-110	11
1531	Myocarditis and inflammatory cardiomyopathy: current evidence and future directions. <i>Nature Reviews Cardiology</i> , 2021 , 18, 169-193	14.8 194
1530	Clinical risk factors for mortality in patients with cancer and COVID-19: a systematic review and meta-analysis of recent observational studies. 2021 , 21, 107-119	16

1529	Sudden cardiogenic shock mimicking fulminant myocarditis in a surviving teenager affected by severe acute respiratory syndrome coronavirus 2 infection. 2021 , 8, 766-773	6
1528	Mechanisms of COVID-19-induced heart failure: a short review. 2021 , 26, 363-369	17
1527	Necrostatin-1 and necroptosis inhibition: Pathophysiology and therapeutic implications. 2021 , 163, 105297	23
1526	The interplay between inflammatory pathways and COVID-19: A critical review on pathogenesis and therapeutic options. 2021 , 150, 104673	45
1525	Cell membrane chromatography for the analysis of the interaction between chloroquine and hydroxychloroquine with ACE2 receptors. 2021 , 1162, 122469	1
1524	Hydroxychloroquine/azithromycin treatment, QT interval and ventricular arrhythmias in hospitalised patients with COVID-19. 2021 , 75, e13896	8
1523	Elevated cardiac biomarkers may be effective prognostic predictors for patients with COVID-19: A multicenter, observational study. 2020 ,	11
1522	Molecular docking simulation reveals ACE2 polymorphisms that may increase the affinity of ACE2 with the SARS-CoV-2 Spike protein. 2021 , 180, 143-148	28
1521	Impact of hydrological factors on the dynamic of COVID-19 epidemic: A multi-region study in China. 2021 , 198, 110474	4
1520	Biomimetic Nanomaterial Strategies for Virus Targeting: Antiviral Therapies and Vaccines. 2021 , 31, 2008352	9
1519	Focus, Not Point-of-Care, Echocardiography in Prone Position: It Can Be Done in COVID-19 Patients. 2021 , 5, 53-55	2
1518	Coronavirus Disease 2019-Associated Thrombosis and Coagulopathy: Review of the Pathophysiological Characteristics and Implications for Antithrombotic Management. 2021 , 10, e019650	58
1517	Angiotensin-converting enzyme 2 and COVID-19: patients, comorbidities, and therapies. 2021 , 320, L301-L330	11
1516	Effects of renin-angiotensin-aldosterone system inhibitors on disease severity and mortality in patients with COVID-19: A meta-analysis. 2021 , 93, 2287-2300	13
1515	Sports Medicine Considerations During the COVID-19 Pandemic. 2021 , 49, 512-521	14
1514	Venous thromboembolic events in patients with COVID-19: a systematic review and meta-analysis. 2021 , 50, 284-293	11
1513	COVID-19 Respiratory Illness and Subsequent Cerebrovascular Events, the Initial Iranian Experience. 2021 , 30, 105454	7
1512	Electrospun ultrafine fibers for advanced face masks. 2021 , 143, 100594	56

1511	Endothelialitis plays a central role in the pathophysiology of severe COVID-19 and its cardiovascular complications. 2021 , 76, 109-124	21
1510	Numbers and phenotype of non-classical CD14 ^{dim} CD16 ⁺ monocytes are predictors of adverse clinical outcome in patients with coronary artery disease and severe SARS-CoV-2 infection. 2021 , 117, 224-239	6
1509	Comparison of infection risks and clinical outcomes in patients with and without SARS-CoV-2 lung infection under renin-angiotensin-aldosterone system blockade: Systematic review and meta-analysis. 2021 , 87, 2475-2492	11
1508	A Multiple-Hit Hypothesis Involving Reactive Oxygen Species and Myeloperoxidase Explains Clinical Deterioration and Fatality in COVID-19. 2021 , 17, 62-72	26
1507	Cardiovascular Care of the Oncology Patient During COVID-19: An Expert Consensus Document From the ACC Cardio-Oncology and Imaging Councils. 2021 , 113, 513-522	6
1506	Therapeutic Approach against 2019-nCoV by Inhibition of ACE-2 Receptor. 2021 , 71, 213-218	7
1505	Intelligence Enabled Research. 2021 ,	0
1504	New drug targets for hypertension: A literature review. 2021 , 1867, 166037	7
1503	Screened antipsychotic drugs inhibit SARS-CoV-2 binding with ACE2 in vitro. 2021 , 266, 118889	13
1502	Impact of lockdown during COVID-19 pandemic on the air quality of North Indian cities. 2021 , 35, 100754	12
1501	Envisioned strategy for an early intervention in virus-suspected patients through non-invasive piezo- and pyro-electric-based wearable sensors. 2021 , 9, 1887-1909	10
1500	SARS-CoV-2, ACE2 expression, and systemic organ invasion. 2021 , 53, 51-60	31
1499	Lung and Kidney ACE2 and TMPRSS2 in Renin-Angiotensin System Blocker-Treated Comorbid Diabetic Mice Mimicking Host Factors That Have Been Linked to Severe COVID-19. 2021 , 70, 759-771	10
1498	Using Cardiovascular Cells from Human Pluripotent Stem Cells for COVID-19 Research: Why the Heart Fails. 2021 , 16, 385-397	13
1497	The Environmental Story During the COVID-19 Lockdown: How Human Activities Affect PM2.5 Concentration in China?. 2022 , 19, 1001005	1
1496	Acute myocardial infarction secondary to COVID-19 infection: A case report and review of the literature. 2021 , 72, 178-182	12
1495	Temperature-Pressure Hybrid Sensing All-Organic Stretchable Energy Harvester. 2021 , 3, 248-259	10
1494	The cardiovascular aspect of COVID-19. 2021 , 53, 227-236	16

1493	Coronavirus Disease (COVID-19): Comprehensive Review of Clinical Presentation. 2020 , 8, 582932	45
1492	The role of renin-angiotensin system activated phagocytes in the SARS-CoV-2 coronavirus infection. 2021 , 73, 1889-1897	3
1491	The effect of angiotensin-converting enzyme levels on COVID-19 susceptibility and severity: a Mendelian randomization study. 2021 , 50, 75-86	4
1490	Genetic analysis of SARS-CoV-2 isolates collected from Bangladesh: Insights into the origin, mutational spectrum and possible pathomechanism. 2021 , 90, 107413	10
1489	Determining crucial genes associated with COVID-19 based on COPD Findings. 2021 , 128, 104126	4
1488	ST-elevation acute coronary syndrome without obstructive coronary disease in a COVID-19 patient. 2021 , 40, 69-70	2
1487	Editorial commentary: Cardiovascular imaging in COVID-19: Focus on safety, value, and clinical relevance. 2021 , 31, 17-19	0
1486	Off-label use of chloroquine, hydroxychloroquine, azithromycin and lopinavir/ritonavir in COVID-19 risks prolonging the QT interval by targeting the hERG channel. 2021 , 893, 173813	14
1485	Mortality and pre-hospitalization use of low-dose aspirin in COVID-19 patients with coronary artery disease. 2021 , 25, 1263-1273	24
1484	Priming of SARS-CoV-2 S protein by several membrane-bound serine proteinases could explain enhanced viral infectivity and systemic COVID-19 infection. 2021 , 296, 100135	28
1483	Obesity, malnutrition, and trace element deficiency in the coronavirus disease (COVID-19) pandemic: An overview. 2021 , 81, 111016	40
1482	Dysregulation of Angiotensin Converting Enzyme 2 Expression and Function in Comorbid Disease Conditions Possibly Contributes to Coronavirus Infectious Disease 2019 Complication Severity. 2021 , 99, 17-28	9
1481	Cardiac injury prediction and lymphocyte immunity and inflammation analysis in hospitalized patients with coronavirus disease 2019 (COVID-19). 2021 , 326, 237-242	8
1480	Electrocardiographic findings at presentation and clinical outcome in patients with SARS-CoV-2 infection. 2021 , 23, 123-129	25
1479	COVID-19 and Major Organ Thromboembolism: Manifestations in Neurovascular and Cardiovascular Systems. 2021 , 30, 105427	10
1478	Thrombin Inhibition by Argatroban: Potential Therapeutic Benefits in COVID-19. 2021 , 35, 195-203	16
1477	The recent outbreaks of human coronaviruses: A medicinal chemistry perspective. 2021 , 41, 72-135	15
1476	Coronavirus disease-19 and cardiovascular disease: A risk factor or a risk marker?. 2021 , 31, e2172	5

1475	Assessing QT interval in COVID-19 patients:safety of hydroxychloroquine-azithromycin combination regimen. 2021 , 324, 242-248	12
1474	Cardiovascular Pathophysiology, Epidemiology, and Treatment Considerations of Coronavirus Disease 2019 (COVID-19): A Review. 2021 , 3, 28-40	3
1473	Impact of COVID-19 on the Cardiovascular System: A Review of Available Reports. 2021 , 35, 411-425	15
1472	COVID-19 and cardiac injury: clinical manifestations, biomarkers, mechanisms, diagnosis, treatment, and follow up. 2021 , 19, 345-357	57
1471	SARS-CoV-2: Mechanism of infection and emerging technologies for future prospects.. 2021 , 31, e2168	14
1470	The ACE2 as a Rescue protein for Suspect enzyme in COVID-19: possible application of the Engineered inactive hrsACE2 as a safer therapeutic agent in the treatment of SARS-CoV-2 infection. 2021 , 18, 495-502	4
1469	Cardiac imaging phenotype in patients with coronavirus disease 2019 (COVID-19): results of the cocarde study. 2021 , 37, 449-457	9
1468	Nutritional status, diet and viral respiratory infections: perspectives for severe acute respiratory syndrome coronavirus 2. 2021 , 125, 851-862	34
1467	The Influence of COVID-19 in Retail: A Systematic Literature Review. 2021 , 171-181	0
1466	ST-elevation acute coronary syndrome without obstructive coronary disease in a COVID-19 patient. 2021 , 40, 69-70	78
1465	Transfer Learning Based COVID-19 Patient Classification. 2021 , 387-397	
1464	COVID-19, hydroxychloroquine and sudden cardiac death: implications for clinical practice in patients with rheumatic diseases. 2021 , 41, 257-273	0
1463	Praktische Empfehlungen der Deutschen Diabetes Gesellschaft zum Diabetesmanagement bei Patientinnen und Patienten mit einer COVID-19-Erkrankung. 2021 , 17, 36-41	0
1462	Coronavirus Pandemic: A Review of a New-fangled Risk to Public Health. 2021 , 259-270	
1461	Mechanism and transmission routes of COVID-19. 2021 , 65-88	2
1460	Use of Artificial Intelligence (AI) in Fighting With the Novel Coronavirus (COVID-19). 2021 , 21-30	
1459	Review of pharmacologic and immunologic agents in the management of COVID-19. 2021 , 3, 148-155	3
1458	Cardiovascular disease in patients with COVID-19: evidence from cardiovascular pathology to treatment. 2021 , 53, 273-282	9

1457	Cardiovascular disease in SARS-CoV-2 infection. 2021 , 10, e1343	8
1456	Targeting Endolysosomal Two-Pore Channels to Treat Cardiovascular Disorders in the Novel COroNaVirus Disease 2019. 2021 , 12, 629119	9
1455	COVID-19-Related Pericarditis with Pericardial Clotting as a Hallmark: Two Cases and a Review. 2021 , 31, 1-5	0
1454	Bioinformatics and system biology approach to identify the influences of COVID-19 on cardiovascular and hypertensive comorbidities. 2021 , 22, 1387-1401	17
1453	Potential Role of Gut Microbiota in Traditional Chinese Medicine against COVID-19. 2021 , 49, 785-803	5
1452	Pain Symptoms in Patients with Coronavirus Disease (COVID-19): A Literature Review. 2021 , 14, 147-159	22
1451	COVID-19 and Cardiovascular Diseases. 2021 , 1318, 263-291	1
1450	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): a Systemic Infection. 2021 , 34,	61
1449	The coronavirus disease 2019 and effect on liver function. 2021 , Publish Ahead of Print,	6
1448	Clinical features of hypertensive patients with COVID-19 compared with a normotensive group: Single-center experience in China. 2021 , 16, 367-374	1
1447	Sialylation of host proteins as targetable risk factor for COVID-19 susceptibility and spreading: A hypothesis. 2021 , 3, 192-197	0
1446	Association between chronic kidney disease and COVID-19-related mortality in New York. 2021 , 39, 2987-2993	8
1445	The evaluation of Avian Influenza and Coronavirus as Human Pathogenic Enveloped Viruses for Possible Health Risk in Seafood: A Review.	0
1444	Potential adverse effects of coronavirus disease 2019 on the cardiovascular system.. 2021 , 6, 30-40	
1443	Recommendations for the Recognition, Diagnosis, and Management of Patients with Post COVID-19 Condition ('Long COVID'): A Delphi Study.	1
1442	COVID-19 and cardiovascular disease: Clinical implications of biochemical pathways. 2021 , 7, 97	1
1441	Level of the SARS-CoV-2 receptor ACE2 activity is highly elevated in old-aged patients with aortic stenosis: implications for ACE2 as a biomarker for the severity of COVID-19. 2021 , 43, 19-29	9
1440	Reaction of Human Monoclonal Antibodies to SARS-CoV-2 Proteins With Tissue Antigens: Implications for Autoimmune Diseases. 2020 , 11, 617089	84

1439	NMR Spectroscopic Windows on the Systemic Effects of SARS-CoV-2 Infection on Plasma Lipoproteins and Metabolites in Relation to Circulating Cytokines. 2021 , 20, 1382-1396	25
1438	Cardiac Biomarker Levels and Their Prognostic Values in COVID-19 Patients With or Without Concomitant Cardiac Disease. 2020 , 7, 599096	3
1437	COVID-19, Angiotensin-Converting Enzyme 2 and Renin-Angiotensin System Inhibition: Implications for Practice. 2021 ,	1
1436	Cardiovascular Health and Disease in the Context of COVID-19. 2021 , 12, 67-79	7
1435	Major Adverse Cardiovascular Events (MACE) in COVID-19 Infection and the Role of Cardiac Biomarkers: A Systematic Literature Review. 2021 , 30, S232	78
1434	A quantitative exploration of symptoms in COVID-19 patients: an observational cohort study. 2021 , 18, 1082-1095	4
1433	A Rare Case of Acute Pericarditis Due to SARS-CoV-2 Managed With Aspirin and Colchicine. 2021 , 13, e12534	1
1432	SARS-CoV-2 infection and smoking: What is the association? A brief review. 2021 , 19, 1654-1660	3
1431	COVID-19 and Acute Coronary Syndromes: Current Data and Future Implications. 2020 , 7, 593496	11
1430	A super learner ensemble of 14 statistical learning models for predicting COVID-19 severity among patients with cardiovascular conditions. 2021 , 5, 100030	4
1429	Impact of congestive heart failure and role of cardiac biomarkers in COVID-19 patients: A systematic review and meta-analysis. 2021 , 73, 91-98	11
1428	Review on COVID-19 Etiopathogenesis, Clinical Presentation and Treatment Available with Emphasis on ACE2. 2021 , 36, 1-20	5
1427	COVID-19 and SARS-CoV-2: Everything we know so far [A comprehensive review. 2021 , 19, 548-575	1
1426	Anti-heart antibodies levels and their correlation with clinical symptoms and outcomes in patients with confirmed or suspected diagnosis COVID-19. 2021 , 51, 893-902	10
1425	COVID-19 in Early Postoperative Heart Transplantation - Initial Experience. 2021 , 116, 144-146	2
1424	Association of smoking and cardiovascular disease with disease progression in COVID-19: A systematic review and meta-analysis. 2021 , 1-26	1
1423	Possible mechanisms of cholesterol elevation aggravating COVID-19. 2021 , 18, 3533-3543	4
1422	Computational Modeling of ACE2-Mediated Cell Entry Inhibitors for the Development of Drugs Against Coronaviruses. 2021 , 495	0

1421	Does Social Stigma and Neglect Post-COVID-19 Matter? A Case Report on Brief Psychotic Disorder Post-COVID-19 and Self-Quarantine. 2021 , 13, e12973	1
1420	Human induced pluripotent stem cells as a tool for disease modeling and drug screening for COVID-19. 2020 , 44, e20200198	1
1419	Things You Should Know in the Performing Echocardiographic Examination in Patients with COVID-19. 2021 , 29, 20-30	1
1418	Stress and physical inactivity: two explosive ingredients for the heart in COVID-19 pandemic times. 2021 ,	4
1417	The cardiovascular disorders and prognostic cardiac biomarkers in COVID-19. 2021 , 48, 1763-1771	2
1416	SARS-CoV-2 and Pre-existing Vascular Diseases: Guilt by Association?. 2021 , 15, 11795468211010705	1
1415	COVID-19 and Myocardial Injury in a Brazilian ICU: High Incidence and Higher Risk of In-Hospital Mortality. 2021 , 116, 275-282	7
1414	SARS-CoV-2 detection and sequencing in heart tissue associated with myocarditis and persistent arrhythmia: A case report. 2021 , 25, e01187	1
1413	Vigilance on New-Onset Atherosclerosis Following SARS-CoV-2 Infection. 2020 , 7, 629413	9
1412	Management of acute coronary syndrome in the context of coronavirus disease 2019. 2021 , 100, e24151	1
1411	Mix Contrast for COVID-19 Mild-to-Critical Prediction. 2021 , 68, 3725-3736	1
1410	Increased COVID-19-related workplace bullying during its outbreak: a 2-month prospective cohort study of full-time employees in Japan. 2021 , 3, n/a	0
1409	Pneumomediastinum and subcutaneous emphysema as complication in COVID-19 patient with high CT severity score: Two case reports. 2021 , 31, S187-S191	0
1408	Promising Therapy for Heart Failure in Patients with Severe COVID-19: Calming the Cytokine Storm. 2021 , 35, 231-247	10
1407	Coronaviruses: What Should We Know About the Characteristics of Viruses?. 2021 , 1318, 23-39	
1406	Roborovski hamster strain SH101 as a systemic infection model of SARS-CoV-2. 2021 , 12, 2430-2442	4
1405	The Clinical Characteristics and Risk Factors of Severe COVID-19. 2021 , 67, 255-266	25
1404	Impact of prior statin use on clinical outcomes in COVID-19 patients: data from tertiary referral hospitals during COVID-19 pandemic in Italy. 2021 , 15, 68-78	24

1403	COVID-19 intervention models: An initial aggressive treatment strategy for controlling the infection. 2021 , 6, 351-361	4
1402	Kinocardiography Derived from Ballistocardiography and Seismocardiography Shows High Repeatability in Healthy Subjects. 2021 , 21,	4
1401	SARS-CoV-2 leads to a small vessel endotheliitis in the heart. 2021 , 63, 103182	54
1400	COVID-19 and Toll-Like Receptor 4 (TLR4): SARS-CoV-2 May Bind and Activate TLR4 to Increase ACE2 Expression, Facilitating Entry and Causing Hyperinflammation. 2021 , 2021, 8874339	72
1399	Predictive Risk Analysis by Using Machine Learning During COVID-19. 2021 , 281-306	
1398	Targeting Neurological Manifestations of Coronaviruses by Candidate Phytochemicals: A Mechanistic Approach. 2020 , 11, 621099	11
1397	Heg.IA: an intelligent system to support diagnosis of Covid-19 based on blood tests. 1	14
1396	SARS-CoV 2 Infection (Covid-19) and Cardiovascular Disease in Africa: Health Care and Socio-Economic Implications. 2021 , 16, 18	1
1395	Clinical and Angiographic Features in Three COVID-19 Patients with Takotsubo Cardiomyopathy. Case Report. 2021 , 3, 1-6	2
1394	Influence of colchicine prescription in COVID-19-related hospital admissions: a survival analysis. 2021 , 13, 1759720X211002684	4
1393	Therapy with RAS inhibitors during the COVID-19 pandemic. 2021 , 22, 329-334	4
1392	High-degree atrioventricular block in COVID-19 hospitalized patients. 2021 , 23, 451-455	9
1391	Prediction of Patient Management in COVID-19 Using Deep Learning-Based Fully Automated Extraction of Cardiothoracic CT Metrics and Laboratory Findings. 2021 , 22, 994-1004	5
1390	Cardiac Manifestations of Multisystem Inflammatory Syndrome in Children (MIS-C) Associated with SARS-CoV-2 Infection. 2021 , In Press,	1
1389	Position Statement on Post-COVID-19 Cardiovascular Preparticipation Screening: Guidance for Returning to Physical Exercise and Sports - 2020. 2021 , 116, 1213-1226	1
1388	A Blockchain-Based COVID-19 Protection Framework. 2021 , 111-121	
1387	Impact of Cardiovascular Risk Factors and Cardiovascular Diseases on Outcomes in Patients Hospitalized with COVID-19 in Daegu Metropolitan City. 2021 , 36, e15	7
1386	The Biopsychosocial Impact of COVID-19 on Older Adults. 2021 , 7, 23337214211034274	1

1385	Left ventricular longitudinal strain alterations in asymptomatic or mildly symptomatic paediatric patients with SARS-CoV-2 infection. 2021,	2
1384	ESC guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 2-care pathways, treatment, and follow-up. 2021,	28
1383	ACE2/Ang-(1-7)/Mas1 axis and the vascular system: vasoprotection to COVID-19-associated vascular disease. 2021, 135, 387-407	13
1382	Introduction on Coronavirus Disease (COVID-19) Pandemic: The Global Challenge. 2021, 1318, 1-22	0
1381	Biventricular Longitudinal Strain Predict Mortality in COVID-19 Patients. 2020, 7, 632434	8
1380	Employing a systematic approach to biobanking and analyzing clinical and genetic data for advancing COVID-19 research. 2021, 29, 745-759	20
1379	Renin-angiotensin system blocker and outcomes of COVID-19: a systematic review and meta-analysis. 2021, 76, 479-486	4
1378	COVID-19 en pacientes en hemodiálisis crónica. Experiencia clínica y resultados en la Ciudad de México. 2021, 19, 221-228	
1377	Imaging data in COVID-19 patients: focused on echocardiographic findings. 2021, 37, 1629-1636	6
1376	A novel approach to predict COVID-19 using support vector machine. 2021, 351-364	11
1375	Survival Factors and Metabolic Pathogenesis in Elderly Patients (85) With COVID-19: A Multi-Center Study. 2020, 7, 595503	6
1374	COVID-HEART: Development and Validation of a Multi-Variable Model for Real-Time Prediction of Cardiovascular Complications in Hospitalized Patients with COVID-19.	1
1373	Single-Cell Transcriptome Analysis Decipher New Potential Regulation Mechanism of ACE2 and NPs Signaling Among Heart Failure Patients Infected With SARS-CoV-2. 2021, 8, 628885	7
1372	Differences Between Pediatric Acute Myocarditis Related and Unrelated to SARS-CoV-2. 2021, 40, e173-e178	7
1371	Cardiovascular risk factors and COVID-19 outcomes in hospitalised patients: a prospective cohort study. 2021, 11, e045482	12
1370	-From One Tissue to Many Cells: A Review of Single-Cell Transcriptomics in Cardiovascular Biology. 2021, 22,	1
1369	The SADDEN DEATH Study: Results from a Pilot Study in Non-ICU COVID-19 Spanish Patients. 2021, 10,	0
1368	Genetic variants are identified to increase risk of COVID-19 related mortality from UK Biobank data. 2021, 15, 10	42

1367	No association between use of angiotensin-converting enzyme inhibitors or angiotensin II receptor blockers prior to hospital admission and clinical course of COVID-19 in the COvid MEDicaTion (COMET) study. 2021 , 87, 3301-3309	3
1366	Pharmacotherapy Management for COVID-19 and Cardiac Safety: A Data Mining Approach for Pharmacovigilance Evidence from the FDA Adverse Event Reporting System (FAERS). 2021 , 8, 131-140	4
1365	COVID-19 pandemic era: is it time to promote home dialysis and peritoneal dialysis?. 2021 , 14, i6-i13	3
1364	Microvascular Angiopathic Consequences of COVID-19. 2021 , 8, 636843	8
1363	Alzheimer's-like remodeling of neuronal ryanodine receptor in COVID-19. 2021 ,	2
1362	Data science in unveiling COVID-19 pathogenesis and diagnosis: evolutionary origin to drug repurposing. 2021 , 22, 855-872	11
1361	WIN 55,212-2 shows anti-inflammatory and survival properties in human iPSC-derived cardiomyocytes infected with SARS-CoV-2.	
1360	The Era of the Coronavirus Disease 2019 Pandemic: A Review on Dynamics, Clinical Symptoms and Complications, Diagnosis, and Treatment. 2021 , 25, 85-101	4
1359	Right Ventricular Damage in COVID-19: Association Between Myocardial Injury and COVID-19. 2021 , 8, 606318	13
1358	Cardiovascular sequelae in uncomplicated COVID-19 survivors. 2021 , 16, e0246732	24
1357	The triumvirate: why hypertension, obesity, and diabetes are risk factors for adverse effects in patients with COVID-19. 2021 , 58, 831-843	19
1356	Role of advanced imaging in COVID-19 cardiovascular complications. 2021 , 12, 28	7
1355	The impact of outdoor air pollution on COVID-19: a review of evidence from , animal, and human studies. 2021 , 30,	62
1354	Transitions in the cryptocurrency market during the COVID-19 pandemic: A network analysis. 2021 , 43, 101981	19
1353	COVID-19 and cardiovascular problems in elderly patients: Food for thought. 2021 , 4, 146	3
1352	COVID-19: Molecular and Cellular Response. 2021 , 11, 563085	10
1351	A single-cell and spatial atlas of autopsy tissues reveals pathology and cellular targets of SARS-CoV-2. 2021 ,	15
1350	Anticoagulation Before Hospitalization Is a Potential Protective Factor for COVID-19: Insight From a French Multicenter Cohort Study. 2021 , 10, e018624	29

1349	Practical recommendations for the management of patients with gastroenteropancreatic and thoracic (carcinoid) neuroendocrine neoplasms in the COVID-19 era. 2021 , 144, 200-214	4
1348	Increased placental expression of angiotensin-converting enzyme 2, the receptor of SARS-CoV-2, associated with hypoxia in twin anemia-polycythemia sequence (TAPS). 2021 , 105, 7-13	3
1347	COVID-19 Cardiac Complication- Myocarditis. 2021 , 1, 1-5	
1346	The Prognostic Value of Myocardial Injury in COVID-19 Patients and Associated Characteristics. 2021 ,	
1345	Contemporary use of cardiac imaging for COVID-19 patients: a three center experience defining a potential role for cardiac MRI. 2021 , 37, 1721-1733	3
1344	Platelet Lysate Nebulization Protocol for the Treatment of COVID-19 and Its Sequels: Proof of Concept and Scientific Rationale. 2021 , 22,	3
1343	From Diagnosis to Treatment: Recent Advances in Patient-Friendly Biosensors and Implantable Devices. 2021 , 15, 1960-2004	51
1342	All-cause mortality and location of death in patients with established cardiovascular disease before, during, and after the COVID-19 lockdown: a Danish Nationwide Cohort Study. 2021 , 42, 1516-1523	18
1341	Efficacy of Serum Angiotensin II Levels in Prognosis of Patients With Coronavirus Disease 2019. 2021 , 49, e613-e623	13
1340	How Do Inflammatory Mediators, Immune Response and Air Pollution Contribute to COVID-19 Disease Severity? A Lesson to Learn. 2021 , 11,	4
1339	The Relevance of a Physical Active Lifestyle and Physical Fitness on Immune Defense: Mitigating Disease Burden, With Focus on COVID-19 Consequences. 2021 , 12, 587146	28
1338	Innate Immune Cells and Hypertension: Neutrophils and Neutrophil Extracellular Traps (NETs). 2021 , 11, 1575-1589	3
1337	Notable Developments for Vitamin D Amid the COVID-19 Pandemic, but Caution Warranted Overall: A Narrative Review. 2021 , 13,	9
1336	Molecular recognition in the infection, replication, and transmission of COVID-19-causing SARS-CoV-2: an emerging interface of infectious disease, biological chemistry, and nanoscience. 2021 , 13,	9
1335	Association of coagulation dysfunction with cardiac injury among hospitalized patients with COVID-19. 2021 , 11, 4432	3
1334	Effects of Chloroquine and Hydroxychloroquine on the Cardiovascular System - Limitations for Use in the Treatment of COVID-19. 2021 ,	1
1333	COVID-19 cardiac injury and the use of colchicine. 2021 , 14,	1
1332	Mutant strains of SARS-CoV-2 are more prone to infect obese patient: a review. 2021 , 133, 383-392	2

1331	Noncontact Sensing of Contagion. 2021 , 7,	5
1330	Renin-angiotensin system modulators and other risk factors in COVID-19 patients with hypertension: a Korean perspective. 2021 , 21, 175	3
1329	Angiotensin-Converting-Enzyme 2 and Renin-Angiotensin System Inhibitors in COVID-19: An Update. 2021 , 28, 129-139	11
1328	Functional Variants in Human ACE2 Can Decrease its Protein Stability and May Influence the Binding with SARS-CoV-2. 2021 , 1828, 012180	
1327	Potential Efficacy of Nutrient Supplements for Treatment or Prevention of COVID-19. 2021 , 1-29	2
1326	Understanding Viral Infection Mechanisms and Patient Symptoms for the Development of COVID-19 Therapeutics. 2021 , 22,	5
1325	Mitigating the Risk of COVID-19 Deaths in Cardiovascular Disease Patients in Africa Resource Poor Communities. 2021 , 8, 626115	
1324	Molecular features similarities between SARS-CoV-2, SARS, MERS and key human genes could favour the viral infections and trigger collateral effects. 2021 , 11, 4108	7
1323	Management of COVID-19 in cancer patients receiving cardiotoxic anti-cancer therapy. Future recommendations for cardio-oncology. 2021 , 15, 510	1
1322	SARS-CoV-2 existence in sewage and wastewater: A global public health concern?. 2021 , 280, 111825	20
1321	Derailed Cardiac Surgical Practice during COVID-19 Pandemic: Concerns and Proposed Solution Strategy. 2021 , 5, 142-146	
1320	Screening and evaluation of anti-SARS-CoV-2 components from Ephedra sinica by ACE2/CMC-HPLC-IT-TOF-MS approach. 2021 , 413, 2995-3004	11
1319	Factors affecting the recovery of Kurdistan province COVID-19 patients: a cross-sectional study from March to June 2020. 2021 , 10,	0
1318	Anosmia in the first coronavirus disease 2019 outbreak in Europe: functional recovery after eight months. 2021 , 135, 224-228	5
1317	Identification of dominant risk factor involved in spread of COVID-19 using hesitant fuzzy MCDM methodology. 2021 , 21, 103811	30
1316	Arterial function should be focused in the follow-up treatment of COVID-19 mild patients. 2021 , 021-022	
1315	Missense Variants in Human ACE2 May Influence its Binding Interaction with SARS-CoV-2 and Infectivity of COVID-19. 2021 , 1828, 012179	
1314	Neurological symptoms of COVID-19. 2021 , 36, 285-296	

1313	The assessment of high sensitivity cardiac troponin in patients with COVID-19: A multicenter study. 2021 , 32, 100715	5
1312	A Journey From SARS-CoV-2 to COVID-19 and Beyond: A Comprehensive Insight of Epidemiology, Diagnosis, Pathogenesis, and Overview of the Progress into Its Therapeutic Management. 2021 , 12, 576448	5
1311	Thyroid cancer and COVID-19: experience at one single thyroid disease referral center. 2021 , 72, 332-339	5
1310	Effect of a virtual self-management intervention for atrial fibrillation during the outbreak of COVID-19. 2021 , 44, 451-461	5
1309	Repurposing of renin inhibitors as SARS-COV-2 main protease inhibitors: A computational study. 2021 , 554, 48-54	4
1308	and Models to Study SARS-CoV-2 Infection: Integrating Experimental and Computational Tools to Mimic "COVID-19 Cardiomyocyte". 2021 , 12, 624185	4
1307	County-level longitudinal clustering of COVID-19 mortality to incidence ratio in the United States. 2021 , 11, 3088	15
1306	COVID-19 Pandemic: Advances in Diagnosis, Treatment, Organoid Applications and Impacts on Cancer Patient Management. 2021 , 8, 606755	2
1305	An Integrative in silico Drug Repurposing Approach for Identification of Potential Inhibitors of SARS-CoV-2 Main Protease. 2021 , 40, e2000187	5
1304	Phodopus roborovskii SH101 as a systemic infection model of SARS-CoV-2.	
1303	Epidemiological and Clinical Characteristics of 217 Cases of COVID-19 in Jiangsu Province, China. 2021 , 27, e930853	1
1302	Angiotensin-Converting Enzyme Type 2 as a Molecular Mediator for Infection of Cells with SARS-CoV and SARS-CoV-2 Viruses. 2021 , 51, 381-389	1
1301	How Does COVID-19 Affect the Neurobiology of Suicide?. 2021 , 23, 16	7
1300	Pulmonary, cardiac and renal distribution of ACE2, furin, TMPRSS2 and ADAM17 in rats with heart failure: Potential implication for COVID-19 disease. 2021 , 25, 3840-3855	9
1299	State-of-the-Art of Nanodiagnosics and Nanotherapeutics against SARS-CoV-2. 2021 , 13, 14816-14843	13
1298	COVID-19 and myocarditis: a systematic review and overview of current challenges. 2021 , 1	28
1297	Next-Generation Sequencing Reveals the Progression of COVID-19. 2021 , 11, 632490	10
1296	Current Understanding of Novel Coronavirus: Molecular Pathogenesis, Diagnosis, and Treatment Approaches. 2021 , 1, 30-66	11

1295	Fatality and risk features for prognosis in COVID-19 according to the care approach - a retrospective cohort study. 2021 , 16, e0248869	3
1294	The miRNA: a small but powerful RNA for COVID-19. 2021 , 22, 1137-1149	40
1293	Impact of Cardiovascular Diseases on COVID-19: A Systematic Review. 2021 , 27, e930032	2
1292	COVID-19 and cardiovascular complications: an update from the underlying mechanism to consequences and possible clinical intervention. 2021 , 19, 1083-1092	4
1291	Revascularisation strategies in patients with significant left main coronary disease during the COVID-19 pandemic. 2021 , 98, 1252-1261	2
1290	Echocardiographic Characteristics and Outcome in Patients With COVID-19 Infection and Underlying Cardiovascular Disease. 2021 , 8, 642973	5
1289	Upregulated IL-6 Indicates a Poor COVID-19 Prognosis: A Call for Tocilizumab and Convalescent Plasma Treatment. 2021 , 12, 598799	13
1288	COVID-19: Role of Nutrition and Supplementation. 2021 , 13,	24
1287	Influence of Baseline Physical Activity as a Modifying Factor on COVID-19 Mortality: A Single-Center, Retrospective Study. 2021 , 10, 801-814	19
1286	Abnormal upregulation of cardiovascular disease biomarker PLA2G7 induced by proinflammatory macrophages in COVID-19 patients. 2021 , 11, 6811	8
1285	Relating human physiology content to COVID-19: a strategy to keep students in touch with physiology in times of social distance due to pandemic. 2021 , 45, 129-133	4
1284	How the Heart Was Involved in COVID-19 during the First Pandemic Phase: A Review. 2021 , 2, 124-139	0
1283	The struggle of a good friend getting old: cellular senescence in viral responses and therapy. 2021 , 22, e52243	15
1282	Characteristics and outcomes of patients hospitalized for COVID-19 in France: The Critical COVID-19 France (CCF) study. 2021 , 114, 352-363	6
1281	Acute Coronary Syndrome and Arrhythmia Induced by SARS-CoV-2 Infection in a Patient with Non-Significant LAD Lesion. A Case Report. 2021 , 6, 43-47	
1280	Immunization Status and Challenges During COVID-19 and Associated Factors Among Children Aged 10-23 Months in South Region, Ethiopia 2020. 2021 , 12, 101-109	2
1279	Exercise Training and Cardiac Rehabilitation in COVID-19 Patients with Cardiovascular Complications: State of Art. 2021 , 11,	7
1278	Cardiac surgery outcome during the COVID-19 pandemic: a retrospective review of the early experience in nine UK centres. 2021 , 16, 43	14

1277	D-dimer at hospital admission for COVID-19 are associated with in-hospital mortality, independent of venous thromboembolism: Insights from a French multicenter cohort study. 2021 , 114, 381-393	13
1276	Cardiovascular Injury Due to SARS-CoV-2. 2021 , 8, 1-11	5
1275	Clinical Impact and Predictors of Troponin Elevation in Patients With COVID-19. 2021 , 33, 41-44	1
1274	SARS-CoV-2 as an inflammatory cardiovascular disease: current knowledge and future challenges. 2021 , 17, 1277-1291	1
1273	Stress Cardiomyopathy/Takotsubo Syndrome and COVID-19: An Important Link to Understand. 2021 , 2, 124-125	
1272	Calcium sensing receptor hyperactivation through viral envelop protein E of SARS CoV2: A novel target for cardio-renal damage in COVID-19 infection. 2021 , 82, 784-788	1
1271	Multi-Organ System Dysfunction in Covid-19 [A Review]. 2021 , 10, 632-637	
1270	An Overview of a Year with COVID-19: What We Know?. 2021 , 18, em286	2
1269	A case report of greater saphenous vein thrombosis in a patient with coronavirus (COVID-19) infection. 2021 , 7, 6	3
1268	Non-steroidal anti-inflammatory agent use may not be associated with mortality of coronavirus disease 19. 2021 , 11, 5087	7
1267	Alterations of Left Ventricular Function Persisting during Post-Acute COVID-19 in Subjects without Previously Diagnosed Cardiovascular Pathology. 2021 , 11,	6
1266	Cancer vs. SARS-CoV-2 induced inflammation, overlapping functions, and pharmacological targeting. 2021 , 29, 343-366	6
1265	Prevalence of Symptoms in Patients Discharged from COVID Care Facility of NIMS Hospital: Is RT PCR Negativity Truly Reflecting Recovery? A Single-Centre Observational Study. 2021 , 14, 1069-1078	6
1264	Common pitfalls and recommendations for using machine learning to detect and prognosticate for COVID-19 using chest radiographs and CT scans. 2021 , 3, 199-217	200
1263	Trace Minerals, Vitamins and Nutraceuticals in Prevention and Treatment of COVID-19. 2021 , 1-35	3
1262	Diabetes mellitus in combination with COVID-19: modern views on therapy. 2021 , 8-20	
1261	Pulmonary Rehabilitation in COVID-19: The Contribution of other Chronic Lung Syndromes for the Intervention of a Novel Disease. 2021 , 16, 207-212	
1260	Early cases of acute infectious respiratory syndrome treated with photobiomodulation, diagnosis and intervention: Two case reports. 2021 , 9, 2429-2437	3

1259	Update on association between exposure to renin-angiotensin-aldosterone system inhibitors and coronavirus disease 2019 in South Korea. 2021 , 36, S114-S122	7
1258	The relationship between cardiac injury, inflammation and coagulation in predicting COVID-19 outcome. 2021 , 11, 6515	7
1257	Effect of renin-angiotensin-aldosterone system inhibitors on Covid-19 patients in Korea. 2021 , 16, e0248058	3
1256	Essential roles of the dystrophin-glycoprotein complex in different cardiac pathologies. 2021 , 66, 52-71	1
1255	Evaluation of myocardial injury patterns and ST changes among critical and non-critical patients with coronavirus-19 disease. 2021 , 11, 4828	10
1254	Systemic Perturbations in Amine and Kynurenine Metabolism Associated with Acute SARS-CoV-2 Infection and Inflammatory Cytokine Responses. 2021 , 20, 2796-2811	30
1253	Higher albumin levels on admission predict better prognosis in patients with confirmed COVID-19. 2021 , 16, e0248358	22
1252	Severe Acute Respiratory Syndrome-Associated Coronavirus 2 Infection and Organ Dysfunction in the ICU: Opportunities for Translational Research. 2021 , 3, e0374	12
1251	Worldwide Survey of COVID-19-Associated Arrhythmias. 2021 , 14, e009458	54
1250	COVID 19 infection in young patient with pectus excavatum. 2021 , 78, 52-56	
1249	Bidirectional link between diabetes mellitus and coronavirus disease 2019 leading to cardiovascular disease: A narrative review. 2021 , 12, 215-237	13
1248	A meta-meta-analysis: Evaluation of meta-analyses published in the effectiveness of cardiovascular comorbidities on the severity of COVID-19. 2021 , 22, 100323	8
1247	SEG-COVID: A Student Electronic Guide within Covid-19 Pandemic. 2021 ,	0
1246	Chagas disease and SARS-CoV-2 coinfection does not lead to worse in-hospital outcomes: results from the Brazilian COVID-19 Registry.	1
1245	Effects of renin-angiotensin system blockers on the risk and outcomes of severe acute respiratory syndrome coronavirus 2 infection in patients with hypertension. 2021 , 36, S123-S131	4
1244	Nanobiotechnology as a platform for the diagnosis of COVID-19: a review. 2021 , 6, 1	15
1243	Nervous System Involvement in COVID-19: a Review of the Current Knowledge. 2021 , 58, 3561-3574	7
1242	A Review of Venous Thromboembolism Phenomena in COVID-19 Patients. 2021 , 46, 100692	9

1241 Some Remarks on the Coronavirus Pandemic in Europe. **2021**, 109-133

1240 COVID-19 and Coronary Heart Disease. **2021**, 1, 340-349

0

1239 Phytochemicals as Potential Therapeutics for SARS-CoV-2-Induced Cardiovascular Complications: Thrombosis and Platelet Perspective. **2021**, 12, 658273

0

1238 Exploration of prognostic factors for critical COVID-19 patients using a nomogram model. **2021**, 11, 8192

2

1237 Perspective: Wearable Internet of Medical Things for Remote Tracking of Symptoms, Prediction of Health Anomalies, Implementation of Preventative Measures, and Control of Virus Spread During the Era of COVID-19. **2021**, 8, 610653

1

1236 Cardiorenal syndrome in COVID-19. **2021**, 14,

1

1235 Human Pluripotent Stem Cell-Derived Cardiac Cells: Application in Disease Modeling, Cell Therapy, and Drug Discovery. **2021**, 9, 655161

1

1234 Getting to the Heart of the Matter: Myocardial Injury, Coagulopathy, and Other Potential Cardiovascular Implications of COVID-19. **2021**, 2021, 6693895

4

1233 Chloroquine Analogs: An Overview of Natural and Synthetic Quinolines as Broad Spectrum Antiviral Agents. **2021**, 27, 1185-1193

2

1232 Heart damage and the role of ultrasonic research in the COVID-19 pandemic. **2021**, 36, 38-48

3

1231 Cardiovascular Outcomes in the Acute Phase of COVID-19. **2021**, 22,

4

1230 Pulmonary Embolism and Cardiac Tamponade in Critical Care Patients with COVID-19; Telemedicine's Role in Developing Countries: Case Reports and Literature Review. **2021**, 11, e113752

5

1229 Admission High-Sensitive Cardiac Troponin T Level Increase Is Independently Associated with Higher Mortality in Critically Ill Patients with COVID-19: A Multicenter Study. **2021**, 10,

7

1228 Inflammasome Activation-Induced Hypercoagulopathy: Impact on Cardiovascular Dysfunction Triggered in COVID-19 Patients. **2021**, 10,

11

1227 Characterization of the SARS-CoV-2 E Protein: Sequence, Structure, Viroporin, and Inhibitors. **2021**, 30, 1114-1130

19

1226 Medical Image Processing and Deep Learning to Diagnose COVID-19 with CT Images. **2021**,

1

1225 HUMAN-NATURE INTERACTIONS THROUGH THE LENS OF GLOBAL PANDEMICS: A REVIEW. **2021**, 15-24

2

1224 Place and Underlying Cause of Death During the COVID-19 Pandemic: Retrospective Cohort Study of 3.5 Million Deaths in England and Wales, 2014 to 2020. **2021**, 96, 952-963

22

1223	Myocardial lesion in patients with COVID-19: Not all is in the lung. 2021 , 16, 303-304	0
1222	Anti-cancer Therapy Leads to Increased Cardiovascular Susceptibility to COVID-19. 2021 , 8, 634291	3
1221	Void containing AlN layer grown on AlN nanorods fabricated by polarity selective epitaxy and etching method. 2021 , 11, 045036	2
1220	Do Certain Biomarkers Predict Adverse Outcomes in Coronavirus Disease 2019?. 2021 , 13, 195-203	0
1219	STREPTOCOCCUS, 88-	
1218	Physical Activity and Natural Products and Minerals in the SARS-CoV-2 Pandemic: An Update.. 2021 , 9,	0
1217	Machine learning based on clinical characteristics and chest CT quantitative measurements for prediction of adverse clinical outcomes in hospitalized patients with COVID-19. 2021 , 31, 7925-7935	3
1216	Long-Term Complications of Coronavirus Disease 2019; What the Oral Surgeon Needs To Know. 2021 , 32, e652-e655	3
1215	Comparison of Characteristics and Outcomes of Patients With Acute Myocardial Infarction With Versus Without Coronarvirus-19. 2021 , 144, 8-12	12
1214	A Modified Two-Dimension EEMD Method for Breathing and Heart Rates Monitoring via Through-Wall IR-UWB Radar. 2021 ,	1
1213	Repurposing Chloroquine Against Multiple Diseases With Special Attention to SARS-CoV-2 and Associated Toxicity. 2021 , 12, 576093	10
1212	The Role of Renin-Angiotensin-Aldosterone System in the Heart and Lung: Focus on COVID-19. 2021 , 12, 667254	19
1211	SIAAA-C: A student interactive assistant android application with chatbot during COVID-19 pandemic.	1
1210	Paeoniflorin and Hydroxysafflor Yellow A in Xuebijing Injection Attenuate Sepsis-Induced Cardiac Dysfunction and Inhibit Proinflammatory Cytokine Production. 2020 , 11, 614024	9
1209	Intermittent Hypoxic Preconditioning: A Potential New Powerful Strategy for COVID-19 Rehabilitation. 2021 , 12, 643619	2
1208	Evaluation the relationship of left ventricular global longitudinal strain and laboratory parameters in discharged patients with COVID-19: a follow-up study. 2021 , 37, 2451-2464	2
1207	A meta-analysis on the role of pre-existing chronic disease in the cardiac complications of SARS-CoV-2 infection. 2021 , 24, 102264	3
1206	Facing coronavirus disease 2019: What do we know so far? (Review). 2021 , 21, 658	6

1205	In-depth analysis of laboratory parameters reveals the interplay between sex, age, and systemic inflammation in individuals with COVID-19. 2021 , 105, 579-587	7
1204	Lifestyle and rehabilitation during the COVID-19 pandemic: guidance for health professionals and support for exercise and rehabilitation programs. 2021 , 19, 1385-1396	2
1203	Computational Model on COVID-19 Pandemic Using Probabilistic Cellular Automata. 2021 , 2, 230	7
1202	Motor demyelinating tibial neuropathy in COVID-19. 2021 , 120, 2032-2036	0
1201	A prospective study on the relationship between COVID-19 disease progress and cardiovascular damage. 2021 , 5, 322-326	1
1200	Cardiovascular manifestations in COVID-19 patients: A systematic review and meta-analysis. 2021 , 13, 181-189	3
1199	Systemic inflammation may induce cardiac injury in COVID-19 patients including children and adolescents without underlying cardiovascular diseases: A systematic review. 2021 , 35, 169-169	6
1198	The Interplay Between the Immune System, the Renin-Angiotensin-Aldosterone System (RAAS), and RAAS Inhibitors May Modulate the Outcome of COVID-19: A Systematic Review. 2021 , 61, 987-1000	6
1197	Cardiovascular Risk Assessment after COVID-19 Infection before Resuming Sports Activities - Practical Flowchart and Meta-Analysis. 2021 ,	
1196	Major determinants of death in patients hospitalized with COVID-19 during the first epidemic wave in Madrid, Spain. 2021 , 100, e25634	6
1195	Dissecting lipid metabolism alterations in SARS-CoV-2. 2021 , 82, 101092	27
1194	Severity of COVID-19 and Treatment Strategy for Patient With Diabetes. 2021 , 12, 602735	5
1193	A Mini-Review on Cardiovascular and Hematological Complications of COVID-19. 2021 , 2, 204-208	
1192	Effects of angiotensin II receptor blocker usage on viral load, antibody dynamics, and transcriptional characteristics among COVID-19 patients with hypertension. 2021 , 22, 330-340	2
1191	Health, Psychosocial, and Social Issues Emanating From the COVID-19 Pandemic Based on Social Media Comments: Text Mining and Thematic Analysis Approach. 2021 , 9, e22734	12
1190	Review: SARS-CoV-2, Cardiovascular Disease, Pathophysiology and Role of ACE2 in Cardiac Injury. 1-20	
1189	. 2021 ,	
1188	Association of ACE inhibitors and angiotensin type II blockers with ACE2 overexpression in COVID-19 comorbidities: A pathway-based analytical study. 2021 , 896, 173899	11

1187 USE AND MANAGEMENT OF PERSONAL PROTECTIVE EQUIPMENT IN PANDEMIES.

1186	Meta-analysis of cardiac markers for predictive factors on severity and mortality of COVID-19. 2021 , 105, 551-559	8
1185	Covid-19, Hypertension And Important Three Topics in Nursing Care: Physical Exercise, Adequate-Balanced Nutrition, Sleep. 2021 , 12,	
1184	Underlying heart diseases and acute COVID-19 outcomes. 2021 , 28, 202-214	9
1183	Present cum future of SARS-CoV-2 virus and its associated control of virus-laden air pollutants leading to potential environmental threat - A global review. 2021 , 9, 104973	9
1182	Type 2 diabetes mellitus impaired nasal immunity and increased the risk of hyposmia in COVID-19 mild pneumonia patients. 2021 , 93, 107406	5
1181	Genetics Insight for COVID-19 Susceptibility and Severity: A Review. 2021 , 12, 622176	34
1180	Informing the public health response to COVID-19: a systematic review of risk factors for disease, severity, and mortality. 2021 , 21, 342	11
1179	Immunology, immunopathogenesis and immunotherapeutics of COVID-19; an overview. 2021 , 93, 107364	25
1178	Ultramicronized Palmitoylethanolamide (um-PEA): A New Possible Adjuvant Treatment in COVID-19 patients. 2021 , 14,	10
1177	Neuropathies and neurological dysfunction induced by coronaviruses. 2021 , 27, 380-396	4
1176	Investigating the relationship between serum ACE 2 level and COVID-19 patients prognosis: a cross-sectional study.	0
1175	Human cell receptors: potential drug targets to combat COVID-19. 2021 , 53, 813-842	6
1174	Invasive Therapies for Acute Coronary Syndromes in the COVID-19 Era. 2021 , 23, 69	
1173	Public Concern for the Use of Backyard to Maintain the Environment and Food Security of the COVID-19 Pandemic in the City of Padang. 2021 , 757, 012015	
1172	Extensive Coronary Thrombosis as a Sequelae of COVID-19 Presenting as a STEMI. 2021 , 13, e15258	0
1171	Molecular Docking and Virtual Screening Based Prediction of Drugs for COVID-19. 2021 , 24, 716-728	22
1170	Settling down without settling: Perceived changes in partner preferences in response to COVID-19. 2021 , 38, 1901-1919	6

1169	Multi-omics data integration and network-based analysis drives a multiplex drug repurposing approach to a shortlist of candidate drugs against COVID-19. 2021 , 22,	5
1168	The Notch Pathway: A Link Between COVID-19 Pathophysiology and Its Cardiovascular Complications. 2021 , 8, 681948	4
1167	Nanobased Platforms for Diagnosis and Treatment of COVID-19: From Benchtop to Bedside. 2021 , 7, 2150-2176	13
1166	Uncurtaining the effect of COVID-19 in diabetes mellitus: a complex clinical management approach. 2021 , 28, 35429-35436	2
1165	Spatio-temporal analysis of COVID-19 incidence rate using GIS: a case study-Tehran metropolitan, Iran. 2021 , 1-15	4
1164	Clinical Spectrum, Geographical Variability of COVID-19, and its Implications. 2021 , 2,	
1163	Using Slow-Paced Breathing to Foster Endurance, Well-Being, and Sleep Quality in Athletes During the COVID-19 Pandemic. 2021 , 12, 624655	2
1162	Previous and First Detected Cardiovascular Diseases in Patients with New Coronavirus Pneumonia: Possible Mechanisms and Place in a Unified Prognostic Model. 2021 , 182, 765-774	
1161	Dysbiosis and structural disruption of the respiratory microbiota in COVID-19 patients with severe and fatal outcomes.	
1160	Ratiometric Semiconducting Polymer Nanoparticle for Reliable Photoacoustic Imaging of Pneumonia-Induced Vulnerable Atherosclerotic Plaque in Vivo. 2021 , 21, 4484-4493	16
1159	Coronavirus disease vaccination in heart failure: No time to waste. 2021 , 114, 434-438	2
1158	Spotlight on Cardiovascular Scoring Systems in Covid-19: Severity Correlations in Real-world Setting. 2021 , 46, 100819	6
1157	MANAGEMENT OF PATIENTS WITH HEART FAILURE AND COVID-19. 2021 , 38-48	
1156	Early mobilization and physical exercise in patients with COVID-19: A narrative literature review. 2021 , 43, 101364	7
1155	The direct evidence and mechanism of traditional Chinese medicine treatment of COVID-19. 2021 , 137, 111267	22
1154	Bioinformatics and system biology approaches to identify the disease and comorbidities complexities of SARS-CoV-2 infection with the digestive tract disorders. 2021 , 22,	7
1153	Mid-term effects of SARS-CoV-2 infection on cardiovascular outcomes. 2021 , 158, 41-41	0
1152	A Review on Wearable and Contactless Sensing for COVID-19 With Policy Challenges. 2021 , 2,	6

1151	COVID-19 combined with liver injury: Current challenges and management. 2021 , 9, 3487-3497	0
1150	Effect of Biomedical Materials in the Implementation of a Long and Healthy Life Policy. 2021 , 9, 865	9
1149	UPDATE ON CARDIOVASCULAR IMPLICATIONS OF COVID 19. 2021 , 238-242	
1148	[Cardiac Involvement in COVID-19]. 2021 , 61, 15-23	3
1147	Profiling COVID-19 Genetic Research: A Data-Driven Study Utilizing Intelligent Bibliometrics. 2021 , 6, 683212	4
1146	COVID-19 TEDAVSİNDE İLAÇLARIN FARMAKOKİNETİK AĞIRLIĞI VE DEĞERLENDİRİLMESİ 19-19	
1145	Anti-SARS-CoV-2 Natural Products as Potentially Therapeutic Agents. 2021 , 12, 590509	9
1144	Non-Contact Monitoring and Classification of Breathing Pattern for the Supervision of People Infected by COVID-19. 2021 , 21,	8
1143	Antiviral and Anti-Inflammatory Treatment with Multifunctional Alveolar Macrophage-Like Nanoparticles in a Surrogate Mouse Model of COVID-19. 2021 , 8, 2003556	4
1142	Management of patients with digestive diseases during the COVID-19 pandemic. Clinical Practice Guidelines by the Russian scientific medical society of internal medicine (RSMSIM) and the Gastroenterological Scientific Society of Russia (2nd edition). 2021 , 5-82	5
1141	Successful heart transplantation for COVID-19-associated post-infectious fulminant myocarditis. 2021 , 8, 2625-2630	6
1140	Prognostic value of right ventricular dilatation in patients with COVID-19: a multicentre study. 2021 ,	7
1139	COVID-19 and Acute Myocardial Injury and Infarction: Related Mechanisms and Emerging Challenges. 2021 , 26, 399-414	5
1138	The assessment of patients undergoing cardiac surgery for Covid-19: Complications occurring during cardiopulmonary bypass. 2021 , 2676591211018983	1
1137	Using remote consultation to enhance diagnostic accuracy of bedside transthoracic echocardiography during COVID-19 pandemic. 2021 , 38, 1245-1253	0
1136	The Chronicle of COVID-19 and Possible Strategies to Curb the Pandemic. 2021 , 28, 2852-2886	9
1135	Positron emission tomography in the COVID-19 pandemic era. 2021 , 48, 3903-3917	2
1134	Cardiovascular injuries during COVID-19 infection: A PROCESS-compliant case series from the Eastern Morocco. 2021 , 65, 102309	4

1133	Safety measures for COVID-19 do not compromise the outcomes of patients undergoing primary percutaneous coronary intervention: a single center retrospective study. 2021 , 11, 9959	1
1132	Acute Kidney Injury and Advanced Kidney Disease in the COVID-19 Pandemic: Proceedings From a National Kidney Foundation Symposium. 2021 , 3, 426-432	1
1131	Treatment of COVID-19 by stage: any space left for mesenchymal stem cell therapy?. 2021 , 16, 477-494	1
1130	Use of Renin-Angiotensin-Aldosterone System Inhibitors and Severe COVID-19 Outcomes in Patients with Hypertension: A Nationwide Cohort Study. 2021 , 45, 430-438	1
1129	Renin-angiotensin system inhibitor use and the risk of mortality in hospitalized patients with COVID-19: a meta-analysis of randomized controlled trials. 2021 , 44, 1042-1045	7
1128	Molecular and Biological Mechanisms Underlying Gender Differences in COVID-19 Severity and Mortality. 2021 , 12, 659339	11
1127	Post-Acute COVID-19 Syndrome and the cardiovascular system: What is known?. 2021 , 5, 100025	14
1126	Human pluripotent stem cell-based organoids and cell platforms for modelling SARS-CoV-2 infection and drug discovery. 2021 , 53, 102207	8
1125	Acute Biventricular Heart Failure After COVID-19 Infection in an Orthotopic Heart Transplant Patient: A Case Report. 2021 , 53, 1224-1226	1
1124	Genetic susceptibility of COVID-19: a systematic review of current evidence. 2021 , 26, 46	27
1123	Bayesian spatiotemporal forecasting and mapping of COVID-19 risk with application to West Java Province, Indonesia. 2021 , 61, 849	4
1122	Volcanic Ash as a Precursor for SARS-CoV-2 Infection Among Susceptible Populations in Ecuador: A Satellite Imaging and Excess Mortality-Based Analysis. 2021 , 1-13	4
1121	Combined Cardiac Risk Factors Predict COVID-19 Related Mortality and the Need for Mechanical Ventilation in Coptic Clergy. 2021 , 10,	1
1120	Immunomodulatory and antioxidant activity from Indonesian anti-degenerative herbs water extract. 2021 ,	1
1119	Micronutrient therapy and effective immune response: a promising approach for management of COVID-19. 2021 , 49, 1133-1147	1
1118	COVID-19 and Cardiomyopathy: A Systematic Review. 2021 , 8, 695206	3
1117	Investigation of Coagulation Biomarkers to Assess Clinical Deterioration in SARS-CoV-2 Infection. 2021 , 8, 670694	8
1116	Neurological manifestations and neuroimaging findings in patients with SARS-CoV2-a systematic review. 2021 , 57, 68	1

1115	Providing Medical Care for Patients with Cardiac Arrhythmias in the Context of the COVID-19 Pandemic. Analysis of the Situation and Personal Experience. 2021 , 72-80	
1114	COVID-19-related cardiac complications from clinical evidences to basic mechanisms: opinion paper of the ESC Working Group on Cellular Biology of the Heart. 2021 , 117, 2148-2160	8
1113	Interleukin-6 Perpetrator of the COVID-19 Cytokine Storm. 2021 , 36, 1-11	7
1112	SARS coronavirus outbreaks past and present-a comparative analysis of SARS-CoV-2 and its predecessors. 2021 , 57, 307-317	4
1111	Comprehensive analysis of RNA-seq and whole genome sequencing data reveals no evidence for SARS-CoV-2 integrating into host genome.	
1110	Deep learning assisted COVID-19 detection using full CT-scans. 2021 , 14, 100377	10
1109	Pericardial Diseases in COVID19: a Contemporary Review. 2021 , 23, 90	15
1108	Angiotensin-(1-7) as a biomarker of childhood obesity: Is there a causal relationship?. 2021 , 44, 1233-1235	0
1107	Natural products and phytochemicals as potential anti-SARS-CoV-2 drugs. 2021 , 35, 5384-5396	16
1106	Firefighters and COVID-19: An Occupational Health Perspective. 2021 , 63, e556-e563	1
1105	Absolute value wireless sensing based on nonlinear harmonic analysis assisted with frequency-hopping spread spectrum. 2021 , 32, 095115	1
1104	The Practicality of Deep Learning Algorithms in COVID-19 Detection: Application to Chest X-ray Images. 2021 , 14, 183	3
1103	The psychological impact of COVID-19 infection on athletes: example of professional male football players.. 2021 , 5, 53-61	4
1102	Association of Circadian Clock and Severe Acute Respiratory Syndrome Coronavirus 2 Infection. 2021 , 3, 60-63	1
1101	SARS-CoV-2 infection in patients with serious mental illness and possible benefits of prophylaxis with Memantine and Amantadine. 2020 , 61, 1007-1022	3
1100	The effect of COVID-19 on the human vascular system. 2021 , 72-79	
1099	Specific Treatment Exists for SARS-CoV-2 ARDS. 2021 , 9,	4
1098	Electrical Storm With Incessant Ventricular Tachycardia in a COVID-19 Patient: Review of Current Evidence. 2021 , 13, e15604	

1097	Effect modification of the association between comorbidities and severe course of COVID-19 disease by age of study participants: a systematic review and meta-analysis. 2021 , 10, 194	7
1096	Impaired Myocardial Function Is Prognostic for Severe Respiratory Failure in the Course of COVID-19 Infection. 2021 , 8, 584108	2
1095	Electrocardiography on admission is associated with poor outcomes in coronavirus disease 2019 (COVID-19) patients: A systematic review and meta-analysis. 2021 , 37, 877-885	4
1094	Baseline Characteristics and Outcomes of 180 Egyptian COVID-19 Patients Admitted to Quarantine Hospitals of Ain Shams University: A Retrospective Comparative Study.	
1093	The Impetus of COVID -19 in Multiple Organ Affliction Apart from Respiratory Infection: Pathogenesis, Diagnostic Measures and Current Treatment Strategy. 2021 , 21, 514-526	5
1092	RETRACTED ARTICLE: The mechanisms of action of Ivermectin against SARS-CoV-2: An evidence-based clinical review article. 2021 ,	16
1091	Covid and Cardiovascular Diseases: Direct and Indirect Damages and Future Perspective. 2021 , 28, 439-445	6
1090	Impact of pre-existing heart failure on 60-day outcomes in patients hospitalized with COVID-19. 2021 , 4, 100022	1
1089	Platelet Activation and Plasma Levels of Furin Are Associated With Prognosis of Patients With Coronary Artery Disease and COVID-19. 2021 , 41, 2080-2096	10
1088	The role of carbohydrate antigen 125 in COVID-19. 2021 , 151, 110590	0
1087	Systems Immunology Analysis Reveals the Contribution of Pulmonary and Extrapulmonary Tissues to the Immunopathogenesis of Severe COVID-19 Patients. 2021 , 12, 595150	7
1086	Hyper-Inflammatory Response Involves in Cardiac Injury Among Patients With Coronavirus Disease 2019. 2021 , 361, 718-724	4
1085	Protecting the Injured Right Ventricle in COVID-19 Acute Respiratory Distress Syndrome: Can Clinicians Personalize Interventions and Reduce Mortality?. 2021 , 35, 3325-3330	0
1084	Rapid protocols to support Covid-19 clinical diagnosis based on hematological parameters.	
1083	Is there any role of intermittent fasting in the prevention and improving clinical outcomes of COVID-19?: intersection between inflammation, mTOR pathway, autophagy and calorie restriction. 2021 , 1-10	5
1082	Point of care ultrasound screening for deep vein thrombosis in critically ill COVID-19 patients, an observational study. 2021 , 19, 38	1
1081	Dapsone, an effective Neuro, and Cytoprotective Drug and More. 2021 ,	1
1080	Progression and Trends in Virus from Influenza A to COVID-19: An Overview of Recent Studies. 2021 , 13,	1

1079	Knowledge, attitude, and practice towards COVID-19 among chronic disease patients at Aksum Hospital, Northern Ethiopia, 2020: a cross-sectional study. 2021 , 7, 8	0
1078	Influence of thromboembolic events in the prognosis of COVID-19 hospitalized patients. Results from a cross sectional study. 2021 , 16, e0252351	2
1077	Molecular mechanism of interaction between SARS-CoV-2 and host cells and interventional therapy. 2021 , 6, 233	60
1076	The Right Ventricle in COVID-19 Lung Injury: Proposed Mechanisms, Management, and Research Gaps. 2021 , 35, 1568-1572	5
1075	Promising effects of atorvastatin on mortality and need for mechanical ventilation in patients with severe COVID-19; a retrospective cohort study. 2021 , 75, e14434	2
1074	Characteristics and Developments in Mesenchymal Stem Cell Therapy for COVID-19: An Update. 2021 , 2021, 5593584	1
1073	Mice with induced pulmonary morbidities display severe lung inflammation and mortality following exposure to SARS-CoV-2. 2021 , 6,	4
1072	Assessment of Autonomic Nervous System Dysfunction in the Early Phase of Infection With SARS-CoV-2 Virus. 2021 , 15, 640835	5
1071	Low incidence of cardiac complications from COVID-19 and its treatment among hospitalised patients in Singapore. 2021 , 50, 490-493	2
1070	The Effect of Attitude to Death on Self-Management in Patients With Type 2 Diabetes Mellitus During the COVID-19 Pandemic. 2021 , 302228211020602	4
1069	Multifaced Roles of HDL in Sepsis and SARS-CoV-2 Infection: Renal Implications. 2021 , 22,	6
1068	Discussion: COVID-19 impact on sports and athletes. 2021 , 51, 390-393	1
1067	New perspectives on angiotensin-converting enzyme 2 and its related diseases. 2021 , 12, 839-854	1
1066	The Prothrombotic State Associated with SARS-CoV-2 Infection: Pathophysiological Aspects. 2021 , 13, e2021045	3
1065	The Impact of the COVID-19 Pandemic on Social, Health, and Economy. 2021 , 13, 6314	16
1064	Taming the Storm in the Heart: Exploring Different Therapeutic Choices Against Myocardial Inflammation in COVID-19.. 2021 , 16, 89-93	0
1063	Angiotensin II Receptor Blockers (ARBs Antihypertensive Agents) Increase Replication of SARS-CoV-2 in Vero E6 Cells. 2021 , 11, 639177	3
1062	COVID-19 Pathophysiology and Clinical Effects on Multiple Organ Systems - A Narrative Review. 2020 , 10, 151-167	

1061	Use of nanotechnology in combating coronavirus. 2021 , 11, 358	0
1060	Geographical Detector-Based Spatial Modeling of the COVID-19 Mortality Rate in the Continental United States. 2021 , 18,	6
1059	SARS-CoV-2 infection and paediatric endocrine disorders: Risks and management considerations. 2021 , 4, e00262	3
1058	COVID-19-Associated Cardiovascular Complications. 2021 , 9,	12
1057	Association of Kidney Disease With Outcomes in COVID-19: Results From the American Heart Association COVID-19 Cardiovascular Disease Registry. 2021 , 10, e020910	7
1056	Impacts of the COVID-19 Pandemic on Cardiac Rehabilitation Delivery around the World. 2021 , 16, 43	14
1055	Retinal OCT Findings in Patients after COVID Infection. 2021 , 10,	6
1054	Electrochemical Biosensor Fabrication for Coronavirus Testing. 2021 , 207-218	
1053	Student Perceptions of Online Learning during the COVID-19 Pandemic in Indonesia: A Study of Phenomenology. 2021 , 10, 1515-1528	8
1052	Predicting critical state after COVID-19 diagnosis: model development using a large US electronic health record dataset. 2021 , 4, 113	5
1051	[Update 2021: COVID-19 from the perspective of cardiology]. 2021 , 146, 911-914	
1050	Chronic intracardiac thrombus, a long-term complication of COVID-19: Case reports. 2021 , 36, 3939-3943	2
1049	A 29-Year-Old Man with COVID-19 Pneumonia, Heart Failure-Reduced Ejection Fraction, and Atrial Fibrillation with a Father and 2 Grandparents Who Were Positive for SARS-CoV-2 Infection. 2021 , 22, e933163	0
1048	IL-10 and IL-12 (P70) Levels Predict the Risk of Covid-19 Progression in Hypertensive Patients: Insights From the BRACE-CORONA Trial. 2021 , 8, 702507	2
1047	Cardiovascular Manifestations of COVID-19. 2021 , 17, e230421187503	3
1046	Inflammatory Response in COVID-19 Patients Resulting from the Interaction of the Inflammasome and SARS-CoV-2. 2021 , 22,	2
1045	A hospital cluster of COVID-19 associated with a SARS-CoV-2 superspreading event. 2021 ,	3
1044	The potential role of thymoquinone in preventing the cardiovascular complications of COVID-19. 2021 , 141, 106899	2

1043	COVID-19 infection, progression, and vaccination: Focus on obesity and related metabolic disturbances. 2021 , 22, e13313	7
1042	COVID-19 Sırecinde Demografik, Sosyal, Akademik ve Hastalıkla İlgili Faktörlerin Diversite Evcilerinin Psikolojik İyili Oluşur İle İlişisi. 67-83	2
1041	Exploring the Research Trends in COVID-19 in Collaboration with Industry 4.0 Technology as an Indispensable Effective Tool to promote Global Health through Bibliometric Analysis. 2021 , 1964, 042001	
1040	COVID-19 Outpatient Screening: A Novel Risk Score to Early Predict Admission in Isolation Care Units. 2021 , 18, em309	
1039	Development of flexible electrochemical impedance spectroscopy-based biosensing platform for rapid screening of SARS-CoV-2 inhibitors. 2021 , 183, 113213	12
1038	Risks of emergency vascular surgery in COVID-19 patients. 2021 , 28,	1
1037	Indoor air quality improvement in COVID-19 pandemic: Review. 2021 , 70, 102942	58
1036	Impact of COVID-19 on coronary artery surgery: Hard lessons learned. 2021 , 36, 3294-3295	1
1035	Effects of COVID -19: An Environmental Point of View. 2021 , 219-242	3
1034	Atherogenic Dyslipidemia on Admission Is Associated With Poorer Outcome in People With and Without Diabetes Hospitalized for COVID-19. 2021 , 44, 2149-2157	5
1033	Predictive Value of Neutrophil/Lymphocyte Ratio (NLR) on Cardiovascular Events in Patients with COVID-19. 2021 , 14, 3899-3907	3
1032	Mental health and quality of life for people with rheumatoid arthritis or ankylosing spondylitis in Aotearoa New Zealand following the COVID-19 national lockdown. 2021 , 41, 1763-1772	1
1031	The World Against Versatile SARS-Cov-2 Nanomachines; Mythological or Reality?. 2021 ,	0
1030	Impact of Chronic RAAS Use in Elderly COVID-19 Patients: A Retrospective Analysis. 2021 , 10,	2
1029	Managing the uncertainty during COVID-19 pandemic: Communicating disaster and food industry sustainability. 2021 , 819, 012039	2
1028	Long covid-mechanisms, risk factors, and management. 2021 , 374, n1648	183
1027	COVID-19-associated coagulopathy and immuno-thrombosis. 2021 , 22,	2
1026	Evaluation of pathophysiological relationships between renin-angiotensin and ACE-ACE2 systems in cardiovascular disorders: from theory to routine clinical practice in patients with heart failure. 2021 , 58, 530-545	2

1025	SD-OCT assessment of macular and optic nerve alterations in patients recovered from COVID-19. 2021,	1
1024	Predicting post COVID-19 rehabilitation duration with linear kernel SVR. 2021,	2
1023	Cardiovascular complications and covid-19 infection. 2021, 20, 78-80	
1022	Impact of COVID-19 Pandemic on Mechanical Reperfusion in ST-Segment-Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention: A Multicenter Retrospective Study From a Non-epicenter Region. 2021, 8, 698923	1
1021	The prognostic value of myocardial injury in COVID-19 patients and associated characteristics. 2021 , 9, 1358-1369	2
1020	Advocacy of targeting protease-activated receptors in severe coronavirus disease 2019. 2021,	1
1019	Renin-angiotensin system inhibitors effect before and during hospitalization in COVID-19 outcomes: Final analysis of the international HOPE COVID-19 (Health Outcome Predictive Evaluation for COVID-19) registry. 2021, 237, 104-115	4
1018	An Evaluation of Liver Function Tests in SARS-CoV-2 infection in the backdrop of chronic kidney disease.	
1017	Host factors facilitating SARS-CoV-2 virus infection and replication in the lungs. 2021, 78, 5953-5976	6
1016	Neutrophil Extracellular Traps in Fatal COVID-19-Associated Lung Injury. 2021, 2021, 5566826	10
1015	Heart injury in COVID-19: immediate and long-term follow-up. 2021, 38, 48-60	1
1014	Investigating the Pharmacological Mechanisms of SheXiang XinTongNing Against Coronary Heart Disease Based on Network Pharmacology and Experimental Evaluation. 2021, 12, 698981	1
1013	Echocardiographic characterisation in critical Covid19 - an observational study.	
1012	Association of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers With the Risk of Hospitalization and Death in Hypertensive Patients With COVID-19. 2021, 10, e018086	29
1011	Adverse Cardiovascular Effects of Anti-COVID-19 Drugs. 2021, 12, 699949	7
1010	Translational deep phenotyping of deaths related to the COVID-19 pandemic: protocol for a prospective observational autopsy study. 2021, 11, e049083	1
1009	Cold Atmospheric Plasma (CAP) Technology and Applications. 2021, 6, i-191	0
1008	Laboratory Testing Implications of Risk-Stratification and Management of COVID-19 Patients. 2021, 8, 699706	0

1007	COVID-19 and Myocarditis: Findings from Cardiac Magnetic Resonance Imaging and Endomyocardial Biopsies. 2021 , 41, 366-370	3
1006	Non-Communicable Diseases and Social Media: A Heart Disease Symptoms Application. 2021 , 20,	
1005	Prevalence and Prognostic Value of in the Initial Presentation of SARS-CoV-2 Infection among Older Adults. 2021 , 10,	0
1004	Renin-Angiotensin Aldosterone System Inhibitors in Primary Prevention and COVID-19. 2021 , 10, e021154	4
1003	SARS-CoV-2 infection initiates interleukin-17-enriched transcriptional response in different cells from multiple organs. 2021 , 11, 16814	9
1002	Covid-19 rapid test by combining a Random Forest-based web system and blood tests. 2021 , 1-20	3
1001	Case Report: C-Reactive Protein Apheresis in a Patient With COVID-19 and Fulminant CRP Increase. 2021 , 12, 708101	4
1000	Deep learning for predicting COVID-19 malignant progression. 2021 , 72, 102096	16
999	Role of potential COVID-19 immune system associated genes and the potential pathways linkage with type-2 diabetes. 2021 ,	3
998	Myoglobin Offers Higher Accuracy Than Other Cardiac-Specific Biomarkers for the Prognosis of COVID-19. 2021 , 8, 686328	2
997	Cardiovascular Risk Assessment in COVID-19. 2021 , 41, 350-355	
996	Prevalence of Systemic Arterial Hypertension and Diabetes Mellitus in Individuals with COVID-19: A Retrospective Study of Deaths in Pernambuco, Brazil. 2021 , 117, 416-422	1
995	Identifying the Risk Factors for Mortality in Patients with Cancer and COVID-19 in Hamadan, the West of Iran. 2021 , 1	0
994	Correlation of olfactory dysfunction with lung involvement and severity of COVID-19. 2021 , 1	2
993	Recommendations for the recognition, diagnosis, and management of long COVID: a Delphi study. 2021 , 71, e815-e825	9
992	Anti-Diabetic Drugs GLP-1 Agonists and DPP-4 Inhibitors may Represent Potential Therapeutic Approaches for COVID-19. 2021 ,	0
991	Thromboembolism and Bleeding in COVID-19. 2021 , 4, 476-485	0
990	Randomized clinical trial to evaluate a routine full anticoagulation Strategy in Patients with Coronavirus Infection (SARS-CoV2) admitted to hospital: Rationale and design of the ACTION (AntiCoagulation cOroNaviRus)-Coalition IV trial. 2021 , 238, 1-11	10

989	Major Insights in Dynamics of Host Response to SARS-CoV-2: Impacts and Challenges. 2021 , 12, 637554	4
988	Comparing radiological presentations of first and second strains of COVID-19 infections in a low-resource country. 2021 , 7, e07818	1
987	Analyzing the severity of coronavirus infections in relation to air pollution: evidence-based study from Saudi Arabia. 2021 , 1	1
986	Impaired immune response mediated by prostaglandin E2 promotes severe COVID-19 disease. 2021 , 16, e0255335	13
985	The Risk of Neuraxial Anesthesia-Related Hypotension in COVID-19 Parturients Undergoing Cesarean Delivery: A Multicenter, Retrospective, Propensity Score Matched Cohort Study. 2021 , 8, 713733	0
984	Covid-19-induced pulmonary hypertension in children, and the use of phosphodiesterase-5 inhibitors. 10, 792	
983	COVID-19 and the kidney: time to take a closer look. 2021 , 1	2
982	Case Report: Mitral Valve Involvement and First-Degree Atrial-Ventricular Block in Two Patients With Multisystem Inflammatory Syndrome in Children. 2021 , 9, 676934	0
981	Peptide-Based Inhibitors for SARS-CoV-2 and SARS-CoV. 2021 , 4, 2100104	2
980	Characteristics of immune and inflammatory responses among different age groups of pediatric patients with COVID-19 in China. 2021 , 17, 375-384	2
979	Nanotechnology against COVID-19: Immunization, diagnostic and therapeutic studies. 2021 , 336, 354-374	8
978	ANMCO POSITION PAPER: cardio-oncology in the COVID era (CO and CO). 2021 , 23, C128-C153	4
977	A review on the COVID-19: Facts and current situation. 180-191	1
976	Cardiac biomarkers, cardiac injury, and comorbidities associated with severe illness and mortality in coronavirus disease 2019 (COVID-19): A systematic review and meta-analysis. 2021 , 9, 1071-1100	8
975	SARS-CoV-2 infects human pancreatic β cells and elicits β cell impairment. 2021 , 33, 1565-1576.e5	64
974	The Promising Enzymes for Inhibitors Development against COVID-19. 2021 ,	
973	A Comprehensive Review of the Management of Pregnant Women with COVID-19: Useful Information for Obstetricians. 2021 , 14, 3363-3378	2
972	COVID-19 and Heart Failure: From Epidemiology During the Pandemic to Myocardial Injury, Myocarditis, and Heart Failure Sequelae. 2021 , 8, 713560	12

971	Remote monitoring temporal trends during COVID-19 pneumonia in patients with implanted defibrillators. 2021 , 24, 68-71	3
970	The Influence of COVID-19 Pandemic Lockdown on the Physical Performance of Professional Soccer Players: An Example of German and Polish Leagues. 2021 , 18,	6
969	Olfactory and gustatory dysfunctions in SARS-CoV-2 infection: A systematic review. 2021 , 15, 100268	15
968	Pharmacotherapeutic agents for the management of COVID-19 patients with preexisting cardiovascular disease. 2021 , 22, 2455-2474	0
967	Aromatic Cadinane Sesquiterpenoids from the Fruiting Bodies of Block SARS-CoV-2 Spike-ACE2 Interaction. 2021 , 84, 2385-2389	3
966	Cardiovascular system and coronavirus disease-2019 (COVID-19): mutual injuries and unexpected outcomes. 2021 , 73, 77	1
965	Recovery of cardiac function following COVID-19: ECHOVID-19: a prospective longitudinal cohort study. 2021 , 23, 1903-1912	12
964	Vaccines for COVID-19: A Review of Feasibility and Effectiveness. 2021 ,	3
963	Mesenchymal stem cells and COVID-19: What they do and what they can do. 2021 , 13, 1318-1337	0
962	Prospect of 3D bioprinting over cardiac cell therapy and conventional tissue engineering in the treatment of COVID-19 patients with myocardial injury. 2021 , 18, 447-456	0
961	The impact of Covid-19 on ECG: A case-control study. 2021 , 5, 900-903	
960	HOCl as a promising candidate for effective containment of covid 19 from biological and non-biological surfaces. 2021 , 02,	
959	COVID-19: Pulmonary and Extra Pulmonary Manifestations. 2021 , 9, 711616	10
958	Revealed pathophysiological mechanisms of crosslinking interaction of affected vital organs in COVID-19. 2021 , 30, 1-17	1
957	Adipose tissue dysfunction and MAFLD in obesity on the scene of COVID-19. 2021 , 46, 101807	1
956	Myocardial injuries among patients with COVID-19: a systematic review.. 2021 , 29, 345-354	1
955	Experimental Technologies in the Diagnosis and Treatment of COVID-19 in Patients with Comorbidities. 2021 , 1-24	
954	A downscaling approach to compare COVID-19 count data from databases aggregated at different spatial scales.. 2021 ,	0

953	3D virtual Histopathology of Cardiac Tissue from Covid-19 Patients based on Phase-Contrast X-ray Tomography.	1
952	High-dose vitamin C ameliorates cardiac injury in COVID-19 pandemic: a retrospective cohort study. 2021 , 13, 20906-20914	5
951	Brief Report: A Cross-Sectional Study of Anxiety Levels and Concerns of Chinese Families of Children With Special Educational Needs and Disabilities Post-first-wave of COVID-19. 2021 , 12, 708465	1
950	. 2021 ,	1
949	Extraction and characterization of metabolites from pulp and their molecular docking against SARS-CoV-2 main-protease (M). 2021 , 1-7	1
948	Continuous Remote Patient Monitoring Shows Early Cardiovascular Changes in COVID-19 Patients. 2021 , 10,	1
947	Cardiac tamponade and massive pleural effusion in a young COVID-19-positive adult. 2021 , 14,	1
946	J2N-k hamster model simulates severe infection caused by severe acute respiratory syndrome coronavirus 2 in patients with cardiovascular diseases. 2022 , 299, 114306	3
945	The Possible Role of Microbial Proteases in Facilitating SARS-CoV-2 Brain Invasion. 2021 , 10,	0
944	Good Cholesterol Gone Bad? HDL and COVID-19. 2021 , 22,	1
943	COVID-19 and Cardiovascular Disease: Mechanisms and Implications.	
942	Repurposing pharmaceutical excipients as an antiviral agent against SARS-CoV-2. 2021 , 1-27	3
941	Association Between Cardiovascular Risk Factors and the Severity of Coronavirus Disease 2019: Nationwide Epidemiological Study in Korea. 2021 , 8, 732518	4
940	. 2021 , 8, 1477-1499	19
939	Clinical characteristics, risk factors, and cardiac manifestations of cancer patients with COVID-19. 2021 , 131, 966-976	2
938	Severe COVID-19 pneumonia complicated by cardiomyopathy and a small anterior pneumothorax. 2021 , 14,	
937	Genetic polymorphisms as multi-biomarkers in severe acute respiratory syndrome (SARS) by coronavirus infection: A systematic review of candidate gene association studies. 2021 , 93, 104846	5
936	Angiotensin-Converting Enzyme 2 (SARS-CoV-2 receptor) expression in human skeletal muscle. 2021 , 31, 2249-2258	3

935	Cardiac biomarkers and COVID-19: A systematic review and meta-analysis. 2021 , 14, 1191-1197	1
934	Key Characteristics of Cardiovascular Toxicants. 2021 , 129, 95001	7
933	Evaluation of the Perioperative Period After Off-Pump Coronary Artery Bypass Grafting in Patients with the History of COVID-19. 2021 , 80-85	1
932	The COVID-19 Patient in the Surgical Intensive Care Unit. 2022 , 102, 1-21	2
931	Exergy intensity and environmental consequences of the medical face masks curtailing the COVID-19 pandemic: Malign bodyguard?. 2021 , 313, 127880	7
930	Myocardial revascularization in patients with acute coronary syndrome in the context of COVID-19 pandemic: a single-center prospective cohort study. 2021 , 26, 4382	
929	Predicting Severe/Critical Outcomes in Patients With SARS-CoV2 Pneumonia: Development of the prediction severe/critical outcome in COVID-19 (CRITIC) Model. 2021 , 8, 695195	0
928	Effects of COVID-19 pandemic on the air quality of three megacities in India. 2021 , 259, 105659	5
927	Insights into the association of ACEIs/ARBs use and COVID-19 prognosis: a multistate modelling study of nationwide hospital surveillance data from Belgium. 2021 , 11, e053393	0
926	The NLRP3 inflammasome and COVID-19: Activation, pathogenesis and therapeutic strategies. 2021 , 61, 2-15	27
925	Renin-angiotensin-aldosterone system inhibitors and SARS-CoV-2 infection: an analysis from the veteran's affairs healthcare system. 2021 , 240, 46-57	2
924	COVID-19-associated acute respiratory distress syndrome (CARDS): Current knowledge on pathophysiology and ICU treatment - A narrative review. 2021 , 35, 351-368	16
923	Impact of COVID-19 infection on the cardiovascular system: An evidence-based analysis of risk factors and outcomes. 2021 , 35, 437-448	1
922	Impact of COVID-19 on Diagnostic Cardiac Procedural Volume in Oceania: The IAEA Non-Invasive Cardiology Protocol Survey on COVID-19 (INCAPS COVID). 2021 , 30, 1477-1486	1
921	Lessons learned in transitioning to AI in the medical imaging of COVID-19. 2021 , 8, 010902-10902	2
920	Ambiguous D-means fusion clustering algorithm based on ambiguous set theory: Special application in clustering of CT scan images of COVID-19. 2021 , 231, 107432	8
919	A mini-review on the impact of COVID 19 on vital organs. 2021 , 143, 112158	6
918	Sex-tailored pharmacology and COVID-19: Next steps towards appropriateness and health equity. 2021 , 173, 105848	5

917	SARS-CoV-2 spike promotes inflammation and apoptosis through autophagy by ROS-suppressed PI3K/AKT/mTOR signaling. 2021 , 1867, 166260	14
916	Patterns of pharmaceuticals use during the first wave of COVID-19 pandemic in Athens, Greece as revealed by wastewater-based epidemiology. 2021 , 798, 149014	13
915	Role of microRNAs in COVID-19 with implications for therapeutics. 2021 , 144, 112247	3
914	Life after COVID-19: Future directions?. 2022 , 211-226	
913	Role of biosensor-based devices for diagnosis of nononcological disorders. 2022 , 245-256	
912	COVID-19 Infection: A Novel Fatal Pandemic of the World in 2020. 2022 , 731-735	
911	Ambient air pollution and COVID-19 risk: Evidence from 35 observational studies. 2021 , 204, 112065	7
910	Panoramic and Personalised Intelligent Healthcare Mode. 2021 , 1-16	0
909	Outcomes of Hospitalized COVID-19 Patients Receiving Renin Angiotensin System Blockers and Calcium Channel Blockers. 2021 , 52, 250-260	7
908	. 2021 , 46,	1
907	Systematic Review of Artificial Intelligence in Acute Respiratory Distress Syndrome for COVID-19 Lung Patients: A Biomedical Imaging Perspective. 2021 , 25, 4128-4139	18
906	Magnesium in Infectious Diseases in Older People. 2021 , 13,	16
905	Biology, prevention, and treatment of SARS-CoV-2 (COVID-19). 2021 , 25-42	
904	Multi-Organ Involvement in COVID-19: Beyond Pulmonary Manifestations. 2021 , 10,	46
903	Neurological manifestations associated with SARS-CoV-2 and other coronaviruses: A narrative review for clinicians. 2021 , 177, 51-64	56
902	European Society of Cardiology guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 1-epidemiology, pathophysiology, and diagnosis. 2021 ,	18
901	SARS-CoV-2 infection and thrombotic complications: a narrative review. 2021 , 52, 111-123	12
900	Age-associated difference in circulating ACE2, the gateway for SARS-COV-2, in humans: results from the InCHIANTI study. 2021 , 43, 619-627	7

899	A Review on COVID-19 Outbreak: An Unprecedented Threat to the Globe. 2021 , 11, 37-41	
898	An Analysis of Blood Pressure Situations in Japan Using the Large-Scale Medical Checkup Dataset. 2021 , 13, 736-756	0
897	Research Progress on the Cardiac Injury from ACE2 Targeting in SARS-CoV-2 Infection. 2021 , 11,	0
896	The multifunctional nano-immunoliposome design: hypothesis on a therapeutic approach for COVID-19. 2021 , 103, 119-125	
895	Entropy Analysis of COVID-19 Cardiovascular Signals. 2021 , 23,	4
894	Cardiac Injury in COVID-19: A Systematic Review. 2021 , 1321, 325-333	5
893	Cardiovascular risk factors and mortality in hospitalized patients with COVID-19: systematic review and meta-analysis of 45 studies and 18,300 patients. 2021 , 21, 23	29
892	Should all patients with hypertension be worried about developing severe coronavirus disease 2019 (COVID-19)?. 2021 , 27, 3	11
891	Transcriptome of nasopharyngeal samples from COVID-19 patients and a comparative analysis with other SARS-CoV-2 infection models reveal disparate host responses against SARS-CoV-2. 2021 , 19, 32	19
890	Mutations in spike protein and allele variations in ACE2 impact targeted therapy strategies against SARS-CoV-2. 2021 , 42, 170-181	0
889	Determinants of Preventive Behaviors of COVID-19 in China: An Information-Motivation-Behavioral Skills Model. 2021 , 88-108	
888	Does SARS-CoV-2 Threaten Male Fertility?. 2021 , 1321, 139-146	2
887	Complement activation and coagulopathy - an ominous duo in COVID19. 2021 , 14, 155-173	9
886	Essential role of quantum science and nanoscience in antiviral strategies for COVID-19. 2021 , 2, 2188-2199	6
885	The value of ECG changes in risk stratification of COVID-19 patients. 2021 , 26, e12815	19
884	Management of Coronavirus Disease 2019 (COVID-19) Pandemic: From Diagnosis to Treatment Strategies. 2020 , 4, 2000173	2
883	Prevalence and impact of cardiac injury on COVID-19: A systematic review and meta-analysis. 2021 , 44, 276-283	16
882	COVID-19 Outbreak Prediction Using Quantum Neural Networks. 2021 , 113-123	2

881	A Review on the Neurological Manifestations of COVID-19 Infection: a Mechanistic View. 2021 , 58, 536-549	17
880	Telemedicine for preoperative assessment during a COVID-19 pandemic: Recommendations for clinical care. 2020 , 34, 345-351	31
879	Chemistry and Biology of SARS-CoV-2. 2020 , 6, 1283-1295	57
878	Potential antigenic cross-reactivity between SARS-CoV-2 and human tissue with a possible link to an increase in autoimmune diseases. 2020 , 217, 108480	181
877	The interplay of hypertension, ACE-2 and SARS-CoV-2: Emerging data as the "Ariadne's thread" for the "labyrinth" of COVID-19. 2020 , 61, 31-33	3
876	Temperature monitoring with an implantable loop recorder in a patient with presumed COVID-19. 2020 , 6, 477-481	3
875	Heart block in patients with coronavirus disease 2019: A case series of 3 patients infected with SARS-CoV-2. 2020 , 6, 652-656	24
874	Rhythm, conduction, and ST elevation with COVID-19: Myocarditis or myocardial infarction?. 2020 , 6, 671-675	2
873	Atypical presentation of COVID-19 as subclinical myocarditis with persistent high-degree atrioventricular block treated with pacemaker implant. 2020 , 6, 884-887	12
872	QT prolongation, torsades de pointes, and sudden death with short courses of chloroquine or hydroxychloroquine as used in COVID-19: A systematic review. 2020 , 17, 1472-1479	98
871	Sars-CoV-2 and black population: ACE2 as shield or blade?. 2020 , 84, 104361	18
870	Intermediate versus standard-dose prophylactic anticoagulation and statin therapy versus placebo in critically-ill patients with COVID-19: Rationale and design of the INSPIRATION/INSPIRATION-S studies. 2020 , 196, 382-394	43
869	The serum angiotensin-converting enzyme 2 and angiotensin-(1-7) concentrations after optimal therapy for acute decompensated heart failure with reduced ejection fraction. 2020 , 40,	2
868	ACE2 the Janus-faced protein - from cardiovascular protection to severe acute respiratory syndrome-coronavirus and COVID-19. 2020 , 134, 747-750	41
867	ACE2 in the renin-angiotensin system. 2020 , 134, 3063-3078	7
866	ACE2 as therapeutic agent. 2020 , 134, 2581-2595	4
865	Suppressed anti-inflammatory heat shock response in high-risk COVID-19 patients: lessons from basic research (inclusive bats), light on conceivable therapies. 2020 , 134, 1991-2017	8
864	Twenty years of progress in angiotensin converting enzyme 2 and its link to SARS-CoV-2 disease. 2020 , 134, 2645-2664	6

863	Unpuzzling COVID-19: tissue-related signaling pathways associated with SARS-CoV-2 infection and transmission. 2020 , 134, 2137-2160	38
862	Going viral: A brief history of Chilblain-like skin lesions ("COVID toes") amidst the COVID-19 pandemic. 2020 , 47, 330-334	17
861	Influence of nanotechnology in polymeric textiles, applications, and fight against COVID-19. 1-21	22
860	Design and study of the novel coumarin derivatives against SARS-CoV-2 main enzymes. 2020 , 1-16	4
859	A novel source material engineered double gate tunnel field effect transistor for radio frequency integrated circuit applications. 2020 , 35, 105013	7
858	Therapy With Agents Acting on the Renin-Angiotensin System and Risk of Severe Acute Respiratory Syndrome Coronavirus 2 Infection. 2020 , 71, 2291-2293	12
857	The peak levels of highly sensitive troponin I predicts in-hospital mortality in COVID-19 patients with cardiac injury: a retrospective study. 2021 , 10, 6-15	5
856	COVID-19 Infection: Implications for Perioperative and Critical Care Physicians. 2020 , 132, 1346-1361	125
855	Cardiovascular Considerations in Treating Patients With Coronavirus Disease 2019 (COVID-19). 2020 , 75, 359-367	33
854	Is Spironolactone the Preferred Renin-Angiotensin-Aldosterone Inhibitor for Protection Against COVID-19?. 2020 , 77, 323-331	11
853	COVID-19 myocarditis and long-term heart failure sequelae. 2021 , 36, 234-240	11
852	Cardiovascular implications and complications of the coronavirus disease-2019 pandemic: a world upside down. 2021 , 36, 241-251	1
851	Hypertension and coronavirus disease 2019 mortality. 2020 , 38, 1197-1198	2
850	Obesity, vitamin D deficiency and old age a serious combination with respect to coronavirus disease-2019 severity and outcome. 2021 , 24, 18-24	14
849	Cardiac Magnetic Resonance Imaging in Coronavirus Disease 2019 (COVID-19): A Systematic Review of Cardiac Magnetic Resonance Imaging Findings in 199 Patients. 2021 , 36, 73-83	35
848	Impact of COVID-19 Pandemic on the outcomes in patients with Critical Limb Threatening Ischaemia and Diabetic Foot Infection. 2020 ,	4
847	Deep learning for predicting COVID-19 malignant progression.	32
846	The protein expression profile of ACE2 in human tissues.	35

845	The QT Interval in Patients with SARS-CoV-2 Infection Treated with Hydroxychloroquine/Azithromycin.	41
844	Targeting the catecholamine-cytokine axis to prevent SARS-CoV-2 cytokine storm syndrome.	10
843	ACE-inhibitors and Angiotensin-2 Receptor Blockers are not associated with severe SARS-COVID19 infection in a multi-site UK acute Hospital Trust.	42
842	Cardiovascular Diseases Burden in COVID-19: Systematic Review and Meta-analysis.	12
841	Epidemiology, clinical course, and outcomes of critically ill adults with COVID-19 in New York City: a prospective cohort study. 2020,	33
840	Protein structure analysis of the interactions between SARS-CoV-2 spike protein and the human ACE2 receptor: from conformational changes to novel neutralizing antibodies.	3
839	Integrated analyses of single-cell atlases reveal age, gender, and smoking status associations with cell type-specific expression of mediators of SARS-CoV-2 viral entry and highlights inflammatory programs in putative target cells.	107
838	Elucidating the differences in the molecular mechanism of receptor binding between 2019-nCoV and the SARS-CoV viruses using computational tools.	2
837	ACE2 polymorphisms and individual susceptibility to SARS-CoV-2 infection: insights from an in silico study.	22
836	Distinguishing L and H phenotypes of COVID-19 using a single x-ray image.	1
835	Effectiveness of the strategies implemented in Sri Lanka for controlling the COVID-19 outbreak.	1
834	ACE inhibitors, AT1 receptor blockers and COVID-19: clinical epidemiology evidences for a continuation of treatments. The ACER-COVID study.	8
833	Single-cell Transcriptome Analysis Indicates New Potential Regulation Mechanism of ACE2 and NPs signaling among heart failure patients infected with SARS-CoV-2. 2020,	5
832	Lung disease severity, Coronary Artery Calcium, Coronary inflammation and Mortality in Coronavirus Disease 2019.	6
831	The association of cardiovascular disease and other pre-existing comorbidities with COVID-19 mortality: A systematic review and meta-analysis.	4
830	ACE2 interaction networks in COVID-19: a physiological framework for prediction of outcome in patients with cardiovascular risk factors.	4
829	Heg.IA: An intelligent system to support diagnosis of Covid-19 based on blood tests.	7
828	Association of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers with the Risk of Hospitalization and Death in Hypertensive Patients with Coronavirus Disease-19. 2020,	34

827	Determinants of cardiac adverse events of chloroquine and hydroxychloroquine in 20 years of drug safety surveillance reports.	2
826	Kidney and Lung ACE2 expression after an ACE inhibitor or an Ang II receptor blocker: implications for COVID-19.	2
825	Risk factors associated with mortality in hospitalized patients with SARS-CoV-2 infection. A prospective, longitudinal, unicenter study in Reus, Spain.	2
824	Examine the impact of weather and ambient air pollutant parameters on daily case of COVID-19 in India.	3
823	Differential expression of COVID-19-related genes in European Americans and African Americans.	2
822	Colon Cancer and SARS-CoV-2: Impact of ACE2 Expression in Susceptibility to COVID-19.	16
821	Covid-19 rapid test by combining a random forest based web system and blood tests.	3
820	Chloroquine, but not hydroxychloroquine, prolongs the QT interval in a primary care population.	1
819	Molecular features similarities between SARS-CoV-2, SARS, MERS and key human genes could favour the viral infections and trigger collateral effects.	1
818	The impact of SARS-CoV-2 transmission fear and COVID-19 pandemic on the mental health of patients with primary immunodeficiency disorders, severe asthma, and other high-risk groups.	3
817	A rational approach to identifying effective combined anticoronaviral therapies against feline coronavirus.	2
816	A Quantitative Lung Computed Tomography Image Feature for Multi-Center Severity Assessment of COVID-19.	2
815	Modeling the Impact of Lock-down on COVID-19 Spread in Malaysia.	6
814	Employing a Systematic Approach to Biobanking and Analyzing Clinical and Genetic Data for Advancing COVID-19 Research.	4
813	Clinical Outcomes From COVID-19 Following Use of Angiotensin-Converting Enzyme Inhibitors or Angiotensin-Receptor Blockers Among Patients with Hypertension in South Korea: A nationwide study.	2
812	Quantification of the association between predisposing health conditions, demographic, and behavioural factors with hospitalisation, intensive care unit admission, and death from COVID-19: a systematic review and meta-analysis.	3
811	A Systematic Review of the Cardiovascular Manifestations and Outcomes in the Setting of Coronavirus-19 Disease.	1
810	ACE2 expression in adipose tissue is associated with COVID-19 cardio-metabolic risk factors and cell type composition. 2020,	4

809	Place and underlying cause of death during the COVID19 pandemic: retrospective cohort study of 3.5 million deaths in England and Wales, 2014 to 2020.	5
808	Abnormal Upregulation of Cardiovascular Disease Biomarker PLA2G7 Induced by Proinflammatory Macrophages in COVID-19 patients.	2
807	The effect of BMI and physical activity levels on the duration of symptomatic days with Covid-19 infection.	1
806	Evidence of SARS-CoV-2 transcriptional activity in cardiomyocytes of COVID-19 patients without clinical signs of cardiac involvement.	5
805	SARS-CoV-2 3CLpro whole human proteome cleavage prediction and enrichment/depletion analysis.	2
804	A SARS-CoV-2 host proximity interactome.	34
803	Transcriptional differences for COVID-19 Disease Map genes between males and females indicate a different basal immunophenotype relevant to the disease.	1
802	Cardiovascular risk factors are independently associated with COVID-19 mortality: a prospective cohort study.	1
801	Could nutrition modulate COVID-19 susceptibility and severity of disease? A systematic review.	8
800	Genetic variants are identified to increase risk of COVID-19 related mortality from UK Biobank data. 2020,	12
799	Physiology of cardiomyocyte injury in COVID-19. 2020,	4
798	Impacts of the COVID-19 Pandemic on Cardiac Rehabilitation Delivery around the World.	3
797	A Neutralizing Antibody-Conjugated Photothermal Nanoparticle Captures and Inactivates SARS-CoV-2. 2020,	8
796	Untargeted metabolomics of COVID-19 patient serum reveals potential prognostic markers of both severity and outcome.	11
795	A pilot study on right ventricular longitudinal strain as a predictor of outcome in COVID-19 patients with evidence of cardiac involvement. 2021, 38, 222-229	11
794	Publications on COVID-19 in High Impact Factor Journals: A Bibliometric Analysis. 19, 1-12	4
793	Association between statin use and outcomes in patients with coronavirus disease 2019 (COVID-19): a nationwide cohort study. 2020, 10, e044421	35
792	Challenges in the management of older patients with acute coronary syndromes in the COVID-19 pandemic. 2020, 106, 1296-1301	11

791	Manipulation of ACE2 expression in COVID-19. 2020 , 7,	26
790	Characterization of the Link Quality of a Coordinated Wireless Environment. 2020 ,	2
789	Preventing cytokine storm syndrome in COVID-19 using β_1 adrenergic receptor antagonists. 2020 , 130, 3345-3347	69
788	Safety of Psychotropic Medications in People With COVID-19: Evidence Review and Practical Recommendations. 2020 , 18, 466-481	2
787	Organisational injustice from the COVID-19 pandemic: a hidden burden of disease. 2021 , 141, 13-14	4
786	Heparin-binding protein levels correlate with aggravation and multiorgan damage in severe COVID-19. 2021 , 7,	7
785	Neurological consequences of COVID-19: what have we learned and where do we go from here?. 2020 , 17, 286	39
784	Multi-organ point-of-care ultrasound for COVID-19 (PoCUS4COVID): international expert consensus. 2020 , 24, 702	40
783	Cardiovascular disease in COVID-19: a systematic review and meta-analysis of 10,898 patients and proposal of a triage risk stratification tool. 2020 , 72, 41	28
782	Hypoxia in acute cardiac injury of coronavirus disease 2019: lesson learned from pathological studies. 2020 , 17, 221-223	8
781	Management of Atrial Fibrillation in COVID-19 Pandemic. 2020 , 84, 1679-1685	9
780	A Comparison of Clinical Characteristics and Outcomes in Elderly and Younger Patients with COVID-19. 2020 , 26, e925047	12
779	A Retrospective Study from 2 Centers in China on the Effects of Continued Use of Angiotensin-Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers in Patients with Hypertension and COVID-19. 2020 , 26, e926651	14
778	SARS-CoV-2 and hypokalaemia: evidence and implications. 2020 , 9, 587	12
777	Case Report: Renal potassium wasting in SARS-CoV-2 infection. 2020 , 9, 659	2
776	Deep Vein Thrombosis and Pulmonary Embolism: Two Complications of COVID-19 Pneumonia?. 2020 , 7, 001646	39
775	A cardiac surgeon's perspective on the treatment of coronavirus. 2020 , 102, 256-263	1
774	Residual clinical damage after COVID-19: A retrospective and prospective observational cohort study. 2020 , 15, e0239570	69

773	Prevalence and predictors of death and severe disease in patients hospitalized due to COVID-19: A comprehensive systematic review and meta-analysis of 77 studies and 38,000 patients. 2020 , 15, e0243191	78
772	SARS-CoV-2 spike protein promotes IL-6 trans-signaling by activation of angiotensin II receptor signaling in epithelial cells. 2020 , 16, e1009128	69
771	The Many Faces of COVID-19: Atypical Presentation of COVID-19 in a Patient With Crohn's Disease With Acute Diarrhea Leading to Severe Hypovolemic Hyponatremia-A Case Report. 2020 , 115, 1730-1731	3
770	Expression Analyses of MicroRNAs in Hamster Lung Tissues Infected by SARS-CoV-2. 2020 , 43, 953-963	17
769	Echocardiographic Characteristics of Subjects With COVID-19: A Case Series. 2020 , 11, 260-265	4
768	A Rare Case of Resolution of High-Degree Atrioventricular Block Associated With COVID-19. 2020 , 11, 243-245	2
767	Evaluation and follow-up of pediatric COVID-19 in terms of cardiac involvement: A scientific statement from the Association of Turkish Pediatric Cardiology and Pediatric Cardiac Surgery. 2020 , 24, 13-18	5
766	Smart textiles and wearable technologies Opportunities offered in the fight against pandemics in relation to current COVID-19 state. 2020 , 59, 487-505	20
765	All's not well with the "worried well": understanding health anxiety due to COVID-19. 2020 , 61, E321-E323	2
764	Praca zdalna podczas epidemii COVID-19 w Polsce - wyniki badania empirycznego. 2020 , 85, 50-65	7
763	In vitro and in vivo identification of clinically approved drugs that modify ACE2 expression. 2020 , 16, e9628	23
762	Cardiovascular complications of COVID-19: evidence, misconceptions, and new opportunities. 2020 , 2, E3-E6	1
761	Coronavirus Disease 2019 and Heart Failure: A Multiparametric Approach. 2020 , 6, e22	1
760	Mechanisms of Myocardial Injury in Coronavirus Disease 2019. 2020 , 6, e15	19
759	Coronavirus Disease 2019 Myocarditis: Insights into Pathophysiology and Management. 2020 , 15, e51	9
758	Dilated Cardiomyopathy Risk in Patients with Coronavirus Disease 2019: How to Identify and Characterise it Early?. 2020 , 15, e49	7
757	Comorbidities and severity of coronavirus disease 2019 patients. 2020 , 41, 1165-1174	7
756	Acute cardiac injury is associated with adverse outcomes, including mortality in COVID-19 patients. A single-center experience. 2020 , 41, 1204-1210	2

755	Guidelines for the diagnosis and treatment of circulatory diseases in the context of the COVID-19 pandemic. 2020 , 25, 3801	57
754	Diagnosis and treatment of acute coronary syndrome during the novel coronavirus infection COVID-19 pandemic. 2020 , 25, 3854	6
753	Anticardiac antibodies in patients with severe and moderate COVID-19 (correlations with the clinical performance and prognosis). 2020 , 25, 4054	6
752	The Practical Impacts of Exercise-Intervention on COVID-19 Pandemic. 2020 , 29, 339-346	1
751	Management of acute stroke and urgent neurointerventional procedures during COVID-19 pandemic: recommendations on the Scientific Department on Cerebrovascular Diseases of the Brazilian Academy of Neurology, Brazilian Society of Cerebrovascular Diseases and Brazilian Society of Neuroradiology. 2020 , 78, 440-449	4
750	COVID-19: molecular targets, drug repurposing and new avenues for drug discovery. 2020 , 115, e200254	11
749	Thoracic tomographic manifestations in symptomatic respiratory patients with COVID-19. 2020 , 53, 255-261	12
748	IMPACTS OF COVID-19 ON THE IMMUNE, NEUROMUSCULAR, AND MUSCULOSKELETAL SYSTEMS AND REHABILITATION. 2020 , 26, 285-288	6
747	Cytokine release syndrome: inhibition of pro-inflammatory cytokines as a solution for reducing COVID-19 mortality. 2020 , 31, 81-93	21
746	Algorithms for organizing and conducting ultrasound examinations of the heart and lungs during a epidemic COVID-19. 2020 , 23, 47	1
745	New coronavirus disease (COVID-19) and cardiovascular disease. 2020 , 9, 17-28	18
744	[Myocarditis in Patients with COVID-19 Confirmed by Immunohistochemical]. 2020 , 60, 4-10	14
743	In silico, 6LU7 protein inhibition using dihydroxy-3-phenyl coumarin derivatives for SARS-CoV-2. 691-712	2
742	Risk factors for COVID-19 patients with cardiac injury: pulmonary ventilation dysfunction and oxygen inhalation insufficiency are not the direct causes. 2020 , 12, 23464-23477	4
741	Clinical challenges in cancer patients with COVID-19: Aging, immunosuppression, and comorbidities. 2020 , 12, 24462-24474	6
740	Comparison of clinical characteristics among younger and elderly deceased patients with COVID-19: a retrospective study. 2020 , 13, 16-26	7
739	Heart ultrasound in COVID-19. 2020 , 26, 270-276	4
738	New-onset Postural Orthostatic Tachycardia Syndrome Following Coronavirus Disease 2019 Infection. 2020 , 11, 4302-4304	46

737	Coronaviruses as causative agents of severe respiratory diseases. 2020 , 98, 6-13	1
736	Estimating the Global Fatality Rate from COVID-19 Given a Country's Socio-Economic Characteristics.	1
735	COVID-19 Pandemic: A Compressive Review on Gender, Herd Immunity, and Physiological Mechanisms. 2020 , 13, 2963-2974	1
734	COVID-19: Underpinning Research for Detection, Therapeutics, and Vaccines Development. 2020 , 8, 323-353	8
733	App-Based Tracking of Self-Reported COVID-19 Symptoms: Analysis of Questionnaire Data. 2020 , 22, e21956	35
732	The impact of SARS-CoV-2 transmission fear and COVID-19 pandemic on the mental health of patients with primary immunodeficiency disorders, severe asthma, and other high-risk groups (Preprint).	2
731	COVID-19 and the World with Co-Morbidities of Heart Disease, Hypertension and Diabetes. 2020 , 14, 1623-1638	18
730	Treatment of Multi-Drug Resistant Gram-Negative Bacterial Pathogenic Infections. 2020 , 14, 1639-1647	1
729	SARS-CoV-2 and COVID-19: facing the pandemic together as citizens and cardiovascular practitioners. 2020 , 68, 61-64	30
728	COVID-19 pandemic and cardiovascular disease: where do we stand?. 2020 , 68, 347-358	7
727	COVID19: potential cardiovascular issues in pediatric patients. 2020 , 91, 177-183	14
726	Cardiovascular system is at higher risk of affecting by COVID-19. 2020 , 91, e2020018	4
725	International Efforts to Save Healthcare Personnel during COVID-19. 2020 , 91, e2020044	7
724	Post-COVID-19 follow-up clinic: depicting chronicity of a new disease. 2020 , 91, 22-28	27
723	Cardiovascular impact of COVID-19: an array of presentations. 2021 , 92, e2021021	2
722	COVID-19 Outbreak in Kazakhstan: Current Status and Challenges. 2020 , 1, 6-8	5
721	Resilience and response of the congenital cardiac network in Italy during the COVID-19 pandemic. 2021 , 22, 9-13	4
720	Myocardial Injury and Myocarditis in SARS-CoV-2 Patients. 2020 , 5, 101-104	1

719	Making sense of the infodemic A bibliometric analysis of publications on COVID-19 in trauma and orthopedics. 72, 155-166	2
718	The first wave of the COVID-19 pandemic in Spain: characterisation of cases and risk factors for severe outcomes, as at 27 April 2020. 2020, 25,	35
717	The rising role of mesenchymal stem cells in the treatment of COVID-19 infections. 2020, 4, 011-016	1
716	Coronavirus Disease 2019 (COVID-19) From the Point of View of Neurologists: Observation of Neurological Findings and Symptoms During the Combat Against a Pandemic. 2020, 57, 154-159	12
715	Covid-19 Effects on ARTERial Stiffness and Vascular AgeiNg: CARTESIAN Study Rationale and Protocol.. 2020, 27, 59	9
714	Management of patients with digestive diseases during the COVID-19 pandemic: Clinical Practice Guidelines by the Gastroenterological Scientific Society of Russia. 2020, 4-51	14
713	In the Extraordinary Times of Coronavirus Disease 2019: Clinical Strategies for Performing Spinal Surgery. 2020, 14, 721-729	2
712	Preserving Access: A Review of Stroke Thrombectomy during the COVID-19 Pandemic. 2020, 41, 1136-1141	14
711	Coronavirus epidemic in Croatia: case fatality decline during summer?. 2020, 61, 501-507	2
710	Compliance of Antihypertensive Medication and Risk of Coronavirus Disease 2019: a Cohort Study Using Big Data from the Korean National Health Insurance Service. 2020, 35, e232	13
709	The Implication of Cardiac Injury Score on In-hospital Mortality of Coronavirus Disease 2019. 2020, 35, e349	6
708	Targeting the SphK-S1P-SIPR Pathway as a Potential Therapeutic Approach for COVID-19. 2020, 21,	21
707	Endothelium Infection and Dysregulation by SARS-CoV-2: Evidence and Caveats in COVID-19. 2020, 13,	68
706	COVID-19: Updated Data and its Relation to the Cardiovascular System. 2020, 114, 823-826	17
705	The Effect of Coronavirus Disease 2019 on Cardiovascular Diseases. 2020, 114, 817-822	16
704	The Heart and COVID-19: What Cardiologists Need to Know. 2020, 114, 805-816	24
703	Physical Exercise in Patients with Heart Disease and in the General Population in Times of Coronavirus. 2020, 114, 827-828	4
702	Cancer and Cardiovascular Diseases during the COVID-19 Pandemic. 2020, 115, 547-557	0

701	Does Existence of Prior Circulatory System Diseases Accelerate Mortality Due to COVID-19?. 2020 , 115, 146-147	4
700	Practical Approach to Acute Coronary Syndrome in Patients with COVID-19. 2020 ,	1
699	Challenges and Opportunities to Develop Diagnostics and Therapeutic Interventions for Severe Acute Respiratory Syndrome- Corona Virus 2 (SARS-COV-2). 2020 , 6, 219-232	1
698	COVID-19: What We Know So Far. 2020 , 1, 73-108	1
697	The role of immunostimulants in the complex therapy of Covid 19 in a clinical case. 2020 , 67, 233-237	3
696	Metabolic syndrome and COVID-19. 2020 , 7, 242-253	5
695	Severe COVID-19 Pneumonia and Very Late Stent Thrombosis: a Trigger or Innocent Bystander?. 2020 , 50, 632-633	8
694	Updates of Cardiovascular Manifestations in COVID-19: Korean Experience to Broaden Worldwide Perspectives. 2020 , 50, 543-554	11
693	ASE statement on protection of patients and echocardiography service providers during the 2019 novel coronavirus outbreak. 2020 , 4, 137	3
692	COVID-19 and Stroke: Incidental, Triggered or Causative. 2020 , 23, 318-324	12
691	Community-based palliative care during the COVID 19 pandemic. 2020 , 9, 3169-3175	5
690	The Saudi Critical Care Society Clinical Practice Guidelines on the Management of COVID-19 Patients in the Intensive Care Unit. 2020 , 4, 27	12
689	Clinical Outcomes of COVID-19 Following the Use of Angiotensin-Converting Enzyme Inhibitors or Angiotensin-Receptor Blockers among Patients with Hypertension in Korea: A Nationwide Study. 2021 , 43, e2021004	7
688	Extrapulmonary Clinical Manifestations in COVID-19 Patients. 2020 , 103, 1783-1796	27
687	Histopathological Findings in the Advanced Natural Evolution of the SARS-CoV-2 Infection. 2020 , 61, 209-218	11
686	Extrapulmonary Features of COVID-19: A Concise Review. 2020 , 24, 575-580	9
685	Technological Developments and Strategic Management for Overcoming the COVID-19 Challenge within the Hospital Setting in Israel. 2020 , 11,	4
684	Management of Cardiovascular Disease Patients with Confirmed or Suspected COVID-19 in Limited Resource Settings. 2020 , 15, 44	4

683	COVID-19: Implications for People with Chagas Disease. 2020 , 15, 69	20
682	Impaired microcirculation function in COVID-19 and implications for potential therapies. 2020 , 27, 485-488	9
681	COVID-19 - Toward a comprehensive understanding of the disease. 2020 , 27, 99-114	29
680	Myocardial injury determination improves risk stratification and predicts mortality in COVID-19 patients. 2020 , 27, 489-496	26
679	Clinical Characteristics of Critically Ill Patients Infected with COVID-19 in Rasoul Akram Hospital in Iran: A Single Center Study. 2020 , 10, e107211	7
678	E-Learning Implementation in Physical Education Department in Higher Education During COVID-19 Pandemic. 2020 , 17, 67-80	3
677	Novel COVID-19: A Comprehensive Review of Transmission, Manifestation, and Pathogenesis. 2020 , 12, e8184	29
676	A Review of Acute Myocardial Injury in Coronavirus Disease 2019. 2020 , 12, e8426	20
675	The role of vitamin B12 in viral infections: a comprehensive review of its relationship with the muscle-gut-brain axis and implications for SARS-CoV-2 infection. 2021 ,	1
674	Synchronization Of Autonomic Control Loops Of Blood Circulation In Patients With COVID-19. 2021 , 10,	0
673	Chagas disease and SARS-CoV-2 coinfection does not lead to worse in-hospital outcomes. 2021 , 11, 20289	3
672	Long-Term Survival of Older Patients Hospitalized for COVID-19. Do Clinical Characteristics upon Admission Matter?. 2021 , 18,	0
671	The art reconstruction of waste ribbons based on encouraging people to overcome coronavirus disease 2019. 004051752110533	
670	Electrocardiographic features of patients with COVID-19: One year of unexpected manifestations. 2021 ,	3
669	Prognostic value of D-dimer/fibrinogen ratio on in-hospital outcomes of patients with heart failure and COVID-19. 2021 , 15, 1519-1528	0
668	Tocilizumab in HIV patient with severe COVID-19: case report. 2021 , 18, 73	0
667	SARS-CoV-2, alcohol consumption and liver injury. 2021 ,	0
666	Changes in the SARS-CoV-2 cellular receptor ACE2 levels in cardiovascular patients: a potential biomarker for the stratification of COVID-19 patients. 2021 , 43, 2289-2304	5

665	Probiotics and prebiotics: potential prevention and therapeutic target for nutritional management of COVID-19?. 2021 , 1-18	5
664	Establishment of prediction models for COVID-19 patients in different age groups based on random Forest algorithm. 2021 ,	1
663	WIN 55,212-2 shows anti-inflammatory and survival properties in human iPSC-derived cardiomyocytes infected with SARS-CoV-2. 2021 , 9, e12262	1
662	Role of ACE2-Ang (1-7)-Mas axis in post-COVID-19 complications and its dietary modulation. 2021 , 477, 225	0
661	Neurotropism of SARS-CoV-2 and neurological diseases of the central nervous system in COVID-19 patients. 2021 , 1	7
660	Molecular Mechanisms of Multi-Organ Failure in COVID-19 and Potential of Stem Cell Therapy. 2021 , 10,	0
659	Exploring the scope of homoeopathy in combating the unfortunate consequences of post-COVID-19 survivors based on non-COVID conditions: a narrative review. 2021 ,	
658	Understanding the Impact of Plague Epidemics on the Muslim Mind during the Early Medieval Period. 2021 , 12, 843	
657	Complications of Corona Virus Disease. 2020 , 137-153	
656	Clinical and basic cardiovascular features of patients with COVID-19 admitted to a tertiary care center in Turkey.	3
655	Lung biopsy cells transcriptional landscape from COVID-19 patient stratified lung injury in SARS-CoV-2 infection through impaired pulmonary surfactant metabolism.	1
654	Spread dynamics of SARS-CoV-2 epidemic in China: a phylogenetic analysis.	1
653	COVID-Net: A deep learning based and interpretable predication model for the county-wise trajectories of COVID-19 in the United States.	3
652	Association of Renin-Angiotensin-Aldosterone System Inhibition with Risk of COVID-19, Inflammation Level, Severity and Death in Patients With COVID-19: A Rapid Systematic Review and Meta-Analysis.	2
651	Vantaggi, limiti e prospettive dei test sierologici nell'infezione da SARS-CoV-2 (COVID-19). 2020 , 16,	
650	The Impact of COVID-19 Pandemic on the Hospital Management of TAVI Patients: TAVI Team Thoughts and Recommendation. 2020 , 32, 11-15	
649	The potential relationship between mental health during the COVID-19 crisis and cardiovascular diseases: time to break the vicious cycle (Preprint).	
648	Analyzing the impact of SARS CoV-2 on the human proteome.	

- 647 The potential relationship between mental health during the COVID-19 crisis and cardiovascular diseases: time to break the vicious cycle (Preprint).
- 646 App-Based Tracking of Self-Reported COVID-19 Symptoms: Analysis of Questionnaire Data (Preprint).
- 645 The role of pre-existing chronic disease in cardiac complications from SARS-CoV-2 infection: A systematic review and meta-analysis.
- 644 Coronavirus Disease 2019: Where are we and Where are we Going? Intersections Between Coronavirus Disease 2019 and the Heart. **2020**, 6, e18
- 643 [QT Interval in Patients With COVID-19]. **2020**, 60, 11-14 1
- 642 COVID-19 severity is associated with immunopathology and multi-organ damage.
- 641 Chloroquine and hydroxychloroquine as ACE2 blockers to inhibit viropexis of COVID-19 Spike pseudotype virus.
- 640 A downscaling approach to compare COVID-19 count data from databases aggregated at different spatial scales. 0
- 639 Bio-informed Protein Sequence Generation for Multi-class Virus Mutation Prediction.
- 638 Decisiones relevantes desde urgencias en la infección por la COVID-19: abordaje del paro cardíaco y respiratorio. 34, 42-50
- 637 Renin-Angiotensin-Aldosterone System Inhibitors in Patients with COVID-19: General Considerations and Clinical Implications. **2020**, 33, 1-5
- 636 SARS-CoV-2 and hypokalaemia: evidence and implications. **2020**, 9, 587 7
- 635 Cardiopulmonary Physical Therapist; A rescuer for the patients suffering from COVID-19. **2020**, 36, 1143-1144
- 634 Cardiovascular consequences of community-acquired pneumonia and other pulmonary infections. **2020**, 212-228
- 633 Re-tasking the use of pre-existing medications and potential therapeutic options for coronavirus disease (COVID-19): systematic review of clinical studies. **2020**, 14, 109-116 2
- 632 COVID-19: Is it time to revisit the research on calcium channel drug targets?. 3
- 631 Genetic analysis of SARS-CoV-2 isolates collected from Bangladesh: insights into the origin, mutation spectrum, and possible pathomechanism. 1
- 630 The Effect of SARS-COV-2 Viruses on the Function of Different Organs, Especially the Nervous System. **2020**, 8, 111-121

629	Case Report: Renal potassium wasting in SARS-CoV-2 infection. 2020 , 9, 659	1
628	Laboratory Testing Implications of Risk-Stratification and Management for Improving Clinical Outcomes of COVID-19 Patients.	
627	A Holistic Approach to Identification of Covid-19 Patients from Chest X-Ray Images utilizing Transfer Based Learning.	
626	Community vulnerability to epidemics in Nepal: A high-resolution spatial assessment amidst COVID-19 pandemic.	
625	In-hospital and 30-day mortality after percutaneous coronary intervention in England before and after the COVID-19 era. 2021 ,	1
624	Multi-organ Proteomic Landscape of COVID-19 Autopsies.	
623	Treatment of Coronavirus Disease 2019: Shooting in the Dark. 2020 , 15, e59	2
622	In-depth Analysis of Laboratory Parameters Reveals the Interplay Between Sex, Age and Systemic Inflammation in Individuals with COVID-19.	
621	Twitter Interaction to Analyze Covid-19 Impact in Ghana, Africa from March to July.	1
620	Designed Variants of ACE2-Fc that Decouple Anti-SARS-CoV-2 Activities from Unwanted Cardiovascular Effects.	0
619	Neurological Manifestations of Hospitalized Patients with Covid-19: A Case Series Study. 2021 , 48, 41-45	
618	Survey on COVID-19-related mortality associated with occupational infection during the first phase of the pandemic: A systematic review. 2022 , 23, 10	2
617	Ginseng adjuvant therapy on COVID-19: A protocol for systematic review and meta-analysis. 2021 , 100, e27586	
616	Dysbiosis and structural disruption of the respiratory microbiota in COVID-19 patients with severe and fatal outcomes. 2021 , 11, 21297	6
615	The COVID-19 Pandemic: Are There Any Impacts on Sustainability?. 2021 , 13, 11956	2
614	Echocardiography in COVID-19 Pandemic: Clinical Findings and the Importance of Emerging Technology.. 2022 , 14, 71-78	0
613	Whey-Derived Peptides at the Heart of the COVID-19 Pandemic. 2021 , 22,	0
612	Ensemble Learning Models Coupled with Urban Mobility Information Applied to Predict COVID-19 Incidence Cases. 2022 , 821-858	0

611	Increased Risk of Arrhythmia in COVID-19 Patients: Possible Roles of Both the Disease Pathophysiology and Adverse Drug Reactions. 2020 , 9, 165	
610	Coronavirus Disease of 2019 (COVID-19) Facts and Figures: What Every Dermatologist Should Know at this Hour of Need. 2020 , 65, 251-258	2
609	Dynamic Regulation of SARS-CoV-2 Binding and Cell Entry Mechanisms in Remodeled Human Ventricular Myocardium.	0
608	Clinical characteristics and predictors of the duration of hospital stay in COVID-19 patients in Jordan. 9, 1439	0
607	Covid-19 Series: A rule-based decision support system for analysis behavior of people while working from home. 1007, 012031	0
606	The Impact of SARS-CoV-2 on Engineering Education: Student Perceptions from Three Countries. 2020 ,	0
605	Coagulopathy: Another side effect of coronavirus infection. 2021 , 13, 15-22	1
604	Therapeutic Approach Against 2019-nCoV by Inhibition of the ACE-2 receptor. 2020 ,	1
603	Differential Diagnosis of Myocardial Injury in the SARS-CoV-2 Era [Myocarditis Versus Acute Coronary Syndrome. 2020 , 6, 98-103	1
602	COVID-19 and access to essential medicine: Discussion paper. 2020 , 8, 333-335	
601	Features of HBDH in COVID-19 patients: A cohort study. 2021 , 35, e23690	0
600	The Course of Parosmia Improvement in Patients with COVID-19 in Iran. 2020 , 11, 402-412	1
599	COVID-19 and Renal Diseases: An Update. 2021 , 22, 52-67	8
598	Coronavirus Disease 2019 (COVID-19): A Simplified Assessment of its Origin, Epidemiology and Physiological Manifestations. 2020 , 14, 13-23	
597	A review of cardiac involvement in COVID-19 infection. 2020 , 62, 610-615	1
596	Stroke During COVID-19 Pandemic. 2020 , 57, 83-84	3
595	Where COVID-19 testing is challenging: a case series highlighting the role of thoracic imaging in resolving management dilemma posed by unusual presentation. 2020 , 37, 284	
594	COVID-19.	2

593	From quarantine room: Physician perspective. 2020 , 9, 5092-5102	2
592	Cardiovascular disease in the context of the COVID-19 pandemic. 2020 , 5, 50	
591	Recomendaciones para la atención de pacientes con insuficiencia cardiaca y COVID-19. 2020 , 31, 190-196	
590	Analysis and Prediction of Player Population Changes in Digital Games During the COVID-19 Pandemic. 2020 , 458-469	0
589	The Heart in the Time of the 'Coronavirus'. 2020 , 15, 24	2
588	The Association between Chronic Use of Renin-Angiotensin-Aldosterone System Blockers and in-Hospital Adverse Events among COVID-19 Patients with Hypertension. 2020 , 54, 399-404	3
587	Pandemia de COVID-19 e os cuidados de enfermagem aos pacientes em tratamento hemodialítico. 2020 , 24,	0
586	Emerging mechanisms for the new coronavirus-related myocardial injury and ischemia: A review of the literature. 2020 , 24, 7-12	6
585	Suggested Exercise Protocol for High Risk Population with COVID-19. 2020 , 10, 146-156	
584	[Smell impairment in COVID-19 patients: mechanisms and clinical significance]. 2020 , 85, 93-97	1
583	A Regression Model for Short-Term COVID-19 Pandemic Assessment. 2020 , 511-518	
582	Covid 19 and its cardiovascular effects. 2020 , 23, 401-408	3
581	Interplay of COVID-19 and physiological dysfunctions. 2020 , 63, 245-249	
580	Electrophysiology in the time of coronavirus: coping with the great wave.	
579	Burden and prevalence of prognostic factors for severe covid-19 disease in sweden.	2
578	Epidemiological and clinical characteristics of discharged patients infected with SARS-CoV-2 on the Qinghai plateau.	1
577	SARS-CoV-2 infection-associated detrimental effects on the various human organs. 2021 , 5, 072-081	1
576	Toward nanotechnology-enabled face masks against SARS-CoV-2 and pandemic respiratory diseases. 2021 , 33,	3

- 575 Worldwide differences of hospitalization for ST-segment elevation myocardial infarction during COVID-19: A systematic review and meta-analysis. **2022**, 347, 89-96 6
- 574 Non-ST Segment Elevation Myocardial Infarction Secondary to Coronary Multi-Vessel Thrombosis in the Setting of COVID-19. **2021**, 13, e19258
- 573 Analysis of cardiovascular disease factors on SARS-CoV-2 infection severity.. **2021**, 0
- 572 Increased complications of COVID-19 in people with cardiovascular disease: Role of the renin-angiotensin-aldosterone system (RAAS) dysregulation. **2021**, 351, 109738 4
- 571 DCUKLARDA COVID-19 YNETMEDUK KARDYOLOJDE YAKLAIM. 60-64
- 570 A Comprehensive review on genomic diversity and epidemiology of COVID-19. **2020**, 4, 081-095
- 569 Impact of Congestive Heart Failure and Role of Cardiac Biomarkers in COVID-19 patients: A Systematic Review and Meta-Analysis.
- 568 Health, Psychosocial, and Social Issues Emanating From the COVID-19 Pandemic Based on Social Media Comments: Text Mining and Thematic Analysis Approach (Preprint). 1
- 567 Host transcriptional responses and SARS-CoV-2 isolates from the nasopharyngeal samples of Bangladeshi COVID-19 patients.
- 566 Predicting critical state after COVID-19 diagnosis: Model development using a large US electronic health record dataset.
- 565 Cardiovascular Complications Associated with COVID-19 Infection. **2020**, 2,
- 564 Vasculopathy in patients with severe COVID-19 infection. **2020**, 98, 325-333 2
- 563 COVID-19: A review of the pandemic with emphasis on the role of imaging. **2020**, 41, 640-651
- 562 Pneumocystis jirovecii y SARS-CoV-2; COVID-19. **2020**, 18, 81-86 1
- 561 Evaluation of the Effectiveness of Movement Control Order to Limit the Spread of COVID-19. **2020**, 4, 1-9 2
- 560 A quantitative exploration of symptoms in COVID-19 patients: an observational cohort study.
- 559 Mice with Induced Pulmonary Comorbidities Display Severe Lung Inflammation and Mortality following Exposure to SARS-CoV-2.
- 558 Extracorporeal photopheresis in the treatment of the novel coronavirus disease COVID-19 (a case series). 48, 11-19

557	What is Efficacy of Chloroquine/Hydroxychloroquine in Clinical Cure of SARS-CoV 2?; Evidence From an Iranian Population. 2020 , 7,	
556	Saudi Heart Rhythm Society Task Force on Management of Potential Arrhythmogenicity Associated with Pharmacotherapy for COVID-19. 2020 , 40, 365-372	0
555	Artificial Intelligence in POCUS: The Vanguard of Technology in COVID-19 Pandemic. 2020 , 4, 116-120	1
554	A case report of a large intracardiac thrombus in a COVID-19 patient managed with percutaneous thrombectomy and right ventricular mechanical circulatory support. 2020 , 4, 1-5	8
553	COVID-19 and risk of arrhythmia?. 2020 , 5, e110	
552	Execution of intervention matters more than strategy: A lesson from the spatiotemporal assessment of COVID-19 clusters in Nepal.	
551	COVID-19 pandemic crisis-a complete outline of SARS-CoV-2. 2020 , 6, 116	1
550	[Cardiovascular Pathology in Patients With COVID-19]. 2020 , 60, 23-26	3
549	Diabetes mellitus and COVID-19: current issues of pathogenesis, clinic and therapy. Literature review. 2020 , 8-21	1
548	Il laboratorio diagnostico e COVID-19: È possibile stabilire una strategia per la diagnosi dell'infezione da SARS-CoV-2 attraverso l'uso combinato di test molecolari e sierologici?. 2020 , 16,	
547	Renin-Angiotensin-Aldosterone System Inhibitors in Patients with Covid-19. 2020 , 33, 129-132	0
546	Primer on the Pathogenesis of Severe COVID-19: Part Two.	0
545	Effect of Renin-Angiotensin-Aldosterone System inhibitors on outcomes of COVID-19 patients with hypertension: Systematic review and Meta-analysis.	0
544	Cardiac Complications in Patients Infected with COVID-19. 2020 , 17, 55-62	1
543	COVID-19 outbreak in Mauritius: Logistic growth and SEIR modelling with quarantine and an effective reproduction number.	
542	Prevalence of Underlying Diseases in Hospitalized Patients with COVID-19: a Systematic Review and Meta-Analysis. 2020 , 8, e35	356
541	COVID-19: Preliminary Clinical Guidelines for Ophthalmology Practices. 2020 , 9, 149-158	16
540	Pharmaco-invasive Therapy for STEMI in a Patient with COVID-19: A Case Report. 2020 , 8, 192-196	7

539	Increased Incidence, Morbidity, and Mortality in Human Coronavirus NL63 Associated with ACE Inhibitor Therapy and Implication in SARS-CoV-2 (COVID-19). 2020 , 117, 346-354	2
538	Hematologic parameters in coronavirus infection (COVID-19) and their clinical implications. 2020 , 8, e117	1
537	Cardiovascular risk and complications associated with COVID-19. 2020 , 10, 479-489	7
536	Investigating the factors affecting the survival rate in patients with COVID-19: A retrospective cohort study. 2020 , 34, 88	3
535	Chest pain and high troponin level without significant respiratory symptoms in young patients with COVID-19. 2020 , 11, 561-565	
534	Geriatric challenges in the new coronavirus disease-19 (COVID-19) pandemic: A systematic review. 2020 , 34, 123	12
533	Universal health coverage for strengthening prevention and control of noncommunicable diseases in COVID-19 era. 2020 , 34, 153	1
532	Cardiovascular Manifestations of COVID-19. 2020 , 21, 171-186	3
531	Non-ST Segment Elevation Myocardial Infarction in a Patient with COVID-19. 2020 , 21, 215-219	2
530	Hemorrhagic pericardial effusion leading to cardiac tamponade, as presenting feature of COVID-19 in a young man: a case report. 2020 , 91, e2020146	4
529	Considerations When Managing Heart Failure during the COVID-19 Pandemic-Consensus from the Taiwan Society of Cardiology. 2021 , 37, 125-129	1
528	Echocardiographic Abnormalities as Independent Prognostic Factors of In-Hospital Mortality among COVID-19 Patients. 2021 , 9, e21	1
527	Pre-existing cardiovascular disease, acute kidney injury, and cardiovascular outcomes in hospitalized blacks with COVID-19 infection. 2021 , 11, 212-221	
526	Coronavirus Disease and Cardiovascular Disease: A Literature Review. 2021 , 7, 156-162	2
525	Potential SARS-COV preclinical (in vivo) compounds targeting COVID-19 main protease: a meta-analysis and molecular docking studies. 2020 , 24, 99-106	2
524	Cardiovascular injuries and SARS-COV-2 infection: focus on elderly people. 2021 , 18, 534-548	1
523	An Important but Overlooked Measure for Containing the COVID-19 Epidemic: Protecting Patients with Chronic Diseases. 2020 , 2, 249-250	1
522	Cardiac manifestations of the coronavirus disease-19: a review of pathogenesis, clinical manifestations, diagnosis, and treatment. 2021 , 39, 173	

521	COVID-19 mortality and its risk factors: A single-center observational study. 2021 , 10, 252	
520	Light Rail Transit (LRT) Passenger Management System Using Image Processing Algorithm with Raspberry Pi and Multiple Cameras. 2021 , 720-748	
519	Molecular pathways involved in COVID-19 and potential pathway-based therapeutic targets. 2021 , 145, 112420	12
518	SARS-CoV-2 involvement in central nervous system tissue damage. 2022 , 17, 1228-1239	9
517	Alternative SARS-CoV-2 detection protocol from self-collected saliva for mass diagnosis and epidemiological studies in low-incoming regions. 2021 , 300, 114382	
516	COVID 19 and obstetrics: anaesthetic challenges, co-morbid conditions and critical care. 2021 , 8, 36-44	
515	Functional Effects of Cardiomyocyte Injury in COVID-19. 2021 , JVI0106321	4
514	A Multifunctional Neutralizing Antibody-Conjugated Nanoparticle Inhibits and Inactivates SARS-CoV-2. 2021 , e2103240	3
513	A Population-Based Registry Analysis on Hospitalized COVID-19 Patients with Previous Cardiovascular Disease: Clinical Profile, Treatment, and Predictors of Death.. 2021 , 8,	0
512	Comparison of comorbidities among severe and non-severe COVID-19 patients in Asian versus non-Asian populations: A systematic review and meta-analysis. 2021 ,	3
511	COVID-19, the Pandemic of the Century and Its Impact on Cardiovascular Diseases. 2021 , 1, 233-258	1
510	SARS-CoV-2 infection and oxidative stress: Pathophysiological insight into thrombosis and therapeutic opportunities. 2021 ,	6
509	Biosensors as Nano-Analytical Tools for COVID-19 Detection. 2021 , 21,	5
508	Application of the Pluripotent Stem Cells and Genomics in Cardiovascular Research-What We Have Learnt and Not Learnt until Now. 2021 , 10,	1
507	[Cardiovascular disease after COVID-19 infection in elderly patients. Results of annual follow-up of a cohort of survivors].. 2021 ,	0
506	The Pathophysiology and Management of Diabetic Ketoacidosis in COVID-19 Patients: a Literature Review.. 2022 , 8, 6-13	0
505	[Risk factors for mortality in patients over 65 years old hospitalized by COVID-19].. 2021 , 57, 6-6	0
504	Subclinical Myocardial Dysfunction in Patients Recovered from COVID-19 Disease: Correlation with Exercise Capacity. 2021 , 10,	1

503	Diseño y evaluación de una herramienta de apoyo a la toma de decisiones relacionada con los datos de COVID-19 en residencias geriátricas. 2021 ,	
502	A Large Cohort Study of SARS-CoV-2 Detection in Saliva: A Non-Invasive Alternative Diagnostic Test for Patients with Bleeding Disorders.. 2021 , 13,	3
501	SARS-CoV-2, Cardiovascular Diseases, and Noncoding RNAs: A Connected Triad. 2021 , 22,	3
500	Are sex hormones promising candidates to explain sex disparities in the COVID-19 pandemic?. 2021 , 1	3
499	Implications of testicular ACE2 and the renin-angiotensin system for SARS-CoV-2 on testis function. 2021 ,	5
498	Cardiac tamponade as a presentation of COVID-19 after cardiac surgery. 2021 , 1-4	0
497	Neurological complications and infection mechanism of SARS-COV-2. 2021 , 6, 406	16
496	O impacto da covid-19 nas periferias: uma análise espacial a partir dos casos e óbitos no Rio de Janeiro. 2021 ,	
495	Brief on Recent Application of Liposomal Vaccines for Lower Respiratory Tract Viral Infections: From Influenza to COVID-19 Vaccines. 2021 , 14,	3
494	COVID-19 PANDEMİSİNDE HEMERLERDE MESLEKTAİDAYANIMASI VE TRENME DURUMU.	
493	Use of Cardiopulmonary Stress Testing for Patients With Unexplained Dyspnea Post-Coronavirus Disease. 2021 , 9, 927-937	18
492	A COVID-19 mathematical model of at-risk populations with non-pharmaceutical preventive measures: The case of Brazil and South Africa. 2022 , 7, 45-61	3
491	The Role of Extracellular Vesicles as a Shared Disease Mechanism Contributing to Multimorbidity in Patients With COPD.. 2021 , 12, 754004	1
490	Physical activity and COVID-19. The basis for an efficient intervention in times of COVID-19 pandemic. 2021 , 113667	17
489	Interactions amongst inflammation, renin-angiotensin-aldosterone and kallikrein-kinin systems: suggestive approaches for COVID-19 therapy.. 2021 , 27, e20200181	3
488	Hallazgos imagenológicos y correlación con la escala de gravedad de la COVID-19. 2020 , 31, 5269-5276	0
487	COVID-19: Clinical Spectrum y Multiorgan Syndrome. 2021 , 149-163	
486	Acute and Subclinical Myocardial Injury in COVID-19.. 2021 , 17, 22-30	1

485	Physical and pulmonary capacities of individuals with severe coronavirus disease after hospital discharge: A preliminary cross-sectional study based on cluster analysis. 2021 , 76, e3540	1
484	COVID-19-Related Cardiac Illness. 2021 , 87-98	
483	Multi-scale mechanism of antiviral drug-alike phytoligands from Ayurveda in managing COVID-19 and associated metabolic comorbidities: insights from network pharmacology.. 2022 , 1	3
482	Electrocardiographic Changes in COVID-19 Patients: A Hospital-based Descriptive Study.. 2022 , 26, 43-48	2
481	Hypertension and COVID-19 severity. 2022 ,	
480	The utility of the Edmonton Obesity Staging System for the prediction of COVID-19 outcomes: a multi-centre study.. 2022 ,	1
479	High Levels of Pro B-Type Natriuretic Peptides Are Associated with Adverse Outcomes in COVID-19 Disease: A Single Center Experience. 2020 , 2,	
478	Determinants of Internet Usage During COVID-19 on the Young People in Dhaka, Bangladesh. 2020 , 7, 118-124	
477	Hematologic parameters in coronavirus infection (COVID-19) and their clinical implications. 2020 , 8, e117	2
476	Potential Factors of Mental Health Challenges During COVID-19 on the Young People in Dhaka, Bangladesh. 2020 , 7, 109-117	0
475	Kardiale Magnetresonanztomografie: Referenz für die myokardiale Beteiligung bei COVID-19.	
474	[The agreed experts' position of the Eurasian Association of Therapists on tactics of management of patients with comorbid pathology infected with SARS-Cov-2]. 2020 , 92, 108-124	5
473	COCARDE Study Cardiac Imaging Phenotype in Patients With COVID-19: Protocol for a Prospective Observational Study (Preprint).	
472	Challenges and emerging perspectives of an international SARS-CoV-2 epidemiological surveillance in wastewater. 2021 , 93, e20210163	0
471	A 32-Year-Old Coronary Thrombus Case Found during the COVID-19 Pandemic: Could It Be Caused By Sinovac Inactivated Vaccine Or COVID-19 Late-Term Complication?. 2021 , 7, 140	1
470	Gender-related response of body systems in COVID-19 affects outcome. 2022 , 11, 1020-1036	1
469	COVID-19 patients may present with myocarditis: A case report emphasizing the cardiac involvement of SARS-CoV-2.. 2021 , 35, 104	0
468	Is Cardiovascular Disease, Diabetes, HIV/AIDS And Tuberculosis Pre-Disposing Risk Factors For Increased Infection By SARS-Cov-2 And/or Death From COVID-19? Preliminary Results and Implications for South-East Asia. 2021 , 1-57	

- 467 NeT-Vent: Low-Cost, Rapidly Scalable and IoT-enabled Smart Invasive Mechanical Ventilator with adaptive control to reduce incidences of Pulmonary Barotrauma in SARS-CoV-2 patients. **2021**,
- 466 Clinical and laboratory characteristics of patients with COVID-19 followed up due to acute ischemic stroke. **2021**, 5, 1135-1138 0
- 465 Advanced Imaging Supports the Mechanistic Role of Autoimmunity and Plaque Rupture in COVID-19 Heart Involvement.. **2022**, 1
- 464 A Meta-Analysis: Coronary Artery Calcium Score and COVID-19 Prognosis.. **2022**, 10, 1
- 463 Healthcare Innovations to Address the Challenges of the COVID-19 Pandemic.. **2022**, PP, 4
- 462 COVID MED [An Early Pandemic Randomized Clinical Trial of Losartan for Hospitalized COVID-19 Patients.
- 461 An Updated Review on the Role of Single Nucleotide Polymorphisms in COVID-19 Disease Severity: A Global Aspect.. **2022**, 0
- 460 Metainflammation in COVID-19.. **2022**, 1
- 459 A case report of severe cardioinhibitory reflex syncope associated with coronavirus disease 2019.. **2022**, 6, ytab524
- 458 COVID-19 and the Strategic Responses to Crises in the Italian Entrepreneurial Firms: An Explorative Research. **2022**, 205-233
- 457 Human Organoids as a Promising Platform for Fighting COVID-19.. **2022**, 18, 901-910 1
- 456 Cardiac Manifestations in Patients with COVID-19: A Scoping Review.. **2022**, 17, 2 2
- 455 Clinical analysis of severe COVID-19 patients.. **2022**, 1
- 454 Acute myocardial injury in patients with COVID-19: Possible mechanisms and clinical implications.. **2022**, 10, 762-776 1
- 453 Mucociliary Transport Deficiency and Disease Progression in Syrian Hamsters with SARS-CoV-2 Infection.. **2022**, 0
- 452 COVID-19: systemic pathology and its implications for therapy.. **2022**, 18, 386-408 5
- 451 COVID-19 and : Targeting platelet aggregation, thrombosis and the coagulation pathway.. **2022**, 1
- 450 Sulodexide as pharmacotherapy for protection of endothelium and suppression of thrombosis in COVID-19. **2022**, 11, 6-17

449	Machine learning empowered COVID-19 patient monitoring using non-contact sensing: An extensive review.. 2022 ,	3
448	A new approach to predict COVID-19 using artificial neural networks. 2022 , 139-160	3
447	Evolution of Echocardiographic Abnormalities Identified in Previously Healthy Individuals Recovering from COVID-19.. 2022 , 12,	1
446	Covid-19: pharmacotherapeutic insights on various curative approaches in terms of vulnerability, comorbidities, and vaccination.. 2022 , 1	0
445	Traditional Korean Medicine Home Care for the Older Adults during the COVID-19 Pandemic in South Korea.. 2022 , 19,	1
444	Mid-term effects of SARS-CoV-2 infection on cardiovascular outcomes.. 2022 , 158, 41-42	
443	Impact of the COVID-19 pandemic on the environment and socioeconomic viability: a sustainable production chain alternative. 2022 , ahead-of-print,	4
442	Endothelial Dysfunction in Covid-19.. 2022 ,	6
441	Ivermectin Prophylaxis Used for COVID-19: A Citywide, Prospective, Observational Study of 223,128 Subjects Using Propensity Score Matching.. 2022 , 14, e21272	0
440	Acute Myocardial Injury During SARS-CoV-2 Pneumonia and Long-term Prognosis.. 2022 , 37, 1014	0
439	Increased levels of lactate dehydrogenase and hypertension are associated with severe illness of COVID-19.. 2022 , 10, 128-135	
438	Malnutrition Contributes to Low Lymphocyte Count in Early-Stage Coronavirus Disease-2019.. 2021 , 8, 739216	0
437	Cardiac Imaging Phenotype in Patients with Coronavirus Disease 2019 - COCARDE study: prospective observational study. 2021 ,	
436	COVID-19 Outcomes in Patients Hospitalised with Acute Myocardial Infarction (AMI): A Protocol for Systematic Review and Meta-Analysis. 2022 , 2, 138-147	1
435	Risk Factors for Mortality in Patients with COVID-19: The Kuwait Experience.. 2022 ,	1
434	Bulbus Fritillariae Cirrhosae as a Respiratory Medicine: Is There a Potential Drug in the Treatment of COVID-19?. 2021 , 12, 784335	0
433	A case series of myocardial infarction in SARS-CoV-2-infected patients: Same complication, different outcomes.. 2022 , 10, e05304	1
432	Role of Polypeptide Inflammatory Biomarkers in the Diagnosis and Monitoring of COVID-19.. 2022 , 28, 59	1

431	Non-invasive coronary imaging in patients with COVID-19: A narrative review.. 2022 , 149, 110188	1
430	Human Cardiac Organoids to Model COVID-19 Cytokine Storm Induced Cardiac Injuries.. 2022 ,	1
429	Global Longitudinal Strain to Predict Respiratory Failure and Death in Patients Admitted for COVID-19-Related Disease.. 2021 ,	0
428	Alzheimer's-like signaling in brains of COVID-19 patients.. 2022 ,	11
427	Cardiac complications in a geriatric population hospitalized with COVID-19: The OCTA-COVID cohort.. 2022 ,	0
426	Dexamethasone Improves Cardiovascular Outcomes in Critically Ill COVID-19, a Real World Scenario Multicenter Analysis.. 2022 , 9, 808221	0
425	The impact of lymphoid memory cells in different ages of COVID-19 patients.. 2022 , 26, 101503	1
424	Long-term cardiovascular adverse events in very elderly COVID-19 patients.. 2022 , 100, 104628	0
423	A Passive Smart Face Mask for Wireless Cough Monitoring: A Harmonic Detection Scheme With Clutter Rejection.. 2022 , PP,	2
422	Acute Coronary Syndromes in CoViD19. 2022 , 291-304	
421	COVID-19 Pathophysiology and COVID-19-Induced Respiratory Failure. 2022 , 91-101	
420	Myocardial Injury in CoViD19. 2022 , 217-242	
419	Association of Angiotensin Receptor Blockers With the Risk of COVID-19 in Korea. 2,	0
418	INSIGHTS INTO THE BIOLOGICAL IMPACT OF COVID-19 AND ITS VACCINES ON HUMAN HEALTH.. 2022 ,	2
417	Transcriptional landscape of circulating platelets from patients with COVID-19 reveals key subnetworks and regulators underlying SARS-CoV-2 infection: implications for immunothrombosis.. 2022 , 12, 15	1
416	Role of a lower cutoff of high sensitivity troponin I in identification of early cardiac damage in non-severe patients with COVID-19.. 2022 , 12, 2389	0
415	Climate influences on COVID-19 prevalence rates: An application of a panel data spatial model.	0
414	Adverse Events Profile of COVID-19 Preventative Strategies. 2022 , 2, 457-465	0

413	Main cardiac complications in elderly infected by SARS-CoV-2: a systematic review / Principais complicações cardíacas em idosos infectados pelo SARS-CoV-2: uma revisão sistemática. 14,	
412	IMPACT OF ANTIDIABETIC DRUGS ON RISK AND OUTCOME OF COVID-19 INFECTION: A REVIEW.	0
411	Untargeted metabolomics of COVID-19 patient serum reveals potential prognostic markers of both severity and outcome.. 2021, 18, 6	18
410	The mechanisms of action of ivermectin against SARS-CoV-2-an extensive review.. 2021,	5
409	European Society of Cardiology guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 1-epidemiology, pathophysiology, and diagnosis. 2021,	3
408	Three-Dimensional Virtual Anatomy as a New Approach for Medical Student's Learning.. 2021, 18,	3
407	Network Medicine Framework for Identifying Drug Repurposing Opportunities for COVID-19. 2020,	4
406	The protective effect of ulinastatin combined with Xuebijing on myocardial injuries in patients with severe pneumonia. 2021, 13, 11745-11751	
405	Clinical Features, Diagnostic Evaluation, and Management of COVID-19 Patients.. 2021, 1353, 1-22	
404	Clinical, Angiographic Profile and Immediate Outcome of COVID-19 Patients Presenting as Acute Coronary Syndrome: An Observational Study. 2021, 16, 55-61	
403	Natural Language Processing for Improved COVID-19 Characterization: Evidence from More than 350,000 Patients in a Large Integrated Health Care System.	0
402	An evaluation of liver function tests in severe acute respiratory syndrome - Corona virus 2 (SARS-CoV-2) infection in the backdrop of chronic kidney disease.. 2022, 11, 751-757	0
401	Assessment of COVID-19 Patients Infected During the Third Wave: A Multicenter International Study.	
400	Place of renin-angiotensin-aldosterone system inhibitors and statins in the treatment of cardiovascular patients in the context of COVID-19 pandemic. 2022, 21, 3195	
399	Insight into prognostics, diagnostics, and management strategies for SARS CoV-2.. 2022, 12, 8059-8094	4
398	Association between living in municipalities with high crowding conditions and poverty and mortality from COVID-19 in Mexico.. 2022, 17, e0264137	0
397	Elucidating the Role of Cardiac Biomarkers in COVID-19: A Narrative Evaluation with Clinical Standpoints and a Pragmatic.. 2022,	
396	QTc interval prolongation in patients infected with SARS-CoV-2 and treated with antiviral drugs.. 2022,	0

395	The potential impact of COVID-19 on male reproductive health.. 2022 , 1	3
394	Using a Systems Approach to Explore the Mechanisms of Interaction Between Severe Covid-19 and Its Coronary Heart Disease Complications.. 2022 , 9, 737592	
393	A numerical technique for solving infectious disease model. 2022 , 2199, 012006	
392	Morphologically, immunohistochemically and PCR proven lymphocytic viral peri-, endo-, myocarditis in patients with fatal COVID-19.. 2022 , 17, 31	4
391	Assessment of Mortality Rate, Need for ICU Admission and Ventilation in COVID-19 Patients with Diabetes Mellitus.. 2022 , 2022, 9	1
390	Development of ACE2 Loaded Decoy Liposomes and their Effect on SARS-CoV-2 for Covid-19 Treatment.. 2022 , 1-31	0
389	Artemisinins in Combating Viral Infections Like SARS-CoV-2, Inflammation and Cancers and Options to Meet Increased Global Demand.. 2022 , 13, 780257	2
388	Anti-COVID-19 Nanomaterials: Directions to Improve Prevention, Diagnosis, and Treatment.. 2022 , 12,	3
387	Genetic Predisposition to Coronavirus Disease 2019 in Relation to Ten Cardiovascular Conditions: A Two-Sample Mendelian Randomization Study.. 2022 , 9, 796165	0
386	EMİNER COVID-19 SALGINI SİCİNEKİ OKUMA DAVRANIŞLARININ VE MOTİVASYONLARININ ETKİLERİNİN ARAŞTIRILMASI VE DEĞERLENDİRİLMESİ 2022 , 51, 353-372	
385	A Review of the Role of Imaging Modalities in the Evaluation of Viral Myocarditis with a Special Focus on COVID-19-Related Myocarditis.. 2022 , 12,	5
384	Exploration of Human Serum Lipoprotein Supramolecular Phospholipids Using Statistical Heterospectroscopy in 3-Dimensions (SHY-3D): Identification of Potential Cardiovascular Risk Biomarkers Related to SARS-CoV-2 Infection.. 2022 ,	1
383	Transcriptomic profiling of cardiac tissues from SARS-CoV-2 patients identifies DNA damage.	0
382	Cardiorenal Disease in COVID-19 Patients.. 2022 , 2022, 4640788	0
381	Coronary artery calcifications and 6-month mortality in patients with COVID-19 without known atheromatous disease.. 2022 ,	0
380	Cardiovascular Dysfunction in COVID-19: Association Between Endothelial Cell Injury and Lactate.. 2022 , 13, 868679	1
379	The Potential Impact of COVID-19 Virus on the Heart and the Circulatory System.. 2022 , 15, 1175-1189	0
378	Correlation of COVID-19 Severity and Immunoglobulin Presence Against Spike and Nucleocapsid Proteins in SARS-CoV-2.. 2022 ,	

377	Possible Beneficial Effects of Fresh Pomegranate Juice in SARS-CoV-2 Infection Conditions.. 2022 , 2022, 5134560		
376	Impact of COVID-19 on Acute Myocardial Infarction Care. 2022 ,		1
375	Impact of Social Disparities on Cardiovascular Disease and COVID-19 Outcomes: BARRIERS TO CARE AND PREVENTIVE INTERVENTIONS.. 2022 , 42, 84-89		0
374	Clinical and cardiovascular characteristics from subjects with in COVID-19 and viral outbreaks.. 2022 , 58, 39-43		
373	Sustained Impairment in Cardiopulmonary Exercise Capacity Testing in Patients after COVID-19: A Single Center Experience.. 2022 , 2022, 2466789		1
372	Utility of exercise testing to assess athletes for post COVID-19 myocarditis.. 2022 , 100125		0
371	Clinical Characterization and Possible Pathological Mechanism of Acute Myocardial Injury in COVID-19.. 2022 , 9, 862571		1
370	Neutrophils in severe COVID-19 are characterized by a hyperactive immature state and maintained CXCR2 expression.		0
369	Investigation The Bacterial Filtration Efficiency Of Medical Masks From Polyethylene Terephthalate (PET) Fabric.		
368	Chemical composition and therapeutic mechanism of Xuanbai Chengqi Decoction in the treatment of COVID-19 by network pharmacology, molecular docking and molecular dynamic analysis.. 2022 , 1		0
367	Outcome, Severity, and Risk of Mortality in Patients with COVID-19 and Chronic Underlying Diseases: A Prospective Study. 2022 , 16,		
366	Life-Threatening Cardiac Tamponade Secondary to COVID-19 Treated with Uniportal Video-Assisted Thoracoscopic Surgery: A Case Report.. 2022 , 23, e935839		0
365	The Arrhythmogenic Face of COVID-19: Brugada ECG Pattern in SARS-CoV-2 Infection.. 2022 , 9,		0
364	Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Pregnancy. A Non-systematic Review of Clinical Presentation, Potential Effects of Physiological Adaptations in Pregnancy, and Placental Vascular Alterations.. 2022 , 13, 785274		0
363	Epicardial adipose tissue in contemporary cardiology.. <i>Nature Reviews Cardiology</i> , 2022 ,	14.8	12
362	SARS-CoV-2 3CLpro whole human proteome cleavage prediction and enrichment/depletion analysis.. 2022 , 98, 107671		0
361	Organ manifestations of COVID-19: what have we learned so far (not only) from autopsies?. 2022 , 1		4
360	Left Ventricular Global Longitudinal Strain in Patients With COVID-19 Infection.. 2022 , 14, e23986		

- 359 Cardiac surgery on patients with COVID-19: a systematic review and meta-analysis.. **2022**, 0
- 358 Coronavirus Disease 2019 and Hypertension: How Anti-Hypertensive Drugs Affect COVID-19 Medications and Vice Versa.. **2022**,
- 357 Can epigenetics help solve the puzzle between concomitant cardiovascular injury and severity of COVID-19?. **2021**, 79,
- 356 Medium-Term Outcomes in COVID-19.. **2022**, 11, 0
- 355 Deciphering the immunoboosting potential of macro and micronutrients in COVID support therapy.. **2022**, 1 0
- 354 Novel Approach by Natural Language Processing for COVID-19 Knowledge Discovery.. **2022**, 0
- 353 Role of Cardiac Imaging Modalities in the Evaluation of COVID-19-Related Cardiomyopathy.. **2022**, 12, 1
- 352 Differential transcriptomic landscapes of multiple organs from SARS-CoV-2 early infected rhesus macaques.. **2022**, 1 1
- 351 Serial Assessment of Myocardial Injury Markers in Mechanically Ventilated Patients With SARS-CoV-2 (from the Prospective MaastrICht Cohort).. **2022**, 1
- 350 Regenerative therapy by using mesenchymal stem cells-derived exosomes in COVID-19 treatment. The potential role and underlying mechanisms.. **2022**, 20, 61-71 1
- 349 A System for Remote Monitoring of Patient Body Parameters. **2021**, 0
- 348 Health care quality and changes in the clinical characteristics of patients with non-ST elevation acute coronary syndrome in a regional vascular center during the COVID-19 pandemic. **2022**, 21, 2984 1
- 347 Vascular Effects of Low-Dose ACE2 Inhibitor MLN-4760-Benefit or Detriment in Essential Hypertension?. **2021**, 10, 0
- 346 Myocardial injury in hospitalized COVID-19 patients: a retrospective study, systematic review, and meta-analysis.. **2021**, 21, 626 0
- 345 COVID-19 and RAAS inhibitors: is there a final conclusion?. **2021**, 13, 728-736 1
- 344 Approaches to the surgical treatment of cardiovascular diseases and complications in the background COVID-19. **2021**, 30-44
- 343 SARS-CoV-2 and Implantation Window: Gene Expression Mapping of Human Endometrium and Preimplantation Embryo.. **2021**, 11,
- 342 Myocardial Injury as a Prognostic Factor in Mid- and Long-Term Follow-Up of COVID-19 Survivors.. **2021**, 10, 1

341	APOBEC-mediated Editing of SARS-CoV-2 Genomic RNA Impacts Viral Replication and Fitness.. 2021,	3
340	Hypertension May Reduce the Infection Risk but Increase the Severity of COVID-19: Based on the Current Data in China.. 2021, 2021, 6594863	
339	Frequency of Cardiovascular Complications and Its Association with Prognosis of COVID-19 Patients.. 2021, 2021, 7073348	1
338	Implications of RNA Viruses in the Male Reproductive Tract: An Outlook on SARS-CoV-2.. 2021, 12, 783963	0
337	Potential of Hanjeli (Coix lacryma-jobi) essential oil in preventing SARS-CoV-2 infection via blocking the Angiotensin Converting Enzyme 2 (ACE2) receptor. 2021, 48, 289-303	0
336	Vitamin C inhibits Angiotensin-Converting Enzyme-2 in Isolated Rat Aortic Ring.. 2021,	
335	ESC guidance for the diagnosis and management of cardiovascular disease during the COVID-19 pandemic: part 2-care pathways, treatment, and follow-up. 2021,	3
334	Sex-Related Factors in Cardiovascular Complications Associated to COVID-19.. 2021, 12,	2
333	Development of post-COVID-19 cardiovascular events: an analysis of clinical features and risk factors from a single hospital retrospective study.. 2021, 29, 538-549	1
332	ECG pathology and its association with death in critically ill COVID-19 patients, a cohort study.. 2021, 16, e0261315	3
331	Hemodynamic Characteristics of Patients with Myocardial Injury and Cardiogenic Shock Caused by Severe COVID-19-Related Pneumonia.. 2021, 14, 9647-9655	1
330	Myocardial damage in new coronavirus infection (review). 2021, 129-145	0
329	Changes in motor paralysis involving upper extremities of outpatient chronic stroke patients from temporary rehabilitation interruption due to spread of COVID-19 infection: An observational study on pre- and post-survey data without a control group. 2021, 16, e0260743	
328	3D virtual histopathology of cardiac tissue from Covid-19 patients based on phase-contrast X-ray tomography.. 2021, 10,	2
327	Spectral analysis of signals of autonomic regulation of blood circulation in patients with COVID-19 and arterial hypertension. 2021, 8,	
326	SARS-CoV-2, COVID-19 and cardiovascular complications from the position of vascular endothelium. 2022, 17, 21	1
325	Treatment of myocarditis in COVID-19 patients. 2022, 15, 159	0
324	Impact of COVID-19 Pandemic on Cardiovascular Disease Patients Outside Wuhan During the Lockdown in Wuhan, China: A Retrospective Study.	

- 323 Coronary Artery Calcifications Are Associated With More Severe Multiorgan Failure in Patients With Severe Coronavirus Disease 2019 Infection: Longitudinal Results of the Maastricht Intensive Care COVID Cohort.. **2022**, 0
- 322 Six-Month Longitudinal Tracking of Arterial Stiffness and Blood Pressure in Young Adults Following SARS-CoV-2 Infection.. **2022**, 4
- 321 Management of cardiac patients in epidemic outbreak.. **2022**,
- 320 Microphysiological stem cell models of the human heart.. **2022**, 14, 100259
- 319 The Roles of APOBEC-mediated RNA Editing in SARS-CoV-2 Mutations, Replication and Fitness.. **2022**, 0
- 318 Epidemiological and clinical and laboratory features of COVID-19 in pediatric patients. **2022**, 12, 63-76
- 317 Characterization of COVID-19-associated cardiac injury: evidence for a multifactorial disease in an autopsy cohort.. **2022**, 3
- 316 Table_1.docx. **2020**,
- 315 Data_Sheet_1.DOCX. **2020**,
- 314 Table_1.docx. **2020**,
- 313 Data_Sheet_1.docx. **2020**,
- 312 Data_Sheet_1.docx. **2020**,
- 311 Table_1.DOCX. **2020**,
- 310 Data_Sheet_1.PDF. **2021**,
- 309 Data_Sheet_2.PDF. **2021**,
- 308 Data_Sheet_3.PDF. **2021**,
- 307 Data_Sheet_1.docx. **2020**,
- 306 Image_1.jpg. **2020**,

305	Safety considerations of chloroquine in the treatment of patients with diabetes and COVID-19.. 2022 , 109954	0
304	Cardiopulmonary Resuscitation Outcomes of Patients with COVID-19; a One-Year Survey. 2021 , 9, e70	0
303	The SARS-Cov-2 Proliferation Blocked by a Novel and Potent Main Protease Inhibitor via Computer-aided Drug Design.. 2021 , 20, 399-418	
302	Role of plasma angiotensin II and angiotensin-converting enzyme 2 levels on prognosis and mortality in hypertensive patients with COVID-19. 2021 , 15, 1581-1588	4
301	SARS-COV-2 - the pandemic of the XXI century, clinical manifestations - neurological implications.. 2022 , 15, 319-327	1
300	Mortality of the elderly population during the COVID-19 pandemic. Are there north-south differences?. 2020 , 5, 2-12	
299	COVID-19 in Ophthalmology. Current Disease Status and Challenges during Clinical Practice.. 2021 , 16, 668-680	
298	[Early differential diagnosis between COVID-19 and mycoplasma pneumonia with chest CT scan]. 2020 , 49, 468-473	1
297	Different Approaches to Confronting the Biological Epidemic; Prevention Tools with an Emphasis on COVID-19: A Systematized Study. 2021 , 12, 127	
296	Assessing the anxiety levels of doctors and nurses caring for COVID-19 patients using the Beck anxiety inventory.	
295	Analysis of the coupling of autonomic regulatory loops of blood circulation in patients with Covid and cardiovascular pathologies. 2022 ,	
294	Cardiac complications in patients with COVID-19: a systematic review. 2022 , 2,	1
293	Insights into Cardiovascular Defects and Cardiac Epigenome in the Context of COVID-19. 2022 , 6, 13	0
292	Cold atmospheric plasma for addressing the COVID-19 pandemic.. 2022 , e2200012	2
291	Real-Time Prediction of Mortality, Cardiac Arrest and Thromboembolic Complications in Hospitalized Patients with COVID-19. 2022 , 100043	1
290	Lessons From COVID-19: Physical Exercise Can Improve and Optimize Health Status. 2022 , 9,	
289	Angiotensin II Promotes SARS-CoV-2 Infection via Upregulation of ACE2 in Human Bronchial Cells.. 2022 , 23,	0
288	First Episode, Late-Onset Organic Mania During the Convalescence Phase of COVID-19: Case Series and Literature Review. 025371762210920	

- 287 Can we succeed in the fight against SARS-CoV-2 with its emerging new variants?. **2022**, 0
- 286 COVID-19 and the role of cytokines in this disease.. **2022**, 1 4
- 285 Mechanisms of Immune Dysregulation in COVID-19 Are Different From SARS and MERS: A Perspective in Context of Kawasaki Disease and MIS-C. **2022**, 10, 0
- 284 Comparison of the cardiovascular system, clinical condition, and laboratory results in COVID-19 patients with and without vitamin D insufficiency.. **2022**, 22, 441 0
- 283 Comparison of deep vein thrombosis risks in acute respiratory distress syndrome caused by COVID-19 and bacterial pneumonia: a retrospective cohort study.. **2022**, 20, 27 0
- 282 Impact Of Metabolic Risk Factors On Covid-19 Clinical Outcomes: An Extensive Review.. **2022**, 0
- 281 Clinical update on COVID-19 for the emergency clinician: Cardiac arrest in the out-of-hospital and in-hospital settings.. **2022**, 57, 114-123 1
- 280 Outcomes of Cancer Patients with COVID-19 in a Hospital System in the Chicago Metropolitan Area.. **2022**, 14, 0
- 279 Cardiac Manifestations in COVID-19 Patients-Admitted in Tertiary Care Hospital of Peshawar. **2022**, 4, 27-33 0
- 278 ACUTE CORONARY SYNDROME AND COVID 19 ARDS: A RARE CASE REPORT OF REFRACTORY HYPERCOAGULOPATHY.. **2022**, 9-10 0
- 277 Association of Congenital and Acquired Cardiovascular Conditions With COVID-19 Severity Among Pediatric Patients in the US.. **2022**, 5, e2211967 0
- 276 How do people get information for COVID-19 according to age groups?. **2022**, 0
- 275 Predicting the Disease Severity of Virus Infection.. **2022**, 1368, 111-139 0
- 274 ACE2 expression in adipose tissue is associated with cardio-metabolic risk factors and cell type composition-implications for COVID-19.. **2022**, 0
- 273 Improving patient and clinician safety during COVID-19 through rapidly adaptive simulation and a randomised controlled trial: a study protocol.. **2022**, 12, e058980 0
- 272 Clinical Features and Outcomes of COVID-19 Patients with Acute Kidney Injury and Acute Kidney Injury on Chronic Kidney Disease. **2022**, 13, 884 1
- 271 The Effects of the SARS-CoV-2 Virus on the Cardiovascular System and Coagulation State Leading to Cardiovascular Diseases: A Narrative Review. **2022**, 59, 004695802210934 0
- 270 Yoga as a Potential Intervention for Preventing Cardiac Complications in COVID-19: Augmenting Immuno-Modulation and Bolstering Mental Health. **2022**, 367-380 0

269	COVID-19 Myocarditis: An Emerging Clinical Conundrum. 2022 , 47, 101268	1
268	Co-relation of SARS-CoV-2 related 30-d mortality with HRCT score and RT-PCR Ct value-based viral load in patients with solid malignancy. 2022 , 13, 339-351	
267	Vascular alterations among male elite athletes recovering from SARS-CoV-2 infection. 2022 , 12,	0
266	Trends of Myocarditis and Endocarditis Cases before, during, and after the First Complete COVID-19-Related Lockdown in 2020 in France. 2022 , 10, 1231	2
265	Antihypertensive and vasorelaxant effects of Rumex vesicarius (L.) through receptor-operated calcium channels in hypertensive rats. 2022 , 22,	
264	Myocardial Injury in COVID-19 and Its Implications in Short- and Long-Term Outcomes. 2022 , 9,	0
263	Impairment of the Cardiovascular System during SARS-CoV-2 Infection.	
262	How Should Anesthesiologists Face Coronavirus Disease 2019?. 2022 , 9,	
261	Quality of care in patients with type 1 diabetes during the COVID-19 pandemic: a cohort study from Southern Brazil. 2022 , 14,	2
260	Excesso de Mortalidade Hospitalar por Doenas Cardiovasculares no Brasil Durante o Primeiro Ano da Pandemia de COVID-19. 2022 ,	0
259	Gastrointestinal distress, State and Trait anxiety, and dietary intake among college students during the COVID-19 pandemic. 1-8	
258	Cardiovascular Tropism and Sequelae of SARS-CoV-2 Infection. 2022 , 14, 1137	3
257	Tissue-engineered heart chambers as a platform technology for drug discovery and disease modeling. 2022 , 212916	1
256	Comparison of trace element (Selenium, Iron), electrolyte (Calcium, Sodium), and physical activity levels in COVID-19 patients before and after the treatment. 2022 , 127015	1
255	COVID-19 presenting after Elective Off-pump Coronary Artery Bypass Grafting and Lessons Learned. 2022 , 74,	0
254	Estimated Oxygen Consumption with the Abbreviated Method and Its Association with Vaccination and PCR Tests for COVID-19 from Socio-Demographic, Anthropometric, Lifestyle, and Morbidity Outcomes in Chilean Adults. 2022 , 19, 6856	1
253	Molecular signaling pathways, pathophysiological features in various organs, and treatment strategies in SARS-CoV2 infection. 2022 , 124, 151908	
252	Air pollution and COVID-19 mortality and hospitalization: An ecological study in Iran. 2022 , 13, 101463	0

- 251 Investigation of Laboratory Findings, Hospitalization Day and Ex Rates of COVID-19 Patients with Comorbidity. ○
- 250 Clinical case of SARS-CoV-2 infection with the development of acute myocardial infarction, myomalacia and hemopericardium. **2022**, 25, 75 ○
- 249 Echocardiography application in patients with COVID-19. **2022**, 41-46
- 248 Clinical Characteristics and Outcomes of Patients Hospitalized with COVID-19 at Case Hospital, Uganda. **2022**, 2022, 1-11 1
- 247 Role of Neuroimmune Interactions in COVID-19-related Cardiovascular Damage. **2022**, 42, 555-560
- 246 Postural orthostatic tachycardia syndrome and orthostatic hypotension post COVID-19. **2022**, 22, ○
- 245 Unmasking Myocardial Dysfunction in Patients Hospitalized for Community-Acquired Pneumonia Using a 4-Chamber 3-Dimensional Volume/Strain Analysis.
- 244 Detection of abnormal lymphocytes in the peripheral blood of COVID-19 cancer patients: diagnostic and prognostic possibility. **2022**, 27, 745-756 ○
- 243 ~~2022~~ COVID-19. **2022**, 599-602
- 242 Paraclinical Characteristics of Fatal and Recovered COVID-19 Cases: a Retrospective Study. **2022**, 10, 80-86
- 241 Is SARS-CoV-2 Directly Responsible for Cardiac Injury? Clinical Aspects and Postmortem Histopathologic and Immunohistochemical Analysis. **2022**, 10, 1258 ○
- 240 Clinical and genetic predictors of cardiovascular events as the risk of an unfavorable course and outcomes of novel coronavirus infection. **2022**, 14, 5-16 ○
- 239 Covid-19 Delta Variant Resulting in Multi System Thromboembolic Disease. **2022**, 100101 ○
- 238 Uncovering the genetic links of SARS-CoV-2 infections on heart failure co-morbidity by a systems biology approach. ○
- 237 Strategies to fight COVID-19: Beyond the difference between SARS-CoV-2 and Influenza virus. **2022**, 5, 016-029
- 236 Bionanomaterials for diagnosis and therapy of SARS-CoV-2. **2022**, 469-489
- 235 COVID-19 and Blood Clots: Is it only The Virus to be Blamed? What are new Updates? A Systematic Review.
- 234 CARDIOVASCULAR SYSTEM INJURIES IN PATIENTS WITH COVID-19. Review. **2022**, 18, 45-54

233	Management of Cardiovascular Disease in Patients With COVID-19 and Chronic Chagas Disease: Implications to Prevent a Scourge Still Larger. 9,	1
232	THE EFFECT OF COVID-19 ON MYOCARDIAL DAMAGE: A CLINICAL CASE. 2022 , 31-39	
231	FDA Emergency Use Authorization-Approved Novel Coronavirus Disease 2019, Pressure-Regulated, Mechanical Ventilator Splitter That Enables Differential Compliance Multiplexing. Publish Ahead of Print,	0
230	Therapeutic Targeting of Innate Immune Receptors Against SARS-CoV-2 Infection. 13,	0
229	Intelligent Solutions for Manipulating Purchasing Decisions of Customers Using Internet of Things during Covid-19 Pandemic. 2022 , 10, 105-110	
228	Cardiac involvement in multisystem inflammatory syndrome in children: single-centre experience. 1-7	0
227	Immune Response in Regard to Hypersensitivity Reactions after COVID-19 Vaccination. 2022 , 10, 1641	1
226	N-3 polyunsaturated fatty acids block the trimethylamine-N-oxide- ACE2- TMPRSS2 cascade to inhibit the infection of human endothelial progenitor cells by SARS-CoV-2. 2022 , 109102	0
225	Cell and Animal Models for SARS-CoV-2 Research. 2022 , 14, 1507	3
224	The future Landscape of macrophage research in cardiovascular disease: a bibliometric analysis. 2022 , 101311	0
223	Mechanisms of COVID-19 Pathogenesis in Diabetes.	3
222	A narrative review on yoga: a potential intervention for augmenting immunomodulation and mental health in COVID-19. 2022 , 22,	0
221	A Real Pandora's Box in Pandemic Times: A Narrative Review on the Acute Cardiac Injury Due to COVID-19. 2022 , 12, 1085	1
220	Results and effects of patients who have recovered from COVID-19: identifying the relationship with risk factors and comorbidities. 2022 , 27, 2963-2972	0
219	Federated Remote Physiological Measurement with Imperfect Data. 2022 ,	1
218	The usefulness of speckle tracking echocardiography in identifying subclinical myocardial dysfunction in young adults recovered from mild COVID-19.	1
217	Advances in application of single-cell RNA sequencing in cardiovascular research. 9,	
216	The effect of COVID-19 fear on hygiene behaviors in hemodialysis patients during the COVID-19 pandemic. 2022 , 5, 1176-1182	

215	Efficacy and Safety of Shenfu Injection for Severe Pneumonia in the Elderly: A Systematic Review and Meta-Analysis Based on Western and Eastern Medicine. 13,	0
214	Folic acid restricts SARS-CoV-2 invasion by methylating ACE2. 13,	0
213	Dynamic changes of atrioventricular conduction during Covid-19 infection: Does inflammation matter?. 2022, 23,	0
212	A Systematic Review of COVID-19 and Pericarditis. 2022,	
211	Microfluidics-Based POCT for SARS-CoV-2 Diagnostics. 2022, 13, 1238	1
210	MR-proADM Biomarker Predicts COVID-19 Clinical Outcomes: a US-based Cohort Study.	1
209	Bilateral Psoas Haematoma Following Extracorporeal Membranous Oxygenation in a Patient with Severe COVID-19 (SARS CoV-2). A Rare Case Report and Literature Review..	
208	Low molecular weight heparin is associated with better outcomes than unfractionated heparin for thromboprophylaxis in hospitalized COVID-19 patients: a meta-analysis.	0
207	The cross-talk of lung and heart complications in COVID-19: Endothelial cells dysfunction, thrombosis, and treatment. 9,	0
206	Prognostic associations of ECG tracings in hospitalised patients with COVID-19: a systematic review and meta-analysis protocol. 2022, 12, e057667	
205	Analysis of cardiovascular disease factors on SARS-CoV-2 infection severity. 2022, 159, 171-176	
204	Nutrition as Personalized Medicine against SARS-CoV-2 Infections: Clinical and Oncological Options with a Specific Female Groups Overview. 2022, 23, 9136	5
203	Influence of right ventricular structure and function on hospital outcomes in COVID-19 patients. 2023, 57, 19-24	0
202	Gender Differences in Diagnosis, Prevention, and Treatment of Cardiotoxicity in Cardio-Oncology. 2022, 11, 5167	0
201	Variants of course of chronic heart failure in patients with cardiovascular pathology after coronavirus infection. 2022, 15-18	0
200	Factores de riesgo para complicaciones graves de COVID-19, comparando tres olas epidemiológicas. Un enfoque desde la Atención Primaria en México. 2022,	0
199	The landscape of potential health benefits of carotenoids as natural supportive therapeutics in protecting against Coronavirus infection. 2022, 154, 113625	0
198	COVID-19 Impact on Host at Pathophysiological and Cellular Level. 2022, 67-111	0

- 197 Data-driven machine learning: A new approach to process and utilize biomedical data. **2022**, 225-252 ○
- 196 Teacher Education in the Digital Age: Opportunities and Challenges. **2022**, 11-23 ○
- 195 Isfahan COVID cohort study: Rationale, methodology, and initial results. **2022**, 27, 65 1
- 194 COVID-19 Hastasında Tocilizumab İlişkili Ventriküler Taikardi Vakası ○
- 193 AI Powered COVID-19 Detection System using Non-Contact Sensing Technology and Deep Learning Techniques. **2022**, ○
- 192 Sentiment analysis of public sensitivity to COVID-19 vaccines on twitter by majority voting classifier-based machine learning. ○
- 191 COVID-19 in Children and Newborn. **2022**, 305-342 ○
- 190 The Association of Latitude and Altitude with COVID-19 Symptoms: A VIRUS: COVID-19 Registry Analysis. **2022**, 16, ○
- 189 Regular Use of Ivermectin as Prophylaxis for COVID-19 Led Up to a 92% Reduction in COVID-19 Mortality Rate in a Dose-Response Manner: Results of a Prospective Observational Study of a Strictly Controlled Population of 88,012 Subjects. **2022**, ○
- 188 COVID-19 and Cardiovascular Manifestations. **2022**, 102-136 ○
- 187 Succint review on biological and clinical aspects of Coronavirus disease 2019 (COVID-19). **2022**, 125, 356-365 ○
- 186 Covid-19-induced pulmonary hypertension in children, and the use of phosphodiesterase-5 inhibitors. 10, 792 ○
- 185 The roles of APOBEC-mediated RNA editing in SARS-CoV-2 mutations, replication and fitness. **2022**, 12, ○
- 184 Short-Term Covid-19 Incidence Prediction in Countries Using Clustering and Regression Analysis. **2023**, 333-342 ○
- 183 Utility of cardiac bioenzymes in predicting cardiovascular outcomes in SARS-CoV-2. 11, 375-390 ○
- 182 Hospitalized Patients With COVID-19 Have Higher Plasma Aldosterone-Renin Ratio and Lower ACE-Activity Than Controls. ○
- 181 Renal, Cardiac, Neurological, Cutaneous and Coagulopathic Long-term Manifestations of COVID-19 after Recovery; A review. 1-29 ○
- 180 Transcriptomic profiling of cardiac tissues from SARS-CoV -2 patients identifies DNA damage. ○

179	THE IMPACT OF THE COVID-19 PANDEMIC ON RECOVERY FROM CARDIAC SURGERY: 1 YEAR OUTCOMES.	0
178	High-Sensitivity Troponin I is an Indicator of Poor Prognosis in Patients with Severe COVID-19 Related Pneumonia. Volume 15, 7113-7121	0
177	Colorimetric Detection of the SARS-CoV-2 Virus (COVID-19) in Artificial Saliva Using Polydiacetylene Paper Strips. 2022 , 12, 804	0
176	Prospects of animal models and their application in studies on adaptive immunity to SARS-CoV-2. 13,	1
175	About the Uses of dilated cardiomyopathy. 2022 , 3, 85-90	0
174	Effects of COVID-19 on Arrhythmia. 2022 , 9, 292	0
173	Renessans Helps in Early Clearance of SARS-CoV-2: In-Vivo Activity of the Iodine Complex in Rhesus macaque. 2022 , 12, 1424	1
172	A Bioinformatic Approach Based on Systems Biology to Determine the Effects of SARS-CoV-2 Infection in Patients with Hypertrophic Cardiomyopathy. 2022 , 2022, 1-13	0
171	Clinical and paraclinical parameters in COVID-19 patients with nephrological disorders.	0
170	Suppression of ACE2 SUMOylation protects against SARS-CoV-2 infection through TOLLIP-mediated selective autophagy. 2022 , 13,	2
169	Augmentation of literature review of COVID-19 radiology. 14, 342-351	0
168	The Prevalence of Electrolyte Imbalances and Their Relationship with Disease Severity in Hospitalized COVID-19 Patients. 2022 , 17,	0
167	Outcomes of urgent coronary artery bypass grafting in patients who have recently recovered from COVID-19 infection, with a median follow-up period of twelve months: our experience. 2022 , 74,	0
166	Comparable Public Health Responses to COVID-19 Pandemic. 2022 , 15,	0
165	Relationship Between Preexisting Cardiovascular Disease and Death and Cardiovascular Outcomes in Critically Ill Patients With COVID-19.	0
164	Associations between the use of aspirin or other antiplatelet drugs and all-cause mortality among patients with COVID-19: A meta-analysis. 13,	1
163	Development of reusable cloth mask with nanoparticle filtration efficiency greater than 95%. 1-28	0
162	Association between multimorbidity, intensive care unit admission, and death in patients with COVID-19 in Brazil: a cross-section study, 2020.	0

- 161 Impacto da pandemia de Covid-19 sobre o treinamento esportivo. 348-372 ○
- 160 Candidate Drugs for the Potential Treatment of Coronavirus Diseases. **2021**, 85-114 ○
- 159 Synergistic Effects of Environmental Factors on the Spread of Corona Virus. **2022**, 677-695 ○
- 158 Cardiac comorbidities impact on the outcomes in severe COVID-19 infection. **2022**, 8, 83 ○
- 157 Genetic susceptibility to autoimmunity Current status and challenges. **2022**, ○
- 156 Associations between Wearing Masks, Hand Washing, and the Risk of COVID-19 Contraction: A Case-Control Study in the Northwest of Iran. **2022**, 11, 23-31 ○
- 155 Elevated Natriuretic Peptides in Patients With Severe or Critical COVID-19: A Meta-Analysis. **2022**, 49, ○
- 154 Moderate, Little, or No Improvements in Neurobehavioral Symptoms among Individuals with Long COVID: A 34-Country Retrospective Study. **2022**, 19, 12593 ○
- 153 Myocarditis associated with COVID-19 and its vaccines - a systematic review. **2022**, ○
- 152 HEART DAMAGE AS ONE OF THE SYNDROM OF COVID-19 INFECTION. **2022**, 23, 105-112 ○
- 151 Biological and Exploitable Crossroads for the Immune Response in Cancer and COVID-19. **2022**, 10, 2628 ○
- 150 Assessment of Adult Patients with Long COVID Manifestations Suspected as Cardiovascular: A Single-Center Experience. **2022**, 11, 6123 ○
- 149 POST-COVID CARDIOVASCULAR MANIFESTATION AMONG THE PATIENTS ATTENDING TERTIARY CARE HOSPITAL IN CHHINDWARA: A QUALITATIVE STUDY. 172-176 ○
- 148 Cardiovascular Complications of COVID-19 among Pregnant Women and Their Fetuses: A Systematic Review. **2022**, 11, 6194 ○
- 147 Geographical and Temporal Analysis of Tweets Related to COVID-19 and Cardiovascular Disease in the US. 1-10 ○
- 146 Early carbohydrate antigen 125 as a mortality predictor in hospitalized patients with coronavirus disease 2019. 9, ○
- 145 Revisiting the COVID-19 fatality rate and altitude association through a comprehensive analysis. **2022**, 12, 1
- 144 COVID-19 as a Risk Factor for Alzheimer's Disease. **2022**, 1-24 ○

- 143 Long-Term Cardiovascular Outcome in Children with MIS-C Linked to SARS-CoV-2 Infection: An Italian Multicenter Experience. **2022**, 11, 1474 1
- 142 Tachyarrhythmias During Hospitalization for COVID-19 or Multisystem Inflammatory Syndrome in Children and Adolescents. **2022**, 11, 0
- 141 Association of ACE2 Gene Variants with the Severity of COVID-19 Disease: A Prospective Observational Study. **2022**, 19, 12622 0
- 140 The role of admission electrocardiogram in predicting outcome in patients hospitalized for COVID-19. **2022**, 75, 10-18 0
- 139 Forthcoming complications in recovered COVID-19 patients with COPD and asthma; possible therapeutic opportunities. **2022**, 20, 0
- 138 Role of CCL2/CCR2 axis in the pathogenesis of COVID-19 and possible Treatments: All options on the Table. **2022**, 113, 109325 1
- 137 Synergistic action of organophosphates and COVID-19 on inflammation, oxidative stress, and renin-angiotensin system can amplify the risk of cardiovascular maladies. **2022**, 456, 116267 0
- 136 Polyketides and SARS-CoV-2. **2023**, 423-444 1
- 135 Association between biopsychosocial factors and self-reported COVID-19 clinical complications in a Brazilian city. 25, 0
- 134 Iniciativa código infarto en la región Bajío, durante la pandemia por COVID-19 en un hospital de reconvertido. **2022**, 33, 97-105 0
- 133 Evaluation of the antioxidant state in type 2 diabetes mellitus patients with COVID-19. **2022**, 0
- 132 Ultrafine and bimodal structured polyamide-6 nanofiber/nets membrane for air nanofiltration. **2022**, 52, 152808372210792 0
- 131 COVID-19 and aerobic exercise: possible role of angiotensin converting enzyme 2. **2022**, 80, 0
- 130 Correlation between structural heart disease and cardiac SARS-CoV-2 manifestations. **2022**, 2, 1
- 129 Recovery of systemic hyperinflammation in patients with severe SARS-CoV-2 infection. 1-19 0
- 128 A Comparison of the Prognosis of SARS-CoV-2 Viral Infection in Patients with and Without Underlying Heart Disease. **2022**, 6, 0
- 127 SARS-CoV -2 spike protein capture by peptide functionalized networks. 0
- 126 Ventricular arrhythmia burden in patients with implantable cardioverter defibrillator and remote patient monitoring during different time intervals of the COVID-19 pandemic. **2022**, 27, 0

- 125 Molecular and cellular mechanisms involved in tissue-specific metabolic modulation by SARS-CoV-2. 13, 0
- 124 When the clock ticks wrong with COVID-19. **2022**, 12, 0
- 123 An overview on role of nutrition on COVID-19 immunity: Accumulative review from available studies. **2022**, 0
- 122 Heart rate estimation network from facial videos using spatiotemporal feature image. **2022**, 151, 106307 2
- 121 Immunosenescence and ACE2 protein expression: Association with SARS-CoV-2 in older adults. **2022**, 6, 008-017 0
- 120 Is the prognosis of non-hypertensive, COVID-19 patients treated with renin-angiotensin-aldosterone system inhibitors more uncertain?. **2022**, 10, 0
- 119 Cardiovascular complications are the primary drivers of mortality in hospitalized patients with SARS-CoV-2 community-acquired pneumonia. **2022**, 0
- 118 Association Between History of Polymerase Chain Reaction-verified COVID-19 Infection and Outcomes of Subsequent ST-Elevation Myocardial Infarction. 000331972211399 0
- 117 Post-coronavirus disease 2019 sequelae on male-reproductive functions: A cohort observational study. **2022**, 71, 447 0
- 116 Coronary artery calcification: Effects on severity and survival in patients with COVID-19. **2022**, 27, 89 0
- 115 Human lung organoid: Models for respiratory biology and diseases. **2023**, 494, 26-34 0
- 114 Evaluation of Blood Biochemistry and Cardiopulmonary status of Hospitalized Covid-19 Patients in 3 Months Post Discharged Follow up Survey. **2022**, 16, 117954842211193 0
- 113 Natural Language Processing for Improved Characterization of COVID-19 Symptoms: An Observational Study of 350,000 Patients in a Large Integrated Healthcare System (Preprint). 0
- 112 Cardiovascular-related conditions and risk factors in primary care for deprived communities before and during the COVID-19 pandemic: an observational study in Northern England. **2022**, 12, e066868 0
- 111 Flexible and Biocompatible Silk Fiber-Based Composite Phase Change Material for Personal Thermal Management. **2022**, 10, 16368-16376 1
- 110 An overview of viral mutagenesis and the impact on pathogenesis of SARS-CoV-2 variants. 13, 1
- 109 Common ECG Changes and Prognostic Importance of ECG Findings in Covid-19 Patients Presenting to the Emergency Department. **2022**, 12, 966-972 0
- 108 Hypertension related toxicity of chloroquine explains its failure against COVID-19: Based on rat model. 13, 0

107	Nanomaterials to combat SARS-CoV-2: Strategies to prevent, diagnose and treat COVID-19. 10,	0
106	Effects of underlying heart failure on outcomes of COVID-19; a systematic review and meta-analysis. 2022,	0
105	Bibliometric and visual analysis of cardiovascular diseases and COVID-19 research. 10,	0
104	Decreased Heart Rate Variability in COVID-19.	0
103	The Effect of E-learning on Knowledge, Attitude, and Practice Regarding COVID-19 in Heart Patients: A Quasi-experimental Study Without a Control Group. 2022, 14,	0
102	Pediatric endocrinopathies related to COVID-19: an update.	1
101	Hyperactive immature state and differential CXCR2 expression of neutrophils in severe COVID-19. 2023, 6, e202201658	0
100	Cardiac MRI in patients with COVID-19 infection.	0
99	Balancing treatment of COVID-19 with diabetes. 2022,	0
98	Cardiovascular Concerns from COVID-19 in Pilots. 2022, 93, 855-865	0
97	The relationship between cardiological parameters and PCR in patients with coronavirus infection: A cross-sectional study. 2022, 101, e31935	0
96	Whole patient knowledge modeling of COVID-19 symptomatology reveals common molecular mechanisms. 2,	0
95	Mucociliary transport deficiency and disease progression in Syrian hamsters with SARS-CoV-2 infection. 2023, 8,	0
94	Cardiovascular Complications in Coronavirus Disease 2019 Pathogenesis and Management. 2023, 44, 021-034	0
93	Bibliometric evaluation of 2020-2022 publications on COVID-19-related cardiovascular disease. 9,	0
92	Association among lifestyle and risk factors with SARS-CoV-2 infection.	1
91	Clinical profile and the extent of residual myocardial dysfunction among patients with previous coronavirus disease 2019.	0
90	Predictive factors for hospitalization in a cohort of primary healthcare patients with suspected COVID-19. 2023, 100168	0

- 89 Clinical implications of COVID-19 in patients with metabolic-associated fatty liver disease. 29, 487-502 ○
- 88 Associations between chronic conditions and death in hospital among adults (aged 20+ years) during first acute care hospitalizations with a confirmed or suspected COVID-19 diagnosis in Canada. **2023**, 18, e0280050 ○
- 87 Associations between sampling characteristics, nutritional supplemental taking and the SARS-CoV-2 infection onset in a cohort of Italian nurses. ○
- 86 COVID-19 immunopathology and cardiovascular diseases. 108155892211418 1
- 85 A Review on COVID-19: Primary Receptor, Endothelial Dysfunction, Related Comorbidities, and Therapeutics. ○
- 84 Two-Years Follow-Up of Symptoms and Return to Work in Complex Post-COVID-19 Patients. **2023**, 12, 741 1
- 83 COVID-19: Cardiology Perspective. **2023**, 361-388 ○
- 82 Factores de riesgo asociados al desarrollo de insuficiencia cardiaca Post COVID-19. **2022**, 2, 221 ○
- 81 A clinical case of SARS-CoV-2 infection complicated by acute respiratory distress syndrome, pulmonary edema, and heart failure in the presence of chronic venous congestion in a patient with chronic rheumatic heart disease. **2023**, 37, 174-179 ○
- 80 Massive Left Ventricular Thrombus in the Setting of COVID-19 Induced Systemic Thrombi. **2023**, 50, ○
- 79 Three-dimensional printing in cardiopulmonary disease. **2023**, 85-107 ○
- 78 The effect of CT-based cardiothoracic ratio on survival of COVID-19 patients. 1-11 ○
- 77 Blood pH and COVID-19. ○
- 76 Consenso de expertos sobre el diagnóstico y el tratamiento de la miocarditis asociada con infección o vacunación contra el SARS-CoV-2. **2023**, ○
- 75 miRNAomics in COVID-19. **2023**, 145-160 ○
- 74 Atherosclerosis, Cardiovascular Disorders and COVID-19: Comorbid Pathogenesis. **2023**, 13, 478 2
- 73 Molecular and immunological evidence for SARS-CoV-2 being the autoimmune virus. **2023**, 339-350 ○
- 72 Ambulatory blood pressure monitoring in treated patients with hypertension in the COVID-19 pandemic - The study of European society of hypertension (ESH ABPM COVID-19 study). **2023**, 32, ○

- 71 COVID-19 influence on cardiac function: a machine learning perspective on ECG analysis. ○
- 70 Treatment of patients with pericarditis with anti-inflammatory drugs. **2023**, 100, 509-519 1
- 69 Complicaciones Cardiovasculares asociadas a infección por SARS-CoV-2. Revisión Sistemática. 51, ○
- 68 The Coronavirus Pandemic and the Transformation of Telehealth in the Context of Artificial Intelligence. **2022**, ○
- 67 Antimalarials and macrolides: a review of off-label pharmacotherapies during the first wave of the SARS-CoV-2 pandemic. 59, ○
- 66 Using Machine Learning Methods in Identifying Genes Associated with COVID-19 in Cardiomyocytes and Cardiac Vascular Endothelial Cells. **2023**, 13, 1011 ○
- 65 AI-based wavelet and stacked deep learning architecture for detecting coronavirus (COVID-19) from chest X-ray images. **2023**, 108, 108711 ○
- 64 Ultradiluted SARS-CoV-2 Spike Protein mitigates hyperinflammation in lung via ferritin and MMP-9 regulation in BALB/c mice. **2023**, 329, 199091 ○
- 63 Post-acute sequelae of COVID-19 and cardiac outcomes in U. S. military members. **2023**, 17, 200183 ○
- 62 Predictors of intensive care unit length of stay and mortality among unvaccinated COVID-19 patients in Jordan. **2023**, 5, 100278 ○
- 61 Long-Term Impact of COVID-19 on Heart Rate Variability: A Systematic Review of Observational Studies. **2023**, 11, 1095 ○
- 60 The natural history of QTc interval and its clinical impact in coronavirus disease 2019 survivors after 1 year. 10, ○
- 59 A Comprehensive Mini-review on COVID-19 Pathogenesis on Perspectives of Cytokine Storm and Recent Developments in Anti-Covid Nucleotide Analogues. **2023**, 17, 1-11 ○
- 58 Thymus vulgaris, a natural pharmacy against COVID-19: A molecular review. **2023**, 38, 100635 1
- 57 Ultrasound during the COVID-19 Pandemic: A Global Approach. **2023**, 12, 1057 ○
- 56 A Systematic Review of Chest Imaging Findings in Long COVID Patients. **2023**, 13, 282 ○
- 55 ECG monitoring in patients recovered from COVID-19. **2023**, 24, 261-263 ○
- 54 The Careful Return of Sports Medicine Procedures in the United States During COVID-19: Comparison of Utilization, Patient Demographics, and Complications. **2023**, 19, 193-201 ○

- 53 Social Networks of COVID-19 in South Korea. 002190962311531 ○
- 52 Retrospective analysis of prognosis of tumor patients co-infected with COVID-19. ○
- 51 Comparison of COVID-19 Vaccine-Associated Myocarditis and Viral Myocarditis Pathology. **2023**, 11, 362 ○
- 50 The three facets of the SARS-CoV-2 pandemic during the first two waves in the northern, central, and southern Italy. **2023**, 16, 520-525 ○
- 49 Correspondence between Aortic and Arterial Stiffness, and Diastolic Dysfunction in Apparently Healthy Female Patients with Post-Acute COVID-19 Syndrome. **2023**, 11, 492 ○
- 48 Covid-19 and Heart Involvement: A Systematic Review of Literature. **2023**, 36, ○
- 47 **ONE WITH THE WIND**—The Transitory Effects of COVID-19 on the Gynecological System. **2023**, 13, 312 1
- 46 Lesão Miocárdica e Prognóstico em Pacientes Hospitalizados com COVID-19 no Brasil: Resultados do Registro Nacional de COVID-19. **2023**, 120, ○
- 45 Cardiovascular complications of the coronavirus disease (COVID-19). **2022**, 8, 6-14 ○
- 44 Editorial: Neuromodulation in COVID-19: From basic research to clinical applications. 14, ○
- 43 The role of interleukin-6 and janus kinases in the pathogenesis, and treatment of SARS-CoV-2. **2022**, 9, 17-32 ○
- 42 Impact of COVID-19 on Acute Myocardial Infarction Care. **2023**, 19, 221-229 ○
- 41 Interactions between the renin-angiotensin-aldosterone system and COVID-19. **2023**, 355-373 ○
- 40 A Review of Heart Failure in Patients with COVID-19. **2023**, ○
- 39 Oral Pathology in the Context of COVID-19: Perspectives Based on a Compilation of Literature Data. **2020**, 48, 517-531 ○
- 38 Acute Coronary Syndrome during the Pandemic New Coronavirus Infection. **2023**, 19, 65-70 ○
- 37 Arterial Hypertension and Severe COVID-19 in Hospitalized Patients: Data from a Cohort Study. **2023**, 19, 4-10 ○
- 36 Cellulose Nanocrystal-Based All-3D-Printed Pyro-Piezoelectric Nanogenerator for Hybrid Energy Harvesting and Self-Powered Cardiorespiratory Monitoring toward the Human-Machine Interface. ○

- 35 Comorbidities in the COVID-19 Pandemic: Scopus-Based Bibliometric Analysis. **2023**, 38, ○
- 34 How Does COVID-19 Affect the Heart?. **2023**, 25, 171-184 ○
- 33 Myocarditis related SARS-CoV-2 infection or vaccination: an expert consensus statement on its diagnosis and management. **2023**, ○
- 32 A Comprehensive Review of the Impact of the Renin Angiotensin System in the Liver, Lung, Infectious Diseases and Cancers. **2023**, 113-131 ○
- 31 Understanding the Renin-Angiotensin System in Coronavirus Disease 2019. **2023**, 79-93 ○
- 30 Left ventricular global longitudinal strain as a parameter of mild myocardial dysfunction in athletes after COVID-19. ○
- 29 Role of TGF- β Signaling in Coronavirus Disease 2019. **2022**, 9, 9 ○
- 28 Choroidal and Retinal Vascular Findings in Patients with COVID-19 Complicated with Pneumonia: Widefield Imaging. **2023**, 13, 1114 ○
- 27 SARS-Cov-2 Infection In Patients With Gaucher Disease: Why Is It Better Than Expected?. ○
- 26 Clinical Aspects Of Hypertensive Patients With COVID-19 Hospitalized In A Campaign Hospital In Northeast Brazil. **2023**, 36, ○
- 25 INFLUÊNCIAS SOCIOECONÔMICAS NOS DIAGNÓSTICOS DE COVID-19 EM IDOSOS NOS MUNICÍPIOS DE PERNAMBUCO. **2023**, 16, e1390 ○
- 24 The Effect of Environmental Responsibility on Green Consumption Intention: The Moderator Role of Price Sensitivity and the Mediator Role of Environmental Concern. A Case Study in Turkey. ○
- 23 The impact of COVID-19 on human body. 36, 1186-1192 ○
- 22 Early Serial Echocardiographic and Ultrasonographic Findings in Critically Ill Patients With COVID-19. **2023**, 100002 ○
- 21 Kışın Krizlerin Türk Lojistik Sektörüne Etkileri: 2008 Kışın Finansal Krizi ve COVID-19 Sektör Krizi. ○
- 20 Anti-inflammatory effects of sodium-glucose cotransporter-2 inhibitors in COVID-19. ○
- 19 Cardiovascular magnetic resonance for evaluation of cardiac involvement in COVID-19: recommendations by the Society for Cardiovascular Magnetic Resonance. **2023**, 25, ○
- 18 UROLOGICAL PRESENTATION OF PATIENTS WITH COVID-19 IN NINEVAH, IRAQ. ○

- 17 Clinical Profile and Risk Factors for Severe COVID-19 in Hospitalized Patients from Rio de Janeiro, Brazil: Comparison between the First and Second Pandemic Waves. **2023**, 12, 2568
- 16 The community proactive health management model based on the grounded theory: The case of Beijing, China. **2023**, 9, e14992
- 15 Pregnancy-specific responses to COVID-19 revealed by high-throughput proteomics of human plasma. **2023**, 3,
- 14 eLearning Acceptance and Adoption Challenges in Higher Education. **2023**, 15, 6190
- 13 Revisiting the COVID-19 Pandemic: An Insight into Long-Term Post-COVID Complications and Repurposing of Drugs. **2023**, 3, 494-519
- 12 Echocardiographic manifestations during the first 3 months after an episode of COVID-19 and their relationship with disease severity and persistence of symptoms. **2023**,
- 11 Does prolonged QTc predict pulmonary involvement in COVID-19 patients?. 1-6
- 10 Antiviral Potential of Curcumins: Ethnopharmacology, Chemistry, and Clinical Studies Focusing on Mechanism of Action and Future Perspectives. **2023**, 1-36
- 9 COVID-19-Induced Complete Heart Block: Case Series and Literature Review. **2023**,
- 8 Pupillographic Analysis of COVID-19 Patients: Early and Late Results After Recovery.
- 7 Associations of polymorphisms of the <i>ACE</i> and <i>ACE2</i> genes with clinical manifestations and cardiovascular complications of the coronavirus infection. **2023**, 25, 145-154
- 6 Understanding COVID-19-related myocarditis: pathophysiology, diagnosis, and treatment strategies. Publish Ahead of Print,
- 5 The role of the renin-angiotensin-aldosterone system in the development of cardiovascular complications in COVID-19. **2023**, 14, 98-118
- 4 Successive Waves of the COVID-19 Pandemic Had an Increasing Impact on Chronic Cardiovascular Patients in a Western Region of Romania. **2023**, 11, 1183
- 3 Prevalence and Clinical Outcomes of Cardiovascular Manifestations in Patients with COVID-19 in Qatar.
- 2 COVID-19-induced Acute Coronary Syndrome: A Review of 77 Cases. **2023**, 11, 124-128
- 1 Clinical Outcome Comparison of Patients Requiring Extracorporeal Membrane Oxygenation With or Without COVID-19 Infection. **2023**,