Multiorgan and Renal Tropism of SARS-CoV-2

New England Journal of Medicine 383, 590-592

DOI: 10.1056/nejmc2011400

Citation Report

#	Article	IF	CITATIONS
1	Pneumonia in the face of COVID-19. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L863-L866.	1.3	5
2	Severe Acute Respiratory Syndrome Coronavirus 2, COVID-19, and the Renin-Angiotensin System. Hypertension, 2020, 76, 1350-1367.	1.3	46
3	Subcutaneous injection of IFN alpha-2b for COVID-19: an observational study. BMC Infectious Diseases, 2020, 20, 723.	1.3	32
4	Severe Acute Respiratory Syndrome Coronavirus 2 Infection and Parkinsonism: Is There Evidence for Concern?. Movement Disorders, 2020, 35, 1725-1725.	2.2	3
5	The Potential Role of Coagulation Factor Xa in the Pathophysiology of COVID-19: A Role for Anticoagulants as Multimodal Therapeutic Agents. TH Open, 2020, 04, e288-e299.	0.7	23
6	Soluble Urokinase Receptor (SuPAR) in COVID-19–Related AKI. Journal of the American Society of Nephrology: JASN, 2020, 31, 2725-2735.	3.0	93
7	ACE2/ADAM17/TMPRSS2 Interplay May Be the Main Risk Factor for COVID-19. Frontiers in Immunology, 2020, 11, 576745.	2.2	187
8	Viral presence and immunopathology in patients with lethal COVID-19: a prospective autopsy cohort study. Lancet Microbe, The, 2020, 1 , e290-e299.	3.4	422
9	A Single-Cell RNA Expression Map of Human Coronavirus Entry Factors. Cell Reports, 2020, 32, 108175.	2.9	215
10	Pathological changes in the lungs and lymphatic organs of 12 COVID-19 autopsy cases. National Science Review, 2020, 7, 1868-1878.	4.6	52
11	Descriptive, Retrospective Study of the Clinical Characteristics of Asymptomatic COVID-19 Patients. MSphere, 2020, 5, .	1.3	39
12	The Model for End-Stage Liver Disease-Sodium Score at Admission Is Prognostic of Covid-19 Disease Severity. SN Comprehensive Clinical Medicine, 2020, 2, 1978-1982.	0.3	6
14	COVID-19 and Gastrointestinal Disease: Implications for the Gastroenterologist. Digestive Diseases, 2021, 39, 119-139.	0.8	88
15	Does SARS-CoV-2 Infect the Kidney?. Journal of the American Society of Nephrology: JASN, 2020, 31, 2746-2748.	3.0	43
17	Quantitative assessment of olfactory dysfunction accurately detects asymptomatic COVID-19 carriers. EClinicalMedicine, 2020, 28, 100575.	3.2	35
18	Livedo reticularis as a presenting sign of severe acute respiratory syndrome coronavirus 2 infection. JAAD Case Reports, 2020, 6, 871-874.	0.4	20
19	Anti–SARS-CoV-2 antibodies in the CSF, blood-brain barrier dysfunction, and neurological outcome. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	110
20	Ultrastructure of cell trafficking pathways and coronavirus: how to recognise the wolf amongst the sheep. Journal of Pathology, 2020, 252, 346-357.	2.1	13

#	Article	IF	CITATIONS
21	Autopsy Services and Emergency Preparedness of a Tertiary Academic Hospital Mortuary for the COVID-19 Public Health Emergency: The Yale Plan. Advances in Anatomic Pathology, 2020, 27, 355-362.	2.4	6
22	Urinary Peptides Significantly Associate with COVIDâ€19 Severity: Pilot Proofâ€ofâ€Principle Data and Design of a Multicentric Diagnostic Study. Proteomics, 2020, 20, 2000202.	1.3	27
23	SARS-CoV-2 receptor networks in diabetic and COVID-19–associated kidney disease. Kidney International, 2020, 98, 1502-1518.	2.6	64
24	The association of ABO blood group with indices of disease severity and multiorgan dysfunction in COVID-19. Blood Advances, 2020, 4, 4981-4989.	2.5	128
25	SARS-CoV-2 Infects the Brain Choroid Plexus and Disrupts the Blood-CSF Barrier in Human Brain Organoids. Cell Stem Cell, 2020, 27, 951-961.e5.	5.2	388
26	COVID-19-associated acute kidney injury: consensus report of the 25th Acute Disease Quality Initiative (ADQI) Workgroup. Nature Reviews Nephrology, 2020, 16, 747-764.	4.1	466
27	Cytokine elevation in severe and critical COVID-19: a rapid systematic review, meta-analysis, and comparison with other inflammatory syndromes. Lancet Respiratory Medicine, the, 2020, 8, 1233-1244.	5.2	661
28	Acute pericarditis and severe acute respiratory syndrome coronavirus 2: Case report. International Journal of Infectious Diseases, 2020, 101, 180-182.	1.5	13
29	Role of angiotensin-converting enzyme 2 and pericytes in cardiac complications of COVID-19 infection. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H1059-H1068.	1.5	39
30	Neuropathology of patients with COVID-19 in Germany: a post-mortem case series. Lancet Neurology, The, 2020, 19, 919-929.	4.9	957
31	Implications of Sex Differences in Immunity for SARS-CoV-2 Pathogenesis and Design of Therapeutic Interventions. Immunity, 2020, 53, 487-495.	6.6	127
32	Parameters predicting COVID-19-induced myocardial injury and mortality. Life Sciences, 2020, 260, 118400.	2.0	28
33	Minimal Change Disease With Nephrotic Syndrome Associated With Coronavirus Disease 2019 After Apolipoprotein L1 Risk Variant Kidney Transplant: A Case Report. Transplantation Proceedings, 2020, 52, 2693-2697.	0.3	14
34	Severe Acute Respiratory Syndrome Coronavirus 2 RNA in Plasma Is Associated With Intensive Care Unit Admission and Mortality in Patients Hospitalized With Coronavirus Disease 2019. Clinical Infectious Diseases, 2021, 73, e799-e802.	2.9	62
35	COVID-19 and cardiovascular disease: from basic mechanisms to clinical perspectives. Nature Reviews Cardiology, 2020, 17, 543-558.	6.1	999
36	COVID-19 and the kidney: what we think we know so far and what we don't. Journal of Nephrology, 2020, 33, 1213-1218.	0.9	91
37	The Natural History, Pathobiology, and Clinical Manifestations of SARS-CoV-2 Infections. Journal of NeuroImmune Pharmacology, 2020, 15, 359-386.	2.1	391
38	Severe acute respiratory syndrome coronavirus 2 infection risk during elective periâ€operative care: a narrative review. Anaesthesia, 2020, 75, 1648-1658.	1.8	5

#	Article	IF	Citations
39	Covidâ€19, ACE2 and the kidney. Acta Physiologica, 2020, 230, e13539.	1.8	29
40	Emerging Neurology of COVID-19. Neurohospitalist, The, 2020, 10, 281-286.	0.3	8
41	COVID-19–Associated Kidney Injury: A Case Series of Kidney Biopsy Findings. Journal of the American Society of Nephrology: JASN, 2020, 31, 1948-1958.	3.0	274
42	Diabetes and Novel Coronavirus Infection: Implications for Treatment. Diabetes Therapy, 2020, 11, 1915-1924.	1.2	6
43	The spectrum of pathological findings in coronavirus disease (COVID-19) and the pathogenesis of SARS-CoV-2. Diagnostic Pathology, 2020, 15, 85.	0.9	28
44	COVID-19 and Rhabdomyolysis. Journal of General Internal Medicine, 2020, 35, 3087-3090.	1.3	29
45	Lessons for COVID-19 Immunity from Other Coronavirus Infections. Immunity, 2020, 53, 248-263.	6.6	281
46	Absolute lymphocyte count is a prognostic marker in Covidâ€19: A retrospective cohort review. International Journal of Laboratory Hematology, 2020, 42, 761-765.	0.7	78
47	Lower-extremity Arterial Thrombosis Associated with COVID-19 Is Characterized by Greater Thrombus Burden and Increased Rate of Amputation and Death. Radiology, 2020, 297, E263-E269.	3.6	66
48	AKI in Hospitalized Patients with and without COVID-19: A Comparison Study. Journal of the American Society of Nephrology: JASN, 2020, 31, 2145-2157.	3.0	256
49	Histopathologic and Ultrastructural Findings in Postmortem Kidney Biopsy Material in 12 Patients with AKI and COVID-19. Journal of the American Society of Nephrology: JASN, 2020, 31, 1944-1947.	3.0	127
50	COVID-19: Coagulopathy, Risk of Thrombosis, and the Rationale for Anticoagulation. Clinical and Applied Thrombosis/Hemostasis, 2020, 26, 107602962093814.	0.7	304
51	Mortality rate of acute kidney injury in SARS, MERS, and COVID-19 infection: a systematic review and meta-analysis. Critical Care, 2020, 24, 439.	2.5	35
52	Kidney Biopsy Findings in Patients with COVID-19. Journal of the American Society of Nephrology: JASN, 2020, 31, 1959-1968.	3.0	301
53	Renal dysfunction in hospitalised children with COVID-19. The Lancet Child and Adolescent Health, 2020, 4, e28-e29.	2.7	69
54	Appearances Can Be Deceiving - Viral-like Inclusions in COVID-19 Negative Renal Biopsies by Electron Microscopy. Kidney360, 2020, 1, 824-828.	0.9	14
55	Biological Context Linking Hypertension and Higher Risk for COVID-19 Severity. Frontiers in Physiology, 2020, 11, 599729.	1.3	9
56	Obesity, abdominal organ size and COVID-19 severity. Medical Hypotheses, 2020, 144, 110279.	0.8	1

#	Article	IF	CITATIONS
57	Renal Carcinoma Is Associated With Increased Risk of Coronavirus Infections. Frontiers in Molecular Biosciences, 2020, 7, 579422.	1.6	12
58	Hypertension and renin-angiotensin system blockers are not associated with expression of angiotensin-converting enzyme 2 (ACE2) in the kidney. European Heart Journal, 2020, 41, 4580-4588.	1.0	41
59	Does Severe Acute Respiratory Syndrome Coronavirus 2 Cause Sepsis?. Critical Care Medicine, 2020, 48, 1707-1709.	0.4	17
60	Modeling Multi-organ Infection by SARS-CoV-2ÂUsing Stem Cell Technology. Cell Stem Cell, 2020, 27, 859-868.	5.2	27
61	Comparison of different anticoagulation strategies for renal replacement therapy in critically ill patients with COVID-19: a cohort study. BMC Nephrology, 2020, 21, 486.	0.8	20
62	Temporal <i>In Vitro</i> Raman Spectroscopy for Monitoring Replication Kinetics of Epstein–Barr Virus Infection in Glial Cells. ACS Omega, 2020, 5, 29547-29560.	1.6	29
63	Delirium Associated with Salicylate and Acetaminophen Overdose in a Patient with COVID-19: A Case Report. Clinical Practice and Cases in Emergency Medicine, 2020, 4, 517-520.	0.1	2
64	Camostat Mesylate May Reduce Severity of Coronavirus Disease 2019 Sepsis: A First Observation., 2020, 2, e0284.		39
66	Can COVID-19 pandemic boost the epidemic of neurodegenerative diseases?. Biology Direct, 2020, 15, 28.	1.9	44
67	ADAMTS13 activity to von Willebrand factor antigen ratio predicts acute kidney injury in patients with COVIDâ€19: Evidence of SARS oVâ€2 induced secondary thrombotic microangiopathy. International Journal of Laboratory Hematology, 2021, 43, 129-136.	0.7	49
68	Covid-19-Associated Pulmonary Aspergillosis: The Other Side of the Coin. Vaccines, 2020, 8, 713.	2.1	23
69	Early versus late acute kidney injury among patients with COVID-19—a multicenter study from Wuhan, China. Nephrology Dialysis Transplantation, 2020, 35, 2095-2102.	0.4	30
70	"Neurological manifestations of COVID-19â€⊷ guidelineÂof the German society of neurology. Neurological Research and Practice, 2020, 2, 51.	1.0	71
71	Complications and Pathophysiology of COVID-19 in the Nervous System. Frontiers in Neurology, 2020, 11, 573421.	1.1	22
72	A COVID-19 exemption code to ensure post-recovery care: From the territory a proposal for the Apulia Region government. EClinicalMedicine, 2020, 26, 100516.	3.2	0
73	Cognitive and Neuropsychiatric Manifestations of COVID-19 and Effects on Elderly Individuals With Dementia. Frontiers in Aging Neuroscience, 2020, 12, 588872.	1.7	131
74	Infection of human sweat glands by SARS-CoV-2. Cell Discovery, 2020, 6, 84.	3.1	35
75	COVID-19 and Undiagnosed Pre-diabetes or Diabetes Mellitus Among International Migrant Workers in Singapore. Frontiers in Public Health, 2020, 8, 584249.	1.3	17

#	Article	IF	CITATIONS
76	Coronavirus Infection of the Central Nervous System: Animal Models in the Time of COVID-19. Frontiers in Veterinary Science, 2020, 7, 584673.	0.9	3
77	COVID-19 Extrapulmonary illness - The Impact of COVID-19 on Nephrology care. Disease-a-Month, 2020, 66, 101057.	0.4	4
78	Rationale for Medium Cutoff Membranes in COVID-19 Patients Requiring Renal Replacement Therapy. Nephron, 2020, 144, 550-554.	0.9	10
79	Deficiency of Tfh Cells and Germinal Center in Deceased COVID-19 Patients. Current Medical Science, 2020, 40, 618-624.	0.7	51
80	SARS-CoV-2 causes a specific dysfunction of the kidney proximal tubule. Kidney International, 2020, 98, 1296-1307.	2.6	173
81	High-Flow Nasal Cannula in Critically III Patients with Severe COVID-19. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1039-1042.	2.5	191
82	Increased Hepatic ACE2 Expression in NAFL and Diabetesâ€"A Risk for COVID-19 Patients?. Diabetes Care, 2020, 43, e134-e136.	4.3	26
83	Autopsies of COVID-19 deceased? Absolutely!. Legal Medicine, 2020, 47, 101769.	0.6	51
84	Non-neuronal expression of SARS-CoV-2 entry genes in the olfactory system suggests mechanisms underlying COVID-19-associated anosmia. Science Advances, 2020, 6, .	4.7	865
86	The Chief Scientist Office Cardiovascular and Pulmonary Imaging in SARS Coronavirus disease-19 (CISCO-19) study. Cardiovascular Research, 2020, 116, 2185-2196.	1.8	31
87	COVID-19: A Review on Diagnosis, Treatment, and Prophylaxis. International Journal of Molecular Sciences, 2020, 21, 5145.	1.8	18
88	Case characteristics, resource use, and outcomes of 10â€^021 patients with COVID-19 admitted to 920 German hospitals: an observational study. Lancet Respiratory Medicine, the, 2020, 8, 853-862.	5.2	628
89	Spatial and temporal dynamics of SARS-CoV-2 in COVID-19 patients: A systematic review and meta-analysis. EBioMedicine, 2020, 58, 102916.	2.7	95
90	Drug Discovery Strategies for SARS-CoV-2. Journal of Pharmacology and Experimental Therapeutics, 2020, 375, 127-138.	1.3	83
91	COVID-19 and the Kidneys: An Update. Frontiers in Medicine, 2020, 7, 423.	1.2	79
92	Organ-specific manifestations of COVID-19 infection. Clinical and Experimental Medicine, 2020, 20, 493-506.	1.9	351
93	Postmortem Kidney Pathology Findings in Patients with COVID-19. Journal of the American Society of Nephrology: JASN, 2020, 31, 2158-2167.	3.0	241
94	Hypertension and related diseases in the era of COVID-19: a report from the Japanese Society of Hypertension Task Force on COVID-19. Hypertension Research, 2020, 43, 1028-1046.	1.5	131

#	Article	IF	Citations
95	The kidney and COVID-19 patients – Important considerations. Travel Medicine and Infectious Disease, 2020, 37, 101831.	1.5	23
96	SARS-CoV-2 infects human neural progenitor cells and brain organoids. Cell Research, 2020, 30, 928-931.	5 . 7	267
97	Endothelial dysfunction in COVID-19: a position paper of the ESC Working Group for Atherosclerosis and Vascular Biology, and the ESC Council of Basic Cardiovascular Science. Cardiovascular Research, 2020, 116, 2177-2184.	1.8	331
98	Spectrum of podocytopathies in new-onset nephrotic syndrome following COVID-19 disease: a report of 2 cases. BMC Nephrology, 2020, 21, 326.	0.8	41
99	Roles of flavonoids against coronavirus infection. Chemico-Biological Interactions, 2020, 328, 109211.	1.7	252
100	COVID-19 and gastrointestinal symptoms: the dust has not settled yet. Expert Review of Gastroenterology and Hepatology, 2020, 14, 877-878.	1.4	3
101	Allograft infiltration and meningoencephalitis by SARSâ€CoVâ€2 in a pancreasâ€kidney transplant recipient. American Journal of Transplantation, 2020, 20, 3216-3220.	2.6	44
102	Ferritin levels in patients with COVIDâ€19: A poor predictor of mortality and hemophagocytic lymphohistiocytosis. International Journal of Laboratory Hematology, 2020, 42, 773-779.	0.7	51
103	Tackling challenges in care of Alzheimer's disease and other dementias amid the COVIDâ€19 pandemic, now and in the future. Alzheimer's and Dementia, 2020, 16, 1571-1581.	0.4	122
104	New Insights Into the Renin-Angiotensin System in Chronic Kidney Disease. Circulation Research, 2020, 127, 607-609.	2.0	12
105	Authors' Reply. Journal of the American Society of Nephrology: JASN, 2020, 31, 2225-2226.	3.0	4
106	SARS-CoV-2 renal tropism associates with acute kidney injury. Lancet, The, 2020, 396, 597-598.	6.3	253
108	Cardiovascular Manifestations and Mechanisms in Patients with COVID-19. Trends in Endocrinology and Metabolism, 2020, 31, 893-904.	3.1	49
109	COVID-19-Induced Neurovascular Injury: a Case Series with Emphasis on Pathophysiological Mechanisms. SN Comprehensive Clinical Medicine, 2020, 2, 2109-2125.	0.3	19
110	The COVID-19 nephrology compendium: AKI, CKD, ESKD and transplantation. BMC Nephrology, 2020, 21, 449.	0.8	61
111	\hat{l}^2 -Coronaviruses Use Lysosomes for Egress Instead of the Biosynthetic Secretory Pathway. Cell, 2020, 183, 1520-1535.e14.	13.5	441
112	A 21st Century Evil: Immunopathology and New Therapies of COVID-19. Frontiers in Immunology, 2020, 11, 562264.	2.2	8
113	ssRNA Virus and Host Lipid Rearrangements: Is There a Role for Lipid Droplets in SARS-CoV-2 Infection?. Frontiers in Molecular Biosciences, 2020, 7, 578964.	1.6	26

#	Article	IF	Citations
114	Hypothesis: What is the Best We Can Do with Hydroxychloroquine for COVID-19?. Clinical Epidemiology, 2020, Volume 12, 1139-1144.	1.5	2
115	SARS-CoV-2 viral load is associated with increased disease severity and mortality. Nature Communications, 2020, $11,5493$.	5.8	702
116	Myoclonus in Patients With Coronavirus Disease 2019: A Multicenter Case Series. Critical Care Medicine, 2020, 48, 1664-1669.	0.4	33
117	Severe Acute Respiratory Syndrome Coronavirus 2 RNA in Serum as Predictor of Severe Outcome in Coronavirus Disease 2019: A Retrospective Cohort Study. Clinical Infectious Diseases, 2021, 73, e2995-e3001.	2.9	7 5
118	Preliminary Exploration of the Cause of Liver Disorders During Early Stages in COVID-19 Patients. Frontiers in Medicine, 2020, 7, 501.	1.2	3
119	The clinical characteristics of coronavirus-associated nephropathy. Nephrology Dialysis Transplantation, 2020, 35, 1279-1281.	0.4	14
120	Kidney function on admission predicts in-hospital mortality in COVID-19. PLoS ONE, 2020, 15, e0238680.	1.1	35
121	Immunological considerations for COVID-19 vaccine strategies. Nature Reviews Immunology, 2020, 20, 615-632.	10.6	806
122	Acute kidney injury during the COVID-19 outbreak. Nephrology Dialysis Transplantation, 2020, 35, 1635-1641.	0.4	3
123	Prognostic utility of quantitative offline 2Dâ€echocardiography in hospitalized patients with COVIDâ€19 disease. Echocardiography, 2020, 37, 2029-2039.	0.3	41
124	Human iPSCâ€Derived Bloodâ€Brain Barrier Models: Valuable Tools for Preclinical Drug Discovery and Development?. Current Protocols in Stem Cell Biology, 2020, 55, e122.	3.0	26
125	SARS-CoV-2 infects and induces cytotoxic effects in human cardiomyocytes. Cardiovascular Research, 2020, 116, 2207-2215.	1.8	189
126	COVID-19 can affect the heart. Science, 2020, 370, 408-409.	6.0	95
127	Complex Immunometabolic Profiling Reveals the Activation of Cellular Immunity and Biliary Lesions in Patients with Severe COVID-19. Journal of Clinical Medicine, 2020, 9, 3000.	1.0	2
128	Human Pluripotent Stem Cell-Derived Neural Cells and Brain Organoids Reveal SARS-CoV-2 Neurotropism Predominates in Choroid Plexus Epithelium. Cell Stem Cell, 2020, 27, 937-950.e9.	5.2	314
129	Endotheliopathy Is Induced by Plasma From Critically III Patients and Associated With Organ Failure in Severe COVID-19. Circulation, 2020, 142, 1881-1884.	1.6	69
130	Free fatty acid binding pocket in the locked structure of SARS-CoV-2 spike protein. Science, 2020, 370, 725-730.	6.0	348
131	Lifting the mask on neurological manifestations of COVID-19. Nature Reviews Neurology, 2020, 16, 636-644.	4.9	344

#	Article	IF	CITATIONS
132	Immune responses during COVID-19 infection. Oncolmmunology, 2020, 9, 1807836.	2.1	103
133	Correlates of critical illness-related encephalopathy predominate postmortem COVID-19 neuropathology. Acta Neuropathologica, 2020, 140, 583-586.	3.9	117
134	SARS-CoV-2 in the kidney: bystander or culprit?. Nature Reviews Nephrology, 2020, 16, 703-704.	4.1	30
135	Case 29-2020: A 66-Year-Old Man with Fever and Shortness of Breath after Liver Transplantation. New England Journal of Medicine, 2020, 383, 1168-1180.	13.9	9
136	De Novo ANCA-Associated Vasculitis WithÂGlomerulonephritis in COVID-19. Kidney International Reports, 2020, 5, 2079-2083.	0.4	112
137	<scp>COVID</scp> â€19: getting to the heart of the matter. European Journal of Heart Failure, 2020, 22, 2216-2218.	2.9	1
138	COVID-19 and Diabetes: A Collision and Collusion of Two Diseases. Diabetes, 2020, 69, 2549-2565.	0.3	91
139	How to Survive COVIDâ€19 Even If the Vaccine Fails. Hepatology Communications, 2020, 4, 1864-1879.	2.0	1
140	Lessons for the clinical nephrologist: recurrence of nephrotic syndrome induced by SARS-CoV-2. Journal of Nephrology, 2020, 33, 1369-1372.	0.9	15
141	Invasive Fungal Disease Complicating Coronavirus Disease 2019: When It Rains, It Spores. Clinical Infectious Diseases, 2021, 73, e1645-e1648.	2.9	101
142	Acute kidney injury and kidney replacement therapy in COVID-19: a systematic review and meta-analysis. CKJ: Clinical Kidney Journal, 2020, 13, 550-563.	1.4	75
143	MicroRNAs targeting the SARS-CoV-2 entry receptor ACE2 in cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2020, 148, 46-49.	0.9	85
144	Proximal tubular dysfunction in patients with COVID-19: what have we learnt so far?. Kidney International, 2020, 98, 1092-1094.	2.6	17
146	Virological Characterization of the First 2 COVID-19 Patients Diagnosed in Italy: Phylogenetic Analysis, Virus Shedding Profile From Different Body Sites, and Antibody Response Kinetics. Open Forum Infectious Diseases, 2020, 7, ofaa403.	0.4	17
147	The Enigma of Endothelium in COVID-19. Frontiers in Physiology, 2020, 11, 989.	1.3	70
149	Cerebrospinal fluid findings in COVID-19 patients with neurological symptoms. Journal of the Neurological Sciences, 2020, 418, 117090.	0.3	125
150	Case 26-2020: A 60-Year-Old Woman with Altered Mental Status and Weakness on the Left Side. New England Journal of Medicine, 2020, 383, 764-773.	13.9	14
151	Bilateral Basal Ganglia Hemorrhage in a Patient with Confirmed COVID-19. American Journal of Neuroradiology, 2020, 41, 1797-1799.	1.2	12

#	Article	IF	CITATIONS
152	Clinicopathological Features and Outcomes of Acute Kidney Injury in Critically Ill COVID-19 with Prolonged Disease Course: A Retrospective Cohort. Journal of the American Society of Nephrology: JASN, 2020, 31, 2205-2221.	3.0	86
153	Implications for the Care of Patients With COVID-19 and Inflammatory Myocardial Diseaseâ€"Reply. JAMA Cardiology, 2020, 5, 1306.	3.0	1
154	COVID-19 and possible links with Parkinson's disease and parkinsonism: from bench to bedside. Npj Parkinson's Disease, 2020, 6, 18.	2.5	120
155	Comparative evaluation of clinical manifestations and risk of death in patients admitted to hospital with covid-19 and seasonal influenza: cohort study. BMJ, The, 2020, 371, m4677.	3.0	129
156	Liver Disease and Coronavirus Disease 2019: From Pathogenesis to Clinical Care. Hepatology, 2021, 74, 1088-1100.	3.6	58
157	Glomerular filtration barrier dysfunction in a self-limiting, RNA virus-induced glomerulopathy resembles findings in idiopathic nephrotic syndromes. Scientific Reports, 2020, 10, 19117.	1.6	13
158	Evidence of SARS-CoV-2 Transcriptional Activity in Cardiomyocytes of COVID-19 Patients without Clinical Signs of Cardiac Involvement. Biomedicines, 2020, 8, 626.	1.4	67
159	Higher Mortality and Intensive Care Unit Admissions in COVID-19 Patients with Liver Enzyme Elevations. Microorganisms, 2020, 8, 2010.	1.6	8
160	SARS-CoV-2 Is Not Detected in the Cerebrospinal Fluid of Encephalopathic COVID-19 Patients. Frontiers in Neurology, 2020, 11, 587384.	1.1	23
161	What Open-Lung Biopsy Teaches Us about ARDS in COVID-19 Patients: Mechanisms, Pathology, and Therapeutic Implications. BioMed Research International, 2020, 2020, 1-11.	0.9	7
162	Acute kidney injury in COVID 19 – an update on pathophysiology and management modalities. Archives of Physiology and Biochemistry, 2020, , 1-14.	1.0	7
163	Association of SARS-CoV-2 renal tropism with acute kidney injury – Authors' reply. Lancet, The, 2020, 396, 1881-1882.	6.3	5
164	Outcomes of COVID-19 Among Hospitalized Patients With Non-dialysis CKD. Frontiers in Medicine, 2020, 7, 615312.	1.2	9
166	An unexplained death after routine cardiac surgery: how long have we dealt with coronavirus disease 2019?. Interactive Cardiovascular and Thoracic Surgery, 2020, 31, 904-905.	0.5	3
167	Quantification of Neurological Blood-Based Biomarkers in Critically III Patients With Coronavirus Disease 2019., 2020, 2, e0238.		39
168	Blood molecular markers associated with COVIDâ€19 immunopathology and multiâ€organ damage. EMBO Journal, 2020, 39, e105896.	3.5	123
170	Severe Acute Respiratory Syndrome-Coronavirus-2 (SARS-CoV-2): A Perspective Through the Lens of the Veterinary Diagnostic Laboratory. Frontiers in Veterinary Science, 2020, 7, 576267.	0.9	2
171	More than Pneumonia: Distinctive Features of SARS-Cov-2 Infection. From Autopsy Findings to Clinical Implications: A Systematic Review. Microorganisms, 2020, 8, 1642.	1.6	33

#	Article	IF	CITATIONS
172	Potential neuroinvasive pathways of SARSâ€CoVâ€2: Deciphering the spectrum of neurological deficit seen in coronavirus diseaseâ€2019 (COVIDâ€19). Journal of Medical Virology, 2020, 92, 1845-1857.	2.5	105
173	Perceptions of Occupational Risk and Changes in Clinical Practice of United States Vitreoretinal Surgery Fellows during the COVID-19 Pandemic. Ophthalmology Retina, 2020, 4, 1181-1187.	1.2	10
174	SARSâ€CoVâ€2 as an extrahepatic precipitator of acuteâ€onâ€chronic liver failure. Liver International, 2020, 40, 1792-1793.	1.9	11
175	Involvement of cardiovascular system as the critical point in coronavirus disease 2019 (COVID-19) prognosis and recovery. Hellenic Journal of Cardiology, 2020, 61, 381-395.	0.4	43
176	Autoinflammatory and autoimmune conditions at the crossroad of COVID-19. Journal of Autoimmunity, 2020, 114, 102506.	3.0	248
177	Flattening the COVID-19 Curve With Natural Killer Cell Based Immunotherapies. Frontiers in Immunology, 2020, 11, 1512.	2.2	126
178	Dying with SARS-CoV-2 infectionâ€"an autopsy study of the first consecutive 80 cases in Hamburg, Germany. International Journal of Legal Medicine, 2020, 134, 1275-1284.	1.2	361
179	Autopsy of patients with COVID-19: A balance of fear and curiosity. Pathology Research and Practice, 2020, 216, 153039.	1.0	10
180	Kidney Infarction in Patients With COVID-19. American Journal of Kidney Diseases, 2020, 76, 431-435.	2.1	72
181	Corona deaths in Hamburg, Germany. International Journal of Legal Medicine, 2020, 134, 1267-1269.	1.2	6
182	The international European Academy of Neurology survey on neurological symptoms in patients with COVIDâ€19 infection. European Journal of Neurology, 2020, 27, 1727-1737.	1.7	90
183	Severe COVID-19 and aging: are monocytes the key?. GeroScience, 2020, 42, 1051-1061.	2.1	118
184	Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19. BMC Neurology, 2020, 20, 248.	0.8	108
185	Acute kidney injury in critically ill patients with COVID-19. Intensive Care Medicine, 2020, 46, 1339-1348.	3.9	385
186	AKI and Collapsing Glomerulopathy Associated with COVID-19 and APOL 1 High-Risk Genotype. Journal of the American Society of Nephrology: JASN, 2020, 31, 1688-1695.	3.0	204
187	Electron microscopy of SARS-CoV-2: a challenging task – Authors' reply. Lancet, The, 2020, 395, e100.	6.3	64
188	Neuropathology of COVIDâ€19: where are the neuropathologists?. Brain Pathology, 2020, 30, 729-729.	2.1	11
189	Next-Generation Sequencing of T and B Cell Receptor Repertoires from COVID-19 Patients Showed Signatures Associated with Severity of Disease. Immunity, 2020, 53, 442-455.e4.	6.6	281

#	Article	IF	CITATIONS
190	Impact of Severe Acute Respiratory Syndrome Coronavirus 2 Viral Load on Risk of Intubation and Mortality Among Hospitalized Patients With Coronavirus Disease 2019. Clinical Infectious Diseases, 2021, 73, e4197-e4205.	2.9	337
191	Rhabdomyolysis as an initial presentation in a patient diagnosed with COVID-19. BMJ Case Reports, 2020, 13, e236719.	0.2	41
192	Autopsy registry can facilitate <scp>COVID</scp> â€19 research. EMBO Molecular Medicine, 2020, 12, e12885.	3.3	20
193	SARS-CoV-2 Dissemination Through Peripheral Nerves Explains Multiple Organ Injury. Frontiers in Cellular Neuroscience, 2020, 14, 229.	1.8	64
194	COVID-19 and the Chemical Senses: Supporting Players Take Center Stage. Neuron, 2020, 107, 219-233.	3.8	256
195	Human iPSC-Derived Cardiomyocytes Are Susceptible to SARS-CoV-2 Infection. Cell Reports Medicine, 2020, 1, 100052.	3.3	232
197	Microvascular injury and hypoxic damage: emerging neuropathological signatures in COVID-19. Acta Neuropathologica, 2020, 140, 397-400.	3.9	85
198	Pulmonary pathology and COVID-19: lessons from autopsy. The experience of European Pulmonary Pathologists. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2020, 477, 359-372.	1.4	237
199	On the potential role of exosomes in the COVID-19 reinfection/reactivation opportunity. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5831-5842.	2.0	56
200	COVIDâ€19 and hypertension—evidence and practical management: Guidance from the HOPE Asia Network. Journal of Clinical Hypertension, 2020, 22, 1109-1119.	1.0	45
201	Implications of SARS-CoV-2 Mutations for Genomic RNA Structure and Host microRNA Targeting. International Journal of Molecular Sciences, 2020, 21, 4807.	1.8	65
202	Cardiac Troponin for Assessment of Myocardial Injury in COVID-19. Journal of the American College of Cardiology, 2020, 76, 1244-1258.	1.2	322
203	Devilishly radical NETwork in COVID-19: Oxidative stress, neutrophil extracellular traps (NETs), and T cell suppression. Advances in Biological Regulation, 2020, 77, 100741.	1.4	172
204	COVID-19 Associated Pulmonary Aspergillosis (CAPA)—From Immunology to Treatment. Journal of Fungi (Basel, Switzerland), 2020, 6, 91.	1.5	292
205	Immunology of COVIDâ€19: Mechanisms, clinical outcome, diagnostics, and perspectives—A report of the European Academy of Allergy and Clinical Immunology (EAACI). Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2445-2476.	2.7	132
206	Extrapulmonary manifestations of COVID-19. Nature Medicine, 2020, 26, 1017-1032.	15.2	2,300
207	Immune and Metabolic Signatures of COVID-19 Revealed by Transcriptomics Data Reuse. Frontiers in Immunology, 2020, 11, 1636.	2.2	104
208	Gastrointestinal and Liver Manifestations of COVID-19. Annals of the National Academy of Medical Sciences (India), 2020, 56, 091-098.	0.2	0

#	Article	IF	CITATIONS
209	Updated diagnosis, treatment and prevention of COVID-19 in children: experts' consensus statement (condensed version of the second edition). World Journal of Pediatrics, 2020, 16, 232-239.	0.8	128
210	Encephalopathy in patients with COVIDâ€19: A review. Journal of Medical Virology, 2021, 93, 206-222.	2.5	155
211	Aging in COVID-19: Vulnerability, immunity and intervention. Ageing Research Reviews, 2021, 65, 101205.	5.0	601
212	ACE2 and SARS-CoV-2: Tissue or Plasma, Good or Bad?. American Journal of Hypertension, 2021, 34, 274-277.	1.0	9
213	Acute kidney injury associated with <scp>COVID</scp> â€19â€"Cumulative evidence and rationale supporting against direct kidney injury (infection). Nephrology, 2021, 26, 239-247.	0.7	11
214	Global Initiative for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease. The 2020 GOLD Science Committee Report on COVID-19 and Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 24-36.	2.5	417
215	COVID-19-associated coagulopathy and disseminated intravascular coagulation. International Journal of Hematology, 2021, 113, 45-57.	0.7	271
216	Enhanced expression of angiotensinâ€converting enzyme 2 in psoriatic skin and its upregulation in keratinocytes by interferonâ€ĵ³: implication of inflammatory milieu in skin tropism of SARSâ€CoVâ€2. British Journal of Dermatology, 2021, 184, 577-579.	1.4	17
217	Neurological Involvement in COVID-19 and Potential Mechanisms: A Review. Neurocritical Care, 2021, 34, 1062-1071.	1.2	223
218	What HIV in the Brain Can Teach Us About SARS-CoV-2 Neurological Complications?. AIDS Research and Human Retroviruses, 2021, 37, 255-265.	0.5	15
219	A systematic review of neurological symptoms and complications of COVID-19. Journal of Neurology, 2021, 268, 392-402.	1.8	192
220	Evidence of central nervous system infection and neuroinvasive routes, as well as neurological involvement, in the lethality of SARSâ€CoVâ€2 infection. Journal of Medical Virology, 2021, 93, 1304-1313.	2.5	64
221	Kidney disease and all-cause mortality in patients with COVID-19 hospitalized in Genoa, Northern Italy. Journal of Nephrology, 2021, 34, 173-183.	0.9	52
222	Hunting coronavirus by transmission electron microscopy–Âa guide to SARSâ€CoVâ€2â€associated ultrastructural pathology in COVIDâ€19 tissues. Histopathology, 2021, 78, 358-370.	1.6	90
223	A Prospective Study of Neurologic Disorders in Hospitalized Patients With COVID-19 in New York City. Neurology, 2021, 96, e575-e586.	1.5	220
224	Autopsy findings in COVID-19-related deaths: a literature review. Forensic Science, Medicine, and Pathology, 2021, 17, 279-296.	0.6	153
225	Immunity, endothelial injury and complement-induced coagulopathy in COVID-19. Nature Reviews Nephrology, 2021, 17, 46-64.	4.1	444
226	Liver disease and outcomes among COVID-19 hospitalized patients – A systematic review and meta-analysis. Annals of Hepatology, 2021, 21, 100273.	0.6	70

#	Article	IF	CITATIONS
227	Variability of symptoms in neuralgic amyotrophy following infection with <scp>SARS oV</scp> â€2. Muscle and Nerve, 2021, 63, E8-E9.	1.0	4
228	Increased odds ratio for COVIDâ€19 in patients with recurrent aphthous stomatitis. Journal of Oral Pathology and Medicine, 2021, 50, 114-117.	1.4	20
229	Pathophysiological mechanisms of liver injury in COVIDâ€19. Liver International, 2021, 41, 20-32.	1.9	273
230	What can we learn from brain autopsies in COVID-19?. Neuroscience Letters, 2021, 742, 135528.	1.0	115
231	Olfactory transmucosal SARS-CoV-2 invasion as a port of central nervous system entry in individuals with COVID-19. Nature Neuroscience, 2021, 24, 168-175.	7.1	991
232	COVID-19 in New Orleans: A Nephrology Clinical and Education Perspective and Lessons Learned. Kidney Medicine, 2021, 3, 99-104.	1.0	3
233	Rapid generation of ACE2 humanized inbred mouse model for COVID-19 with tetraploid complementation. National Science Review, 2021, 8, nwaa285.	4.6	19
234	Higher prevalence of pulmonary macrothrombi in <scp>SARSâ€CoV</scp> â€2 than in influenza A: autopsy results from â€~Spanish flu' 1918/1919 in Switzerland to Coronavirus disease 2019. Journal of Pathology: Clinical Research, 2021, 7, 135-143.	1.3	29
235	Tissue-Specific Immunopathology in Fatal COVID-19. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 192-201.	2.5	243
236	Ventricular assist device for a coronavirus disease 2019â€affected heart. ESC Heart Failure, 2021, 8, 162-166.	1.4	11
237	Severe acute respiratory syndrome coronavirus 2 infection reaches the human nervous system: How?. Journal of Neuroscience Research, 2021, 99, 750-777.	1.3	40
238	Angiotensin-converting enzyme 2 and COVID-19: patients, comorbidities, and therapies. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L301-L330.	1.3	26
239	Renal transplantation during the SARSâ€CoVâ€2 pandemic in the UK: Experience from a largeâ€volume center. Clinical Transplantation, 2021, 35, e14150.	0.8	15
240	Leukocyte trafficking to the lungs and beyond: lessons from influenza for COVID-19. Nature Reviews Immunology, 2021, 21, 49-64.	10.6	126
241	Cerebral Imaging in Patients with COVID-19 and Neurological Symptoms: First Experience from two University Hospitals inÂNorthern Germany. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2021, 193, 667-671.	0.7	6
242	COVID-19–Associated Glomerular Disease. Journal of the American Society of Nephrology: JASN, 2021, 32, 33-40.	3.0	141
243	Insights into disparities observed with COVIDâ€19. Journal of Internal Medicine, 2021, 289, 463-473.	2.7	92
244	SARS-CoV-2, ACE2 expression, and systemic organ invasion. Physiological Genomics, 2021, 53, 51-60.	1.0	100

#	Article	IF	CITATIONS
245	Defining and managing COVID-19-associated pulmonary aspergillosis: the 2020 ECMM/ISHAM consensus criteria for research and clinical guidance. Lancet Infectious Diseases, The, 2021, 21, e149-e162.	4.6	586
246	The virus that shook the world: questions and answers about SARS-CoV-2 and COVID-19. Biotechnology and Biotechnological Equipment, 2021, 35, 74-102.	0.5	13
247	Presentations and mechanisms of CNS disorders related to COVID-19. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8 , .	3.1	52
248	Organ recovery from deceased donors with prior COVIDâ€19: A case series. Transplant Infectious Disease, 2021, 23, e13503.	0.7	43
249	Remdesivir and Acute Renal Failure: A Potential Safety Signal From Disproportionality Analysis of the WHO Safety Database. Clinical Pharmacology and Therapeutics, 2021, 109, 1021-1024.	2.3	52
250	Search for SARS-CoV-2 RNA in platelets from COVID-19 patients. Platelets, 2021, 32, 284-287.	1.1	28
251	Drug Inhibition of SARS-CoV-2 Replication in Human Pluripotent Stem Cell–Derived Intestinal Organoids. Cellular and Molecular Gastroenterology and Hepatology, 2021, 11, 935-948.	2.3	69
252	Chronic kidney disease is a key risk factor for severe COVID-19: a call to action by the ERA-EDTA. Nephrology Dialysis Transplantation, 2021, 36, 87-94.	0.4	259
253	ApoE-Isoform-Dependent SARS-CoV-2 Neurotropism and Cellular Response. Cell Stem Cell, 2021, 28, 331-342.e5.	5.2	156
254	Inflammatory Leptomeningeal Cytokines Mediate COVID-19 Neurologic Symptoms in Cancer Patients. Cancer Cell, 2021, 39, 276-283.e3.	7.7	54
257	Hyperactivation of P2X7 receptors as a culprit of COVID-19 neuropathology. Molecular Psychiatry, 2021, 26, 1044-1059.	4.1	104
258	Priming of SARS-CoV-2 S protein by several membrane-bound serine proteinases could explain enhancedÂviral infectivity and systemic COVID-19 infection. Journal of Biological Chemistry, 2021, 296, 100135.	1.6	63
259	Periodontal tissues are targets for Sars-Cov-2: a post-mortem study. Journal of Oral Microbiology, 2021, 13, 1848135.	1.2	65
260	Obesity, malnutrition, and trace element deficiency in the coronavirus disease (COVID-19) pandemic: An overview. Nutrition, 2021, 81, 111016.	1.1	89
261	Evidence-Based Management of the Critically Ill Adult With SARS-CoV-2 Infection. Journal of Intensive Care Medicine, 2021, 36, 18-41.	1.3	7
262	Multicenter Clinicopathologic Correlation of Kidney Biopsies Performed in COVID-19 Patients Presenting With Acute Kidney Injury or Proteinuria. American Journal of Kidney Diseases, 2021, 77, 82-93.e1.	2.1	138
263	Serial Imaging of Virus-Associated Necrotizing Disseminated Acute Leukoencephalopathy (VANDAL) in COVID-19. American Journal of Neuroradiology, 2021, 42, 279-284.	1.2	11
264	Cerebrospinal fluid findings in neurological diseases associated with COVID-19 and insights into mechanisms of disease development. International Journal of Infectious Diseases, 2021, 102, 155-162.	1.5	77

#	Article	IF	CITATIONS
265	Post-mortem viral dynamics and tropism in COVID-19 patients in correlation with organ damage. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 343-353.	1.4	89
266	Antibody detection assays for COVIDâ€19 diagnosis: an early overview. Immunology and Cell Biology, 2021, 99, 21-33.	1.0	74
267	Acute kidney injury in patients with COVID-19: an update on the pathophysiology. Nephrology Dialysis Transplantation, 2021, 36, 224-226.	0.4	38
268	Overexpression of the Severe Acute Respiratory Syndrome Coronavirus-2 Receptor, Angiotensin-Converting Enzyme 2, in Diabetic Kidney Disease: Implications for Kidney Injury in Novel Coronavirus Disease 2019. Canadian Journal of Diabetes, 2021, 45, 162-166.e1.	0.4	19
269	Pragmatic Recommendations for the Prevention and Treatment of Acute Kidney Injury in Patients with COVID-19 in Low- and Middle-Income Countries. American Journal of Tropical Medicine and Hygiene, 2021, , .	0.6	4
270	RENAL COMPLICATIONS OF COVID-19 CORONAVIRUS INFECTION: MECHANISMS AND BIOMARKER. Laboratornaâ I KliniÄeskaâ Medicina Farmaciâ, 2021, , 52-56.	0.1	0
271	Aging and Microglial Response following Systemic Stimulation with Escherichia coli in Mice. Cells, 2021, 10, 279.	1.8	5
273	Case Report: Myopathy in Critically Ill COVID-19 Patients: A Consequence of Hyperinflammation?. Frontiers in Neurology, 2021, 12, 625144.	1.1	19
274	What can neuroimmunology teach us about the symptoms of long-COVID?. Oxford Open Immunology, 2021, 2, iqab004.	1.2	23
275	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): a Systemic Infection. Clinical Microbiology Reviews, 2021, 34, .	5.7	136
276	Neuroinvasion of SARS-CoV-2 in human and mouse brain. Journal of Experimental Medicine, 2021, 218, .	4.2	677
277	The Spatial and Cell-Type Distribution of SARS-CoV-2 Receptor ACE2 in the Human and Mouse Brains. Frontiers in Neurology, 2020, 11, 573095.	1.1	350
278	Minimally Invasive Tissue Sampling Findings in 12 Patients With Coronavirus Disease 2019. Clinical Infectious Diseases, 2021, 73, S454-S464.	2.9	1
280	Rectifying COVID-19 disparities with treatment and vaccination. JCI Insight, 2021, 6, .	2.3	9
281	Infections Due to Coronaviruses. , 2021, , 47-51.		0
282	A distinct innate immune signature marks progression from mild to severe COVID-19. Cell Reports Medicine, 2021, 2, 100166.	3.3	102
283	Brain Disease Network Analysis to Elucidate the Neurological Manifestations of COVID-19. Molecular Neurobiology, 2021, 58, 1875-1893.	1.9	37
284	Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital discharge. EClinicalMedicine, 2021, 31, 100683.	3.2	435

#	Article	IF	CITATIONS
285	Severe acute kidney injury in critically ill COVID-19 patients. Journal of Nephrology, 2021, 34, 285-293.	0.9	31
286	SARSâ€CoVâ€2 RNA detection in stool samples from acute gastroenteritis cases, Brazil. Journal of Medical Virology, 2021, 93, 2543-2547.	2.5	16
287	COVID-19 and the Kidney: Should Nephrologists Care about COVID-19 rather than Maintaining Their Focus on Renal Patients?. Contributions To Nephrology, 2021, 199, 1-15.	1.1	3
289	COVID-19: angiotensin-converting enzyme 2 (ACE2) expression and tissue susceptibility to SARS-CoV-2 infection. European Journal of Clinical Microbiology and Infectious Diseases, 2021, 40, 905-919.	1.3	445
290	Complement Activation in Kidneys of Patients With COVID-19. Frontiers in Immunology, 2020, 11, 594849.	2.2	58
291	Viral Dynamics of SARS-CoV-2 in Critically Ill Allogeneic Hematopoietic Stem Cell Transplant Recipients and Immunocompetent Patients with COVID-19. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 242-245.	2.5	12
292	COVID-19, immunothrombosis and venous thromboembolism: biological mechanisms. Thorax, 2021, 76, 412-420.	2.7	239
293	Insights to SARS-CoV-2 life cycle, pathophysiology, and rationalized treatments that target COVID-19 clinical complications. Journal of Biomedical Science, 2021, 28, 9.	2.6	167
294	Cell fusion as a link between the SARS-CoV-2 spike protein, COVID-19 complications, and vaccine side effects. Oncotarget, 2021, 12, 2476-2488.	0.8	7
295	SARS-CoV-2 Infection of Circulating Immune Cells is Not Responsible for Virus Dissemination in Severe COVID-19 Patients. SSRN Electronic Journal, 0, , .	0.4	1
296	Systematic Genome-Scale Identification of Host Factors for SARS-CoV-2 Infection Across Models Yields a Core Single Gene Dependency; <i>Ace2</i> . SSRN Electronic Journal, 0, , .	0.4	0
297	Interactions of Influenza and SARS-CoV-2 with the Lung Endothelium: Similarities, Differences, and Implications for Therapy. Viruses, 2021, 13, 161.	1.5	17
298	Risks of AKI and Major Adverse Clinical Outcomes in Patients with Severe Acute Respiratory Syndrome or Coronavirus Disease 2019. Journal of the American Society of Nephrology: JASN, 2021, 32, 961-971.	3.0	16
299	Clinical, Imaging, and Lab Correlates of Severe COVID-19 Leukoencephalopathy. American Journal of Neuroradiology, 2021, 42, 632-638.	1.2	16
300	Hypophosphatemia is an independent risk factor for AKI among hospitalized patients with COVID-19 infection. Renal Failure, 2021, 43, 1329-1337.	0.8	12
301	Bradicardia temprana en pacientes con COVID-19 y triple terapia., 2021, 32, 22-31.		0
302	Surveillance Study of Acute Neurological Manifestations among 439 Egyptian Patients with COVID-19 in Assiut and Aswan University Hospitals. Neuroepidemiology, 2021, 55, 109-118.	1.1	28
303	Liver transplantation in patients with SARS-CoV-2: Two case reports. World Journal of Clinical Infectious Diseases, 2021, 11, 27-34.	0.5	0

#	Article	IF	CITATIONS
304	CORTICOSTEROIDS AND SECONDARY INFECTIONS: AN INSIGHT INTO CORONAVIRUS DISEASE-2019. Asian Journal of Pharmaceutical and Clinical Research, 0, , 36-47.	0.3	О
306	Molecular insights into the binding variance of the SARS-CoV-2 spike with human, cat and dog ACE2 proteins. Physical Chemistry Chemical Physics, 2021, 23, 13752-13759.	1.3	5
307	The Biopsychosocial Impact of COVID-19 on Older Adults. Gerontology and Geriatric Medicine, 2021, 7, 233372142110342.	0.8	4
308	The COVID-Kidney Controversy: Can SARS-CoV-2 Cause Direct Renal Infection?. Nephron, 2021, 145, 275-279.	0.9	10
309	Miller Fisher Syndrome in Patients With Severe Acute Respiratory Syndrome Coronavirus 2 Infection:		

#	Article	IF	CITATIONS
331	COVID-19 and AKI: Where Do We Stand?. Journal of the American Society of Nephrology: JASN, 2021, 32, 1029-1032.	3.0	18
332	The Epidemiological and Mechanistic Understanding of the Neurological Manifestations of COVID-19: A Comprehensive Meta-Analysis and a Network Medicine Observation. Frontiers in Neuroscience, 2021, 15, 606926.	1.4	6
335	Cognitive impairment in COVID-19 survivors. Nevrologiya, Neiropsikhiatriya, Psikhosomatika, 2021, 13, 126-130.	0.2	13
336	Allogeneic stem cell transplantation in acute leukemia patients after COVID-19 infection. Bone Marrow Transplantation, 2021, 56, 1478-1481.	1.3	9
337	SARS-CoV-2 Infection and Disease Modelling Using Stem Cell Technology and Organoids. International Journal of Molecular Sciences, 2021, 22, 2356.	1.8	13
339	COVID-19–associated Nephropathy Includes Tubular Necrosis and Capillary Congestion, with Evidence of SARS-CoV-2 in the Nephron. Kidney360, 2021, 2, 639-652.	0.9	24
340	A rapid review of the pathoetiology, presentation, and management of delirium in adults with COVID-19. Journal of Psychosomatic Research, 2021, 141, 110350.	1.2	58
341	Morphometry of SARS-CoV and SARS-CoV-2 particles in ultrathin plastic sections of infected Vero cell cultures. Scientific Reports, 2021, 11, 3515.	1.6	107
342	Assessment of thirtyâ€day readmission rate, timing, causes and predictors after hospitalization with COVIDâ€19. Journal of Internal Medicine, 2021, 290, 157-165.	2.7	47
343	Gastrointestinal mucosal damage in patients with COVID-19 undergoing endoscopy: an international multicentre study. BMJ Open Gastroenterology, 2021, 8, e000578.	1.1	49
344	Inflammatory Cytokine Patterns Associated with Neurological Diseases in Coronavirus Disease 2019. Annals of Neurology, 2021, 89, 1041-1045.	2.8	68
345	Retrospective study of COVID-19 seroprevalence among tissue donors at the onset of the outbreak before implementation of strict lockdown measures in France. Cell and Tissue Banking, 2021, 22, 511-518.	0.5	4
346	Evaluation of SARS-CoV-2 antigen-based rapid diagnostic kits in Pakistan: formulation of COVID-19 national testing strategy. Virology Journal, 2021, 18, 34.	1.4	34
347	A pressor dose of angiotensin II has no influence on the angiotensinâ€converting enzyme 2 and other molecules associated with SARSâ€CoVâ€2 infection in mice. FASEB Journal, 2021, 35, e21419.	0.2	4
348	The Surviving Sepsis Campaign: Research Priorities for Coronavirus Disease 2019 in Critical Illness. Critical Care Medicine, 2021, 49, 598-622.	0.4	49
349	Neurobiology of COVID-19: how can the virus affect the brain?. Revista Brasileira De Psiquiatria, 2021, 43, 650-664.	0.9	31
350	Proteinuria and Clinical Outcomes in Hospitalized COVID-19 Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 514-521.	2.2	29
351	The spectrum of kidney biopsies in hospitalized patients with COVID-19, acute kidney injury and/or proteinuria. Nephrology Dialysis Transplantation, 2021, 36, 1253-1262.	0.4	54

#	Article	IF	CITATIONS
352	COVIDâ€19â€induced endotheliitis: emerging evidence and possible therapeutic strategies. British Journal of Haematology, 2021, 193, 43-51.	1.2	49
353	Severity of Chest Imaging is Correlated with Risk of Acute Neuroimaging Findings among Patients with COVID-19. American Journal of Neuroradiology, 2021, 42, 831-837.	1.2	10
354	Neurological involvement in the respiratory manifestations of COVID-19 patients. Aging, 2021, 13, 4713-4730.	1.4	10
355	Quo vadis? Central Rules of Pathogen and Disease Tropism. Frontiers in Cellular and Infection Microbiology, 2021, 11, 640987.	1.8	6
356	SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. Nature Metabolism, 2021, 3, 149-165.	5.1	378
357	SARS-CoV-2 tropism: what urologists need to know. African Journal of Urology, 2021, 27, 23.	0.1	4
358	New Insights Into the Physiopathology of COVID-19: SARS-CoV-2-Associated Gastrointestinal Illness. Frontiers in Medicine, 2021, 8, 640073.	1.2	45
359	Metabolic Alterations in SARS-CoV-2 Infection and Its Implication in Kidney Dysfunction. Frontiers in Physiology, 2021, 12, 624698.	1.3	33
360	Renal Morphology in Coronavirus Disease: A Literature Review. Medicina (Lithuania), 2021, 57, 258.	0.8	12
361	COVID-19: The Heart of the Matterâ€"Pathological Changes and a Proposed Mechanism. Journal of Cardiovascular Pharmacology and Therapeutics, 2021, 26, 217-224.	1.0	9
364	Detection methods for SARS-CoV-2 in tissue. Der Pathologe, 2021, 42, 81-88.	0.7	12
365	Ribosome-Profiling Reveals Restricted Post Transcriptional Expression of Antiviral Cytokines and Transcription Factors during SARS-CoV-2 Infection. International Journal of Molecular Sciences, 2021, 22, 3392.	1.8	22
366	Review of studies of severe acute respiratory syndrome related coronavirus–2 pathogenesis in human organoid models. Reviews in Medical Virology, 2021, 31, e2227.	3.9	10
367	Evidence of SARS-CoV-2 Infection in Cells, Tissues, and Organs and the Risk of Transmission Through Transplantation. Transplantation, 2021, 105, 1405-1422.	0.5	50
368	Postâ€mortem molecular investigations of SARSâ€CoVâ€2 in an unexpected death of a recent kidney transplant recipient. American Journal of Transplantation, 2021, 21, 2590-2595.	2.6	4
369	Quantitative assessment of SARSâ€CoVâ€2 RNAemia and outcome in patients with coronavirus disease 2019. Journal of Medical Virology, 2021, 93, 3165-3175.	2.5	38
370	The Good Treatment, the Bad Virus, and the Ugly Inflammation: Pathophysiology of Kidney Involvement During COVID-19. Frontiers in Physiology, 2021, 12, 613019.	1.3	12
371	Revealing Tissue-Specific SARS-CoV-2 Infection and Host Responses using Human Stem Cell-Derived Lung and Cerebral Organoids. Stem Cell Reports, 2021, 16, 437-445.	2.3	92

#	Article	IF	CITATIONS
372	SARS-CoV-2–Associated Myocarditis at Autopsy. AJSP Review and Reports, 2021, 26, 130-135.	0.0	0
373	Impact of Cardiovascular Diseases on COVID-19: A Systematic Review. Medical Science Monitor, 2021, 27, e930032.	0.5	4
374	Pathogenesis of coronavirus disease 2019-associated kidney injury. Current Opinion in Nephrology and Hypertension, 2021, 30, 324-331.	1.0	11
375	Time on previous renal replacement therapy is associated with worse outcomes of COVID-19 in a regional cohort of kidney transplant and dialysis patients. Medicine (United States), 2021, 100, e24893.	0.4	9
377	Factors associated with myocardial SARS-CoV-2 infection, myocarditis, and cardiac inflammation in patients with COVID-19. Modern Pathology, 2021, 34, 1345-1357.	2.9	90
378	Stroke in SARS-CoV-2 Infection: A Pictorial Overview of the Pathoetiology. Frontiers in Cardiovascular Medicine, 2021, 8, 649922.	1.1	15
380	Camostat mesylate inhibits SARS-CoV-2 activation by TMPRSS2-related proteases and its metabolite GBPA exerts antiviral activity. EBioMedicine, 2021, 65, 103255.	2.7	256
381	The Impact of COVID-19 on Primary Care General Practice Consultations in a Teaching Hospital in Shanghai, China. Frontiers in Medicine, 2021, 8, 642496.	1.2	20
385	Do Cellular Entry Mechanisms of SARS-Cov-2 Affect Myocardial Cells and Contribute to Cardiac Injury in COVID-19 Patients?. Frontiers in Physiology, 2021, 12, 630778.	1.3	4
386	What can cerebrospinal fluid testing and brain autopsies tell us about viral neuroinvasion of SARSâ€CoVâ€2. Journal of Medical Virology, 2021, 93, 4247-4257.	2.5	22
387	5-amino levulinic acid inhibits SARS-CoV-2 infection inÂvitro. Biochemical and Biophysical Research Communications, 2021, 545, 203-207.	1.0	29
388	SARSâ€CoVâ€2 and pediatric solid organ transplantation: Current knowns and unknowns. Pediatric Transplantation, 2021, 25, e13986.	0.5	6
390	Assessment of Acute Kidney Injury and Longitudinal Kidney Function After Hospital Discharge Among Patients With and Without COVID-19. JAMA Network Open, 2021, 4, e211095.	2.8	114
391	Donor to recipient transmission of SARS-CoV-2 by lung transplantation despite negative donor upper respiratory tract testing. American Journal of Transplantation, 2021, 21, 2885-2889.	2.6	110
392	Autopsies in pandemics – a perspective on barriers and benefits. Is it time for a revival?. Apmis, 2021, 129, 324-339.	0.9	5
393	Analysis of clinical pharmacist interventions in the COVID-19 units of a French university hospital. European Journal of Hospital Pharmacy, 2022, 29, e30-e35.	0.5	12
394	Diabetes, obesity, and insulin resistance in COVID-19: molecular interrelationship and therapeutic implications. Diabetology and Metabolic Syndrome, 2021, 13, 23.	1.2	82
395	Neuro-COVID-19 is more than anosmia: clinical presentation, neurodiagnostics, therapies, and prognosis. Current Opinion in Neurology, 2021, 34, 423-431.	1.8	16

#	Article	IF	CITATIONS
398	COVID-19 effects on the kidney. Der Pathologe, 2021, 42, 76-80.	0.7	15
399	COVID-19 and its impact on the kidney and the nephrology community. CKJ: Clinical Kidney Journal, 2021, 14, i1-i5.	1.4	1
400	Right Ventricular Strain Is Common in Intubated COVID-19 Patients and Does Not Reflect Severity of Respiratory Illness. Journal of Intensive Care Medicine, 2021, 36, 900-909.	1.3	27
401	Coronavirus disease 2019 (COVID-19) and global mental health. Global Health Journal (Amsterdam,) Tj ETQq1 1	0.784314 1.9	rgBT Overlo
402	Generation of SARS-CoV-2 reporter replicon for high-throughput antiviral screening and testing. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	64
405	Renal Involvement in COVID-19: A Review of the Literature. Infection and Drug Resistance, 2021, Volume 14, 895-903.	1.1	21
406	Neurological manifestations as the predictors of severity and mortality in hospitalized individuals with COVID-19: a multicenter prospective clinical study. BMC Neurology, 2021, 21, 116.	0.8	58
407	Early postmortem mapping of SARS-CoV-2 RNA in patients with COVID-19 and the correlation with tissue damage. ELife, 2021, 10 , .	2.8	87
408	<scp>COVID</scp> â€19: immunopathology, pathophysiological mechanisms, and treatment options. Journal of Pathology, 2021, 254, 307-331.	2.1	86
409	Severe liver dysfunction complicating course of COVID-19 in the critically ill: multifactorial cause or direct viral effect?. Annals of Intensive Care, 2021, 11, 44.	2.2	20
410	A potential interaction between the SARS-CoV-2 spike protein and nicotinic acetylcholine receptors. Biophysical Journal, 2021, 120, 983-993.	0.2	43
411	COVID-19-induced granulomatosis with polyangiitis. BMJ Case Reports, 2021, 14, e242142.	0.2	25
413	Presence of SARS-CoV-2 Nucleoprotein in Cardiac Tissues of Donors with Negative COVID-19 Molecular Tests. Diagnostics, 2021, 11, 731.	1.3	5
414	The Association of COVID-19 With Acute Kidney Injury Independent of Severity of Illness: A Multicenter Cohort Study. American Journal of Kidney Diseases, 2021, 77, 490-499.e1.	2.1	58
415	Repositioned Drugs for COVID-19â€"the Impact on Multiple Organs. SN Comprehensive Clinical Medicine, 2021, 3, 1484-1501.	0.3	3
416	Getting to the Heart of the Matter: Myocardial Injury, Coagulopathy, and Other Potential Cardiovascular Implications of COVID-19. International Journal of Vascular Medicine, 2021, 2021, 1-16.	0.4	6
417	Chinese herbal medicine: Fighting SARS-CoV-2 infection on all fronts. Journal of Ethnopharmacology, 2021, 270, 113869.	2.0	103
418	Presence of SARS-CoV-2 RNA in the Cornea of Viremic Patients With COVID-19. JAMA Ophthalmology, 2021, 139, 383.	1.4	62

#	ARTICLE	IF	CITATIONS
420	The Neurobiology of Modern Viral Scourges: ZIKV and COVID-19. Neuroscientist, 2022, 28, 438-452.	2.6	4
421	Kidney involvement in multisystem inflammatory syndrome in children: a pediatric nephrologist's perspective. CKJ: Clinical Kidney Journal, 2021, 14, 2000-2011.	1.4	12
423	Hypertension, a Moving Target in COVID-19. Circulation Research, 2021, 128, 1062-1079.	2.0	61
424	Actionable druggable genome-wide Mendelian randomization identifies repurposing opportunities for COVID-19. Nature Medicine, 2021, 27, 668-676.	15.2	120
425	A molecular single-cell lung atlas of lethal COVID-19. Nature, 2021, 595, 114-119.	13.7	411
426	COVIDâ€19 and care for patients with chronic kidney disease: Challenges and lessons. FASEB BioAdvances, 2021, 3, 569-576.	1.3	7
427	Analysis of the Long-Term Impact on Cellular Immunity in COVID-19-Recovered Individuals Reveals a Profound NKT Cell Impairment. MBio, 2021, 12, .	1.8	36
428	SARS-CoV-2 Infects Human EngineeredÂHeart Tissues and Models COVID-19 Myocarditis. JACC Basic To Translational Science, 2021, 6, 331-345.	1.9	121
429	COVID-19 and comorbidities of hepatic diseases in a global perspective. World Journal of Gastroenterology, 2021, 27, 1296-1310.	1.4	16
430	Presentation of COVID-19 infection with bizarre behavior and encephalopathy: a case report. Journal of Medical Case Reports, 2021, 15, 220.	0.4	1
431	Uncovering SARS-CoV-2 kidney tropism. Nature Reviews Molecular Cell Biology, 2021, 22, 509.	16.1	5
432	SARS-CoV-2 Seroprevalence among Health Care Workersâ€"A Voluntary Screening Study in a Regional Medical Center in Southern Germany. International Journal of Environmental Research and Public Health, 2021, 18, 3910.	1.2	6
433	Coronavirus disease-19: The multi-level, multi-faceted vasculopathy. Atherosclerosis, 2021, 322, 39-50.	0.4	32
434	MR-proAdrenomedullin as a predictor of renal replacement therapy in a cohort of critically ill patients with COVID-19. Biomarkers, 2021, 26, 417-424.	0.9	14
435	Cell-free DNA tissues of origin by methylation profiling reveals significant cell, tissue, and organ-specific injury related to COVID-19 severity. Med, 2021, 2, 411-422.e5.	2.2	41
436	Term Human Placental Trophoblasts Express SARS-CoV-2 Entry Factors ACE2, TMPRSS2, and Furin. MSphere, 2021, 6, .	1.3	43
437	From bedside to bench: regulation of host factors in SARS-CoV-2 infection. Experimental and Molecular Medicine, 2021, 53, 483-494.	3.2	6
438	Polycystic ovary syndrome: Pathways and mechanisms for possible increased susceptibility to COVID-19. World Journal of Clinical Cases, 2021, 9, 2711-2720.	0.3	9

#	Article	IF	CITATIONS
439	Neurotropic Viruses, Astrocytes, and COVID-19. Frontiers in Cellular Neuroscience, 2021, 15, 662578.	1.8	40
440	Cell-free DNA maps COVID-19 tissue injury and risk of death and can cause tissue injury. JCI Insight, 2021, 6, .	2.3	86
441	Scientific Hypothesis for Treatment of COVIDâ€19â€2s Lung Lesions by Adjusting ACE/ACE2 Imbalance. Cardiovascular Toxicology, 2021, 21, 498-503.	1.1	28
442	Sensitive tracking of circulating viral RNA through all stages of SARS-CoV-2 infection. Journal of Clinical Investigation, 2021, 131, .	3.9	21
443	Coronavirus disease–2019 and the intestinal tract: An overview. World Journal of Gastroenterology, 2021, 27, 1255-1266.	1.4	20
444	Antiviral drug screen identifies DNA-damage response inhibitor as potent blocker of SARS-CoV-2 replication. Cell Reports, 2021, 35, 108940.	2.9	76
445	SARS-CoV-2 infection: The role of PD-1/PD-L1 and CTLA-4 axis. Life Sciences, 2021, 270, 119124.	2.0	57
446	Kidney disease and COVID-19 disease severityâ€"systematic review and meta-analysis. Clinical and Experimental Medicine, 2022, 22, 125-135.	1.9	41
447	Cognitive impairment in COVID-19: associations, pathogenesis and treatment questions. Nevrologiya, Neiropsikhiatriya, Psikhosomatika, 2021, 13, 123-129.	0.2	5
448	COVID-19'DA ANTİKOAGÜLAN TEDAVİ. Süleyman Demirel Üniversitesi Tıp Fakültesi Dergisi, 0, , .	0.0	0
449	Back to the future: lessons from past viral infections and the link with Parkinson's disease. Neuronal Signaling, 2021, 5, NS20200051.	1.7	3
450	COVID-19 neuropathology at Columbia University Irving Medical Center/New York Presbyterian Hospital. Brain, 2021, 144, 2696-2708.	3.7	254
451	Screening for SARS-CoV-2 in potential deceased organ donors. American Journal of Transplantation, 2021, 21, 3204-3205.	2.6	5
452	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. Nature, 2021, 595, 107-113.	13.7	537
454	Hypothyroidism is associated with prolonged COVID-19-induced anosmia: a case–control study. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 911-912.	0.9	15
456	Critical Illness and Systemic Inflammation Are Key Risk Factors of Severe Acute Kidney Injury in Patients With COVID-19. Kidney International Reports, 2021, 6, 905-915.	0.4	22
457	The Mechanisms and Animal Models of SARS-CoV-2 Infection. Frontiers in Cell and Developmental Biology, 2021, 9, 578825.	1.8	20
458	Is Kidney Transplantation From a COVID-19–Positive Deceased Donor Safe for the Recipient?. Transplantation Proceedings, 2021, 53, 1138-1142.	0.3	21

#	Article	IF	CITATIONS
460	Acute kidney injury: Incidence, risk factors, and outcomes in severe COVID-19 patients. PLoS ONE, 2021, 16, e0251048.	1.1	35
461	SARSâ€CoVâ€2 RNA screening in routine pathology specimens. Microbial Biotechnology, 2021, 14, 1627-1641.	2.0	9
462	Susceptibility of neuroblastoma and glioblastoma cell lines to SARS-CoV-2 infection. Brain Research, 2021, 1758, 147344.	1.1	16
463	Alterations of frontal-temporal gray matter volume associate with clinical measures of older adults with COVID-19. Neurobiology of Stress, 2021, 14, 100326.	1.9	48
464	Transcriptional Changes in CD16+ Monocytes May Contribute to the Pathogenesis of COVID-19. Frontiers in Immunology, 2021, 12, 665773.	2.2	20
465	Patients with COVID-19: in the dark-NETs of neutrophils. Cell Death and Differentiation, 2021, 28, 3125-3139.	5.0	189
466	Neurological and cognitive sequelae of Covid-19: a four month follow-up. Journal of Neurology, 2021, 268, 4422-4428.	1.8	102
467	The spatiotemporal trend of renal involvement in COVID-19: A pooled analysis of 17 134 patients. International Journal of Infectious Diseases, 2021, 106, 281-288.	1.5	1
468	Diverse Immunological Factors Influencing Pathogenesis in Patients with COVID-19: A Review on Viral Dissemination, Immunotherapeutic Options to Counter Cytokine Storm and Inflammatory Responses. Pathogens, 2021, 10, 565.	1.2	57
470	Broad auto-reactive IgM responses are common in critically ill patients, including those with COVID-19. Cell Reports Medicine, 2021, 2, 100321.	3.3	15
471	78-year-old woman with opsoclonus myoclonus ataxia syndrome secondary to COVID-19. BMJ Case Reports, 2021, 14, e243165.	0.2	8
472	COVID-19–related anosmia is associated with viral persistence and inflammation in human olfactory epithelium and brain infection in hamsters. Science Translational Medicine, 2021, 13, .	5.8	322
473	Endothelial Dysfunction in the Brain. Stroke, 2021, 52, 1895-1904.	1.0	50
474	Urinary Levels of SARS-CoV-2 Nucleocapsid Protein Associate With Risk of AKI and COVID-19 Severity: A Single-Center Observational Study. Frontiers in Medicine, 2021, 8, 644715.	1.2	11
475	Acute kidney injury in COVID-19: are kidneys the target or just collateral damage? A comprehensive assessment of viral RNA and AKI rate in patients with COVID-19. Current Opinion in Urology, 2021, 31, 363-368.	0.9	7
476	A comprehensive review of imaging findings in COVID-19 -Âstatus in early 2021. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2500-2524.	3.3	31
477	COVID-19 Vasculopathy: Mounting Evidence for an Indirect Mechanism of Endothelial Injury. American Journal of Pathology, 2021, 191, 1374-1384.	1.9	78
478	The human pandemic coronaviruses on the show: The spike glycoprotein as the main actor in the coronaviruses play. International Journal of Biological Macromolecules, 2021, 179, 1-19.	3.6	17

#	Article	IF	CITATIONS
479	COVID-19 in Solid Organ Transplantation: Disease Severity and Clinical Update. Transplantation Proceedings, 2021, 53, 1227-1236.	0.3	13
480	The Chronicle of COVID-19 and Possible Strategies to Curb the Pandemic. Current Medicinal Chemistry, 2021, 28, 2852-2886.	1.2	20
481	Coronavirus disease 2019 and kidney injury. Current Opinion in Nephrology and Hypertension, 2021, 30, 444-449.	1.0	8
482	SARS-CoV-2 targets glial cells in human cortical organoids. Stem Cell Reports, 2021, 16, 1156-1164.	2.3	73
483	Acute Kidney Injury and Advanced Kidney Disease in the COVID-19 Pandemic: Proceedings From a National Kidney Foundation Symposium. Kidney Medicine, 2021, 3, 426-432.	1.0	5
484	Expression of ACE2 in the Intact and Acutely Injured Kidney. Kidney360, 2021, 2, 1095-1106.	0.9	12
485	Salivary glands are a target for SARSâ€CoVâ€2: a source for saliva contamination. Journal of Pathology, 2021, 254, 239-243.	2.1	64
486	Insights into SARS-CoV-2 Persistence and Its Relevance. Viruses, 2021, 13, 1025.	1.5	37
487	Human pluripotent stem cell-based organoids and cell platforms for modelling SARS-CoV-2 infection and drug discovery. Stem Cell Research, 2021, 53, 102207.	0.3	13
488	Heart Failure Association of the ESC, Heart Failure Society of America and Japanese Heart Failure Society Position statement on endomyocardial biopsy. European Journal of Heart Failure, 2021, 23, 854-871.	2.9	105
490	Human Immunodeficiency Viruses Pseudotyped with SARS-CoV-2 Spike Proteins Infect a Broad Spectrum of Human Cell Lines through Multiple Entry Mechanisms. Viruses, 2021, 13, 953.	1.5	17
491	Neurosensory Rehabilitation and Olfactory Network Recovery in Covid-19-Related Olfactory Dysfunction. Brain Sciences, 2021, 11, 686.	1.1	11
492	SARS-CoV-2 RNAemia Predicts Clinical Deterioration and Extrapulmonary Complications from COVID-19. Clinical Infectious Diseases, 2022, 74, 218-226.	2.9	51
493	<scp>Pathophysiology of infection with SARSâ€CoV</scp> â€2— <scp>What is known and what remains</scp> a <scp>mystery</scp> . Respirology, 2021, 26, 652-665.	1.3	44
494	First Report of SARS-CoV-2 Detection in Cerebrospinal Fluid in a Child With Guillain-Barré Syndrome. Pediatric Infectious Disease Journal, 2021, 40, e274-e276.	1.1	33
495	Elevated transaminases and hypoalbuminemia in Covid-19 are prognostic factors for disease severity. Scientific Reports, 2021, 11, 10308.	1.6	23
496	An overview of the COVIDâ€19 complications in paediatric population: A pandemic dilemma. International Journal of Clinical Practice, 2021, 75, e14494.	0.8	12
497	A cohort autopsy study defines COVID-19 systemic pathogenesis. Cell Research, 2021, 31, 836-846.	5.7	93

#	ARTICLE	IF	CITATIONS
498	Personalized $\tilde{A}\ddot{Y}$ -lactam dosing in patients with coronavirus disease 2019 (COVID-19) and pneumonia. Medicine (United States), 2021, 100, e26253.	0.4	8
499	Acute kidney injury (AKI) in patients with Covid-19 infection is associated with ventilatory management with elevated positive end-expiratory pressure (PEEP). Journal of Nephrology, 2022, 35, 99-111.	0.9	15
501	Hyperlipidemic hypersensitivity to lethal microbial inflammation and its reversal by selective targeting of nuclear transport shuttles. Scientific Reports, 2021, 11, 11907.	1.6	4
502	The Significance of Angiotensin-Converting Enzyme-2 (ACE2) in SARSCov- 2 Infection and COVID-19. Coronaviruses, 2021, 2, .	0.2	1
503	Inefficient Placental Virus Replication and Absence of Neonatal Cell-Specific Immunity Upon Sars-CoV-2 Infection During Pregnancy. Frontiers in Immunology, 2021, 12, 698578.	2.2	22
504	COVID-19 in Solid Organ Transplant Recipients: a Review of the Current Literature. Current Treatment Options in Infectious Diseases, 2021, 13, 67-82.	0.8	15
506	Evidence For and Against Direct Kidney Infection by SARS-CoV-2 in Patients with COVID-19. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1755-1765.	2.2	54
507	Covid‶9 Infection and Parkinsonism: Is There a Link?. Movement Disorders, 2021, 36, 1737-1743.	2.2	31
508	Rapid Antigen Test for Postmortem Evaluation of SARS-CoV-2 Carriage. Emerging Infectious Diseases, 2021, 27, 1734-1737.	2.0	14
509	<scp>COVID</scp> â€19: long covid and its societal consequences. Environmental Microbiology, 2021, 23, 4077-4091.	1.8	27
510	COVID-19 Disease in a Kidney Transplant Recipient With Diffuse Intrarenal Hemorrhage. Experimental and Clinical Transplantation, 2021, , .	0.2	0
511	Covid-19 in end-stage renal disease patients with renal replacement therapies: AÂsystematic review and meta-analysis. PLoS Neglected Tropical Diseases, 2021, 15, e0009156.	1.3	19
512	Cognitive decline following acute viral infections: literature review and projections for post-COVID-19. European Archives of Psychiatry and Clinical Neuroscience, 2022, 272, 139-154.	1.8	40
513	Full autopsy in a confirmed COVID-19 patient in Lagos, Nigeria – A case report. Human Pathology: Case Reports, 2021, 24, 200524.	0.2	2
514	Understanding structural malleability of the SARS-CoV-2 proteins and relation to the comorbidities. Briefings in Bioinformatics, 2021, 22, .	3.2	7
515	Kidney transplantation from a SARSâ€CoVâ€2â€positive donor for the recipients with immunity after COVIDâ€19. Transplant Infectious Disease, 2021, 23, e13666.	0.7	20
516	Unraveling the Mystery Surrounding Post-Acute Sequelae of COVID-19. Frontiers in Immunology, 2021, 12, 686029.	2.2	152
517	High SARS-CoV-2 Viral Load in Urine Sediment Correlates with Acute Kidney Injury and Poor COVID-19 Outcome. Journal of the American Society of Nephrology: JASN, 2021, 32, 2517-2528.	3.0	30

#	Article	IF	CITATIONS
518	Multi-dimensional and longitudinal systems profiling reveals predictive pattern of severe COVID-19. IScience, 2021, 24, 102752.	1.9	9
520	Cardiovascular and Renal Risk Factors and Complications Associated With COVID-19. CJC Open, 2021, 3, 1257-1272.	0.7	18
521	A urinary peptidomic profile predicts outcome in SARS-CoV-2-infected patients. EClinicalMedicine, 2021, 36, 100883.	3.2	28
522	COVID-19 in immunocompromised populations: implications for prognosis and repurposing of immunotherapies., 2021, 9, e002630.		76
523	Cardio-Pulmonary-Renal Consequences of Severe COVID-19. CardioRenal Medicine, 2021, 11, 133-139.	0.7	10
525	Imaging in the COVID-19 era: Lessons learned during a pandemic. World Journal of Radiology, 2021, 13, 193-223.	0.5	0
526	Association Between the Concentration and Rangeability of Cystatin C and Mortality of COVID-19 Patients With or Without Type 2 Diabetes Mellitus: A Retrospective Analysis. Frontiers in Endocrinology, 2021, 12, 642452.	1.5	2
527	COVID-19 Pathology on Various Organs and Regenerative Medicine and Stem Cell-Based Interventions. Frontiers in Cell and Developmental Biology, 2021, 9, 675310.	1.8	4
528	Comparison of renal histopathology and gene expression profiles between severe COVID-19 and bacterial sepsis in critically ill patients. Critical Care, 2021, 25, 202.	2.5	19
529	Drug targets, mechanisms of drug action, and therapeutics against SARS-CoV-2. Chemical Physics Impact, 2021, 2, 100011.	1.7	18
530	COVID-19 and the Endocrine System: A Comprehensive Review on the Theme. Journal of Clinical Medicine, 2021, 10, 2920.	1.0	57
531	Overcoming Culture Restriction for SARS-CoV-2 in Human Cells Facilitates the Screening of Compounds Inhibiting Viral Replication. Antimicrobial Agents and Chemotherapy, 2021, 65, e0009721.	1.4	58
532	Critical Determinants of Cytokine Storm and Type I Interferon Response in COVID-19 Pathogenesis. Clinical Microbiology Reviews, 2021, 34, .	5.7	141
534	The COVID-19 puzzle: deciphering pathophysiology and phenotypes of a new disease entity. Lancet Respiratory Medicine, the, 2021, 9, 622-642.	5.2	371
535	Understanding the heart-brain axis response in COVID-19 patients: A suggestive perspective for therapeutic development. Pharmacological Research, 2021, 168, 105581.	3.1	26
536	Food Containing Bioactive Flavonoids and Other Phenolic or Sulfur Phytochemicals With Antiviral Effect: Can We Design a Promising Diet Against COVID-19?. Frontiers in Nutrition, 2021, 8, 661331.	1.6	20
537	Molecular mechanism of interaction between SARS-CoV-2 and host cells and interventional therapy. Signal Transduction and Targeted Therapy, 2021, 6, 233.	7.1	203
538	ANCA-associated vasculitis after COVID-19. Rheumatology International, 2021, 41, 1523-1529.	1.5	87

#	Article	IF	CITATIONS
539	A Centenary Tale of Two Pandemics: The 1918 Influenza Pandemic and COVID-19, Part I. American Journal of Public Health, 2021, 111, 1086-1094.	1.5	35
540	Liver injury in COVID-19: Detection, pathogenesis, and treatment. World Journal of Gastroenterology, 2021, 27, 3022-3036.	1.4	18
542	Pathophysiology and Clinical Manifestations of COVID-19-Related Acute Kidney Injuryâ€"The Current State of Knowledge and Future Perspectives. International Journal of Molecular Sciences, 2021, 22, 7082.	1.8	19
543	Mice with induced pulmonary morbidities display severe lung inflammation and mortality following exposure to SARS-CoV-2. JCI Insight, 2021, 6, .	2.3	7
544	Heparan Sulfate Proteoglycans in Viral Infection and Treatment: A Special Focus on SARS-CoV-2. International Journal of Molecular Sciences, 2021, 22, 6574.	1.8	40
547	Drug delivery systems as immunomodulators for therapy of infectious disease: Relevance to COVID-19. Advanced Drug Delivery Reviews, 2021, 178, 113848.	6.6	6
548	Sex and kidney ACE2 expression in primary focal segmental glomerulosclerosis: A NEPTUNE study. PLoS ONE, 2021, 16, e0252758.	1.1	5
549	Potential value of circulating endothelial cells for the diagnosis and treatment of COVID-19. International Journal of Infectious Diseases, 2021, 107, 232-233.	1.5	4
550	Post-COVID-19 rehabilitation: a special look at chronic kidney disease patients. Renal Replacement Therapy, 2021, 7, 33.	0.3	3
551	Long COVID or Post-acute Sequelae of COVID-19 (PASC): An Overview of Biological Factors That May Contribute to Persistent Symptoms. Frontiers in Microbiology, 2021, 12, 698169.	1.5	512
553	Can cilia provide an entry gateway for SARS-CoV-2 to human ciliated cells?. Physiological Genomics, 2021, 53, 249-258.	1.0	13
554	Organoid Technology and the COVID Pandemic. , 0, , .		4
555	Incidence and Outcomes of Acute Kidney Injury in COVID-19: A Systematic Review. Blood Purification, 2022, 51, 199-212.	0.9	24
556	Viral Nephropathies, Adding SARS-CoV-2 to the List. International Journal of Nephrology and Renovascular Disease, 2021, Volume 14, 157-164.	0.8	7
557	Imaging in the COVID-19 era: Lessons learned during a pandemic. World Journal of Radiology, 2021, 13, 192-222.	0.5	9
558	The handling of SARS-CoV-2 associated deathsÂ-Âinfectivity of the body. Forensic Science, Medicine, and Pathology, 2021, 17, 411-418.	0.6	21
559	Glycyrrhizin prevents SARS-CoV-2 S1 and Orf3a induced high mobility group box 1 (HMGB1) release and inhibits viral replication. Cytokine, 2021, 142, 155496.	1.4	50
561	RIG-I-Like Receptor-Mediated Recognition of Viral Genomic RNA of Severe Acute Respiratory Syndrome Coronavirus-2 and Viral Escape From the Host Innate Immune Responses. Frontiers in Immunology, 2021, 12, 700926.	2.2	69

#	Article	IF	CITATIONS
562	The Coronavirus Disease 2019 (COVID-19): Key Emphasis on Melatonin Safety and Therapeutic Efficacy. Antioxidants, 2021, 10, 1152.	2.2	19
563	Heart Failure Association, Heart Failure Society of America, and Japanese Heart Failure Society Position Statement on Endomyocardial Biopsy. Journal of Cardiac Failure, 2021, 27, 727-743.	0.7	29
564	COVID-19 and gastroenteric manifestations. World Journal of Clinical Cases, 2021, 9, 4990-4997.	0.3	8
565	Current Understanding of Clinical Manifestations of COVID-19 in Glomerular Disease. Glomerular Diseases, 2021, 1, 250-264.	0.2	6
567	A contemporary insight into SARS-CoV-2 pathophysiology, retrieved threat of mutants and prospect of vaccine development. Minerva Biotechnology and Biomolecular Research, 2021, 33, .	0.3	7
568	Molecular Analysis of the Kidney From a Patient With COVID-19–Associated Collapsing Glomerulopathy. Kidney Medicine, 2021, 3, 653-658.	1.0	18
569	Single-nucleus transcriptome analysis of human brain immune response in patients with severe COVID-19. Genome Medicine, 2021, 13, 118.	3.6	81
570	Convalescent plasma treatment for early postâ€kidney transplant acquired COVID‶9. Transplant Infectious Disease, 2021, 23, e13685.	0.7	5
571	Deep spatial profiling of human COVID-19 brains reveals neuroinflammation with distinct microanatomical microglia-T-cell interactions. Immunity, 2021, 54, 1594-1610.e11.	6.6	210
572	Transplant of SARS-CoV-2–infected Living Donor Liver: Case Report. Transplantation Direct, 2021, 7, e721.	0.8	16
573	Multisystemic Cellular Tropism of SARS-CoV-2 in Autopsies of COVID-19 Patients. Cells, 2021, 10, 1900.	1.8	50
574	Targeting neuropilins as a viable SARSâ€CoVâ€2 treatment. FEBS Journal, 2021, 288, 5122-5129.	2.2	11
576	Characteristics of patients with kidney injury associated with COVID-19. International Immunopharmacology, 2021, 96, 107794.	1.7	4
577	Could urinary kidney injury molecule-1 be a good marker in subclinical acute kidney injury in mild to moderate COVID-19 infection?. International Urology and Nephrology, 2021, , 1.	0.6	6
578	Community- versus hospital-acquired acute kidney injury in hospitalised COVID-19 patients. BMC Nephrology, 2021, 22, 269.	0.8	19
579	Fatal attraction: intestinal amebiasis and COVID-19 as risk factors for colonic perforation. Journal of Surgical Case Reports, 2021, 2021, rjab301.	0.2	4
580	Mild COVID-19 and Impaired Blood Cell–Endothelial Crosstalk: Considering Long-Term Use of Antithrombotics?. Thrombosis and Haemostasis, 2022, 122, 123-130.	1.8	15
581	Placental response to maternal SARS-CoV-2 infection. Scientific Reports, 2021, 11, 14390.	1.6	41

#	Article	IF	CITATIONS
582	The Risk Factors and Clinical Outcomes Associated with Acute Kidney Injury in Patients with COVID-19: Data from a Large Cohort in Iran. Kidney and Blood Pressure Research, 2021, 46, 620-628.	0.9	16
583	Ruolo dei marcatori miocardici nelle manifestazioni cardiovascolari di COVID-19. Rivista Italiana Della Medicina Di Laboratorio, 2021, 17, .	0.2	0
585	L-SIGN is a receptor on liver sinusoidal endothelial cells for SARS-CoV-2 virus. JCI Insight, 2021, 6, .	2.3	31
586	Coronavirus Disease 2019 as Cause of Viral Sepsis: A Systematic Review and Meta-Analysis*. Critical Care Medicine, 2021, 49, 2042-2057.	0.4	88
587	Pathophysiology of COVID-19-associated acute kidney injury. Nature Reviews Nephrology, 2021, 17, 751-764.	4.1	280
588	Single-cell RNA sequencing of SARS–CoV-2 cell entry factors in the preconceptional human endometrium. Human Reproduction, 2021, 36, 2709-2719.	0.4	21
589	Viral mapping in COVID-19 deceased in the Augsburg autopsy series of the first wave: A multiorgan and multimethodological approach. PLoS ONE, 2021, 16, e0254872.	1.1	26
591	Acute Kidney Injury in Patients with the New Coronavirus Infection. Messenger of Anesthesiology and Resuscitation, 2021, 18, 7-14.	0.1	1
592	SARS-CoV-2 viremia is associated with distinct proteomic pathways and predicts COVID-19 outcomes. Journal of Clinical Investigation, 2021, 131, .	3.9	94
593	Can SARS-CoV-2 infect the central nervous system via the olfactory bulb or the blood-brain barrier?. Brain, Behavior, and Immunity, 2021, 95, 7-14.	2.0	59
594	Severe SARS-CoV-2 Infection in a Cat with Hypertrophic Cardiomyopathy. Viruses, 2021, 13, 1510.	1.5	26
595	Acute tubulointerstitial nephritis and COVID-19. CKJ: Clinical Kidney Journal, 2021, 14, 2151-2157.	1.4	21
596	The role of natural killer cells in liver inflammation. Seminars in Immunopathology, 2021, 43, 519-533.	2.8	19
597	Are We Paving the Way to Dig Out of the "Pandemic Hole� A Narrative Review on SARS-CoV-2 Vaccination: From Animal Models to Human Immunization. Medical Sciences (Basel, Switzerland), 2021, 9, 53.	1.3	1
598	COVID-19 infection and the kidneys: Learning the lesson. Journal of Infection and Public Health, 2021, 14, 922-926.	1.9	4
599	Liver dysfunction as a respiratory prognostic factor in COVID-19 patients. Acta Hepatologica Japonica, 2021, 62, 429-432.	0.0	0
600	Pathological diagnosis of Coronavirus-related nephropathy: insight from postmortem studies. Critical Reviews in Clinical Laboratory Sciences, 2021, 58, 563-575.	2.7	1
601	Lock, Stock and Barrel: Role of Renin-Angiotensin-Aldosterone System in Coronavirus Disease 2019. Cells, 2021, 10, 1752.	1.8	12

#	Article	IF	CITATIONS
602	Validation of a Prospective Urinalysis-Based Prediction Model for ICU Resources and Outcome of COVID-19 Disease: A Multicenter Cohort Study. Journal of Clinical Medicine, 2021, 10, 3049.	1.0	12
603	Prognostic Factors and Predictors of In-Hospital Mortality Among COVID-19 Patients Admitted to the Intensive Care Unit: An Aid for Triage, Counseling, and Resource Allocation. Cureus, 2021, 13, e16577.	0.2	3
605	Non-human primate models of human respiratory infections. Molecular Immunology, 2021, 135, 147-164.	1.0	17
606	The central role of mitochondrial fitness on antiviral defenses: An advocacy for physical activity during the COVID-19 pandemic. Redox Biology, 2021, 43, 101976.	3.9	36
607	COVID-19: Unmasking Emerging SARS-CoV-2 Variants, Vaccines and Therapeutic Strategies. Biomolecules, 2021, 11, 993.	1.8	136
608	Incidence, risk factors and outcome of acute kidney injuryÂ(AKI) in patients with COVID-19. Clinical and Experimental Nephrology, 2021, 25, 1203-1214.	0.7	27
609	COVID-19 in pediatric population. Bulletin Physiology and Pathology of Respiration, 2021, , 100-114.	0.0	7
611	SARS-CoV-2 Poorly Replicates in Cells of the Human Blood-Brain Barrier Without Associated Deleterious Effects. Frontiers in Immunology, 2021, 12, 697329.	2.2	26
612	Acute Kidney Injury Incidence, Recovery, and Long-term Kidney Outcomes Among Hospitalized Patients With COVID-19 and Influenza. Kidney International Reports, 2021, 6, 2565-2574.	0.4	22
613	What the HEC happens around the heart during COVID-19?. Basic Research in Cardiology, 2021, 116, 43.	2.5	O
615	The Pathogenic Features of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Possible Mechanisms for Immune Evasion?. Frontiers in Immunology, 2021, 12, 693579.	2.2	2
616	The effect of estrogen in coronavirus disease 2019. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L219-L227.	1.3	19
617	Identification of a special cell type as a determinant of the kidney tropism of SARS oVâ€2. FEBS Journal, 2021, 288, 5163-5178.	2.2	5
618	A GRANDE VARIAÇÃO NOS TIPOS DE SINTOMAS E AS DOENÇAS SECUNDÃRIAS CAUSADAS PELA COVID-19. Biomotriz, 2021, 15, 259-268.	0.1	O
619	Translational deep phenotyping of deaths related to the COVID-19 pandemic: protocol for a prospective observational autopsy study. BMJ Open, 2021, 11, e049083.	0.8	1
620	Cellular and Molecular Effects of SARS-CoV-2 Linking Lung Infection to the Brain. Frontiers in Immunology, 2021, 12, 730088.	2.2	12
621	Potential Physiological and Cellular Mechanisms of Exercise That Decrease the Risk of Severe Complications and Mortality Following SARS-CoV-2 Infection. Sports, 2021, 9, 121.	0.7	4
622	The development of Nanosota-1 as anti-SARS-CoV-2 nanobody drug candidates. ELife, 2021, 10, .	2.8	42

#	Article	IF	CITATIONS
624	Clinical Characteristics and Early Outcomes of Hospitalized COVID-19 Patients with End-Stage Kidney Disease in Saudi Arabia. International Journal of General Medicine, 2021, Volume 14, 4837-4845.	0.8	9
625	3D Bioprinting for fabrication of tissue models of COVID-19 infection. Essays in Biochemistry, 2021, 65, 503-518.	2.1	11
626	Thrombotic and Hypercoagulability Complications of COVID-19: An Update. Journal of Blood Medicine, 2021, Volume 12, 785-793.	0.7	14
627	Therapeutic potential of mesenchymal stem cells in multiple organs affected by COVID-19. Life Sciences, 2021, 278, 119510.	2.0	8
628	Outcomes of renal replacement therapy in the critically ill with COVID-19. Medicina Intensiva (English) Tj ETQq0	0 0 rgBT /	Overlock 10 1
630	Endothelial Dysfunction, Inflammation, and Oxidative Stress in COVID-19â€"Mechanisms and Therapeutic Targets. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	66
631	CD99 and polymeric immunoglobulin receptor peptides deregulation in critical COVIDâ€19: A potential link to molecular pathophysiology?. Proteomics, 2021, 21, e2100133.	1.3	16
633	Myocarditis With COVID-19 mRNA Vaccines. Circulation, 2021, 144, 471-484.	1.6	620
634	Severe Acute Respiratory Syndrome Coronavirus 2 Viremia Is Associated With Coronavirus Disease 2019 Severity and Predicts Clinical Outcomes. Clinical Infectious Diseases, 2022, 74, 1525-1533.	2.9	96
635	Abnormal apelin-ACE2 and SGLT2 signaling contribute to adverse cardiorenal injury in patients with COVID-19. International Journal of Cardiology, 2021, 336, 123-129.	0.8	11
636	A model of the innate immune response to SARS-CoV-2 in the alveolar epithelium. Royal Society Open Science, 2021, 8, 210090.	1.1	4
637	Long COVID: Distinction between Organ Damage and Deconditioning. Journal of Clinical Medicine, 2021, 10, 3782.	1.0	26
638	Hepatic Vasculopathy and Regenerative Responses of the Liver in Fatal Cases of COVID-19. Clinical Gastroenterology and Hepatology, 2021, 19, 1726-1729.e3.	2.4	30
639	Characterization of Virus Replication, Pathogenesis, and Cytokine Responses in Syrian Hamsters Inoculated with SARS-CoV-2. Journal of Inflammation Research, 2021, Volume 14, 3781-3795.	1.6	13
640	Treatment of COVID-19 patients with quercetin: a prospective, single center, randomized, controlled trial. Turkish Journal of Biology, 2021, 45, 518-529.	2.1	21
642	Cystatin C, COVID-19 severity and mortality: a systematic review and meta-analysis. Journal of Nephrology, 2021, , 1.	0.9	13
643	The effect of SARS-CoV-2 on the nervous system: a review of neurological impacts caused by human coronaviruses. Reviews in the Neurosciences, 2022, 33, 257-268.	1.4	3
644	Chronic kidney disease linked to SARS-CoV-2 infection: a case report. BMC Nephrology, 2021, 22, 278.	0.8	4

#	Article	IF	CITATIONS
645	Outcomes of renal replacement therapy in the critically ill with COVID-19. Medicina Intensiva, 2021, 45, 325-331.	0.4	10
647	Chronic SARS-CoV-2, a Cause of Post-acute COVID-19 Sequelae (Long-COVID)?. Frontiers in Microbiology, 2021, 12, 724654.	1.5	17
648	Acute Kidney Injury in Pediatric Acute SARS-CoV-2 Infection and Multisystem Inflammatory Syndrome in Children (MIS-C): Is There a Difference?. Frontiers in Pediatrics, 2021, 9, 692256.	0.9	10
649	Rapid generation of mouse model for emerging infectious disease with the case of severe COVID-19. PLoS Pathogens, 2021, 17, e1009758.	2.1	17
650	Animal Models for COVID-19: Hamsters, Mouse, Ferret, Mink, Tree Shrew, and Non-human Primates. Frontiers in Microbiology, 2021, 12, 626553.	1.5	90
651	COVID-19: a Disease with a Potpourri of Histopathologic Findings—a Literature Review and Comparison to the Closely Related SARS and MERS. SN Comprehensive Clinical Medicine, 2021, 3, 2407-2434.	0.3	6
652	Next-Generation Human Cerebral Organoids as Powerful Tools To Advance NeuroHIV Research. MBio, 2021, 12, e0068021.	1.8	10
653	SARS-CoV-2 infects human pancreatic \hat{l}^2 cells and elicits \hat{l}^2 cell impairment. Cell Metabolism, 2021, 33, 1565-1576.e5.	7.2	225
654	Identification of cell lines CL-14, CL-40 and CAL-51 as suitable models for SARS-CoV-2 infection studies. PLoS ONE, 2021, 16, e0255622.	1.1	21
655	The Efficacy of COVID-19 Vaccines in Chronic Kidney Disease and Kidney Transplantation Patients: A Narrative Review. Vaccines, 2021, 9, 885.	2.1	57
656	Neurologic Manifestations and Complications of COVID-19. Annual Review of Medicine, 2022, 73, 113-127.	5.0	19
657	Critical View of Novel Treatment Strategies for Glioblastoma: Failure and Success of Resistance Mechanisms by Glioblastoma Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 695325.	1.8	27
658	Post-Intensive Care Syndrome and Its New Challenges in Coronavirus Disease 2019 (COVID-19) Pandemic: A Review of Recent Advances and Perspectives. Journal of Clinical Medicine, 2021, 10, 3870.	1.0	50
659	Tissue-based SARS-CoV-2 detection in fatal COVID-19 infections: Sustained direct viral-induced damage is not necessary to drive disease progression. Human Pathology, 2021, 114, 110-119.	1.1	32
660	Genome-wide CRISPR activation screen identifies candidate receptors for SARS-CoV-2 entry. Science China Life Sciences, 2022, 65, 701-717.	2.3	48
661	Cardiovascular system and coronavirus disease-2019 (COVID-19): mutual injuries and unexpected outcomes. Egyptian Heart Journal, 2021, 73, 77.	0.4	4
662	Mesenchymal stem cell therapy for severe COVID-19. Signal Transduction and Targeted Therapy, 2021, 6, 339.	7.1	58
663	Multiorgan tropism of SARS-CoV-2 lineage B.1.1.7. International Journal of Legal Medicine, 2021, 135, 2347-2349.	1.2	12

#	Article	IF	CITATIONS
665	Pathology of lungâ€specific thrombosis and inflammation in COVIDâ€19. Journal of Thrombosis and Haemostasis, 2021, 19, 3062-3072.	1.9	28
666	Evolutionary genetics and acclimatization in nephrology. Nature Reviews Nephrology, 2021, 17, 827-839.	4.1	5
667	Thimet Oligopeptidaseâ€"A Classical Enzyme with New Function and New Form. Immuno, 2021, 1, 332-346.	0.6	1
669	COVID-19 Vaccines: Current Conditions and Future Prospects. Biology, 2021, 10, 960.	1.3	14
670	Brain Organoids: Studying Human Brain Development and Diseases in a Dish. Stem Cells International, 2021, 2021, 1-16.	1.2	10
671	Revealed pathophysiological mechanisms of crosslinking interaction of affected vital organs in COVID-19. Comparative Clinical Pathology, 2021, 30, 1-17.	0.3	1
672	Long-term effects of Covid-19 on the kidney. QJM - Monthly Journal of the Association of Physicians, 2021, 114, 621-622.	0.2	8
673	High-Flow Nasal Cannula and COVID-19: A Clinical Review. Respiratory Care, 2022, 67, 227-240.	0.8	51
674	Two Patients With Severe COVID Pneumonia Treated With the Seraph-100 Microbind Affinity Blood Filter. Journal of Intensive Care Medicine, 2021, 36, 1228-1232.	1.3	4
675	Cellular host factors for SARS-CoV-2 infection. Nature Microbiology, 2021, 6, 1219-1232.	5.9	127
676	Neuropsychiatric manifestations of COVID-19, potential neurotropic mechanisms, and therapeutic interventions. Translational Psychiatry, 2021, 11, 499.	2.4	35
677	Renal Involvement in Pediatric Patients with COVID-19: An Up-to-date Review. Current Pediatric Reviews, 2021, 17, 253-263.	0.4	4
678	Recognition of Long-COVID-19 Patients in a Canadian Tertiary Hospital Setting: A Retrospective Analysis of Their Clinical and Laboratory Characteristics. Pathogens, 2021, 10, 1246.	1.2	15
679	The coexistence of low albumin levels and obesity worsens clinical outcomes among subjects admitted for sars-cov-2 infection. Clinical Nutrition ESPEN, 2021, 46, 434-438.	0.5	1
680	Medios noticiosos y audiencias: una exploraci \tilde{A}^3 n al consumo y a la credibilidad y confianza en estos durante la cuarentena por covid-19 en Colombia. Revista De Comunicacion, 2021, 20, 113-129.	0.4	0
681	Prospective postmortem evaluation of 735 consecutive SARS-CoV-2-associated death cases. Scientific Reports, 2021, 11, 19342.	1.6	28
682	SARS-CoV-2 crosses the blood–brain barrier accompanied with basement membrane disruption without tight junctions alteration. Signal Transduction and Targeted Therapy, 2021, 6, 337.	7.1	157
683	Acute kidney injury in a patient with COVID-19: Answers. Pediatric Nephrology, 2021, 36, 4111-4113.	0.9	1

#	Article	IF	CITATIONS
685	Immunotherapy Summary for Cytokine Storm in COVID-19. Frontiers in Pharmacology, 2021, 12, 731847.	1.6	9
686	Antifungal prophylaxis for prevention of COVID-19-associated pulmonary aspergillosis in critically ill patients: an observational study. Critical Care, 2021, 25, 335.	2.5	61
687	High-flow nasal cannula therapy in a predominantly African American population with COVID-19 associated acute respiratory failure. BMJ Open Respiratory Research, 2021, 8, e000875.	1.2	2
688	Histopathological features of SARS-CoV-2 infection and relationships with organoid technology. Journal of International Medical Research, 2021, 49, 030006052110443.	0.4	0
689	Rethinking Remdesivir: Synthesis, Antiviral Activity, and Pharmacokinetics of Oral Lipid Prodrugs. Antimicrobial Agents and Chemotherapy, 2021, 65, e0115521.	1.4	43
690	Post-viral effects of COVID-19 in the olfactory system and their implications. Lancet Neurology, The, 2021, 20, 753-761.	4.9	119
691	Molecular Profiling of Coronavirus Disease 2019 (COVID-19) Autopsies Uncovers Novel Disease Mechanisms. American Journal of Pathology, 2021, 191, 2064-2071.	1.9	14
692	Application of Human Induced Pluripotent Stem Cell-Derived Cellular and Organoid Models for COVID-19 Research. Frontiers in Cell and Developmental Biology, 2021, 9, 720099.	1.8	14
693	Vaccination Hesitancy and Postacute Sequelae of SARS-CoV-2: Is It Time to Reconsider?. Viral Immunology, 2021, 34, 666-668.	0.6	4
694	Age and Sex Modulate SARS-CoV-2 Viral Load Kinetics: A Longitudinal Analysis of 1735 Subjects. Journal of Personalized Medicine, 2021, 11, 882.	1.1	6
695	Noninvasive respiratory support and patient self-inflicted lung injury in COVID-19: a narrative review. British Journal of Anaesthesia, 2021, 127, 353-364.	1.5	64
696	Autopsy-Based Pulmonary and Vascular Pathology: Pulmonary Endotheliitis and Multi-Organ Involvement in COVID-19 Associated Deaths. Respiration, 2022, 101, 155-165.	1.2	25
697	Histopathologic findings on indication renal allograft biopsies after recovery from acute COVIDâ€19. Clinical Transplantation, 2021, 35, e14486.	0.8	12
698	Interação COVID-19/tuberculose: como a persistência de uma doença milenar impacta na gravidade de uma pandemia emergente. Research, Society and Development, 2021, 10, e305101119754.	0.0	1
699	Addressing the â€ ⁻ hypoxia paradox' in severe COVID-19: literature review and report of four cases treated with erythropoietin analogues. Molecular Medicine, 2021, 27, 120.	1.9	9
700	Philadelphia-Negative Myeloproliferative Neoplasms Around the COVID-19 Pandemic. Current Hematologic Malignancy Reports, 2021, 16, 455-463.	1.2	5
701	Human Type II Taste Cells Express Angiotensin-Converting Enzyme 2 and Are Infected by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). American Journal of Pathology, 2021, 191, 1511-1519.	1.9	62
702	Electrocardiographic manifestations of COVID-19: Effect on cardiac activation and repolarization. EClinicalMedicine, 2021, 39, 101057.	3.2	11

#	Article	IF	CITATIONS
703	Neurological manifestations of COVID-19: A comprehensive literature review and discussion of mechanisms. Journal of Neuroimmunology, 2021, 358, 577658.	1.1	52
704	Emerging potential mechanisms and predispositions to the neurological manifestations of COVID-19. Journal of the Neurological Sciences, 2021, 428, 117608.	0.3	16
705	Evaluation of Epidemic Prevention Abilities for Severe Acute Respiratory Syndrome Coronavirus-2 and Middle East Respiratory Syndrome Coronavirus in South Korea. Jundishapur Journal of Microbiology, $2021, 14, \ldots$	0.2	1
706	Hyperglycemia in acute COVID-19 is characterized by insulin resistance and adipose tissue infectivity by SARS-CoV-2. Cell Metabolism, 2021, 33, 2174-2188.e5.	7.2	127
707	Host proviral and antiviral factors for SARS-CoV-2. Virus Genes, 2021, 57, 475-488.	0.7	11
708	The rise in cases of mucormycosis, candidiasis and aspergillosis amidst COVID19. Fungal Biology Reviews, 2021, 38, 67-91.	1.9	22
709	Quantifying Viral Particle Aerosolization Risk During Tracheostomy Surgery and Tracheostomy Care. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 797.	1.2	16
710	SARS-CoV-2 Disrupts Proximal Elements in the JAK-STAT Pathway. Journal of Virology, 2021, 95, e0086221.	1.5	58
711	Molecular genetic changes in kidney tissue in patients with COVID-19. Issledovani \tilde{A}^{φ} I Praktika V Medicine, 2021, 8, 45-51.	0.1	0
714	Covid-19 interface with drug misuse and substance use disorders. Neuropharmacology, 2021, 198, 108766.	2.0	16
715	Cell entry by SARS-CoV-2. Trends in Biochemical Sciences, 2021, 46, 848-860.	3.7	118
716	Biological and Psychological Factors Determining Neuropsychiatric Outcomes in COVID-19. Current Psychiatry Reports, 2021, 23, 68.	2.1	17
717	Rhabdomyolysis in Severe COVID-19: Male Sex, High Body Mass Index, and Prone Positioning Confer High Risk. Journal of Surgical Research, 2021, 266, 35-43.	0.8	13
718	Kidney injury in COVID-19 patients, drug development and their renal complications: Review study. Biomedicine and Pharmacotherapy, 2021, 142, 111966.	2.5	22
719	In silico analysis of the aggregation propensity of the SARS-CoV-2 proteome: Insight into possible cellular pathologies. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140693.	1.1	7
720	Acute Kidney Injury in Severe COVID-19 Has Similarities to Sepsis-Associated Kidney Injury. Mayo Clinic Proceedings, 2021, 96, 2561-2575.	1.4	41
721	Outpatient and inpatient anticoagulation therapy and the risk for hospital admission and death among COVID-19 patients. EClinicalMedicine, 2021, 41, 101139.	3.2	19
722	Inactivation of SARS-CoV-2 by \hat{I}^2 -propiolactone causes aggregation of viral particles and loss of antigenic potential. Virus Research, 2021, 305, 198555.	1.1	29

#	Article	IF	CITATIONS
723	Matrix metalloproteinases are involved in the development of neurological complications in patients with Coronavirus disease 2019. International Immunopharmacology, 2021, 100, 108076.	1.7	24
724	COVID-19, what could sepsis, severe acute pancreatitis, gender differences, and aging teach us?. Cytokine, 2021, 148, 155628.	1.4	12
725	Symptomatology and Clinical Features of Human COVID-19. Advances in Medical Diagnosis, Treatment, and Care, 2022, , 28-57.	0.1	1
726	Liver Injury in COVID-19 Patients. Advances in Medical Diagnosis, Treatment, and Care, 2022, , 141-158.	0.1	0
728	Neuropathology associated with SARS-CoV-2 infection. Lancet, The, 2021, 397, 276.	6.3	13
729	COVID-19 in CKD Patients: Lessons from 553 CKD Patients with Biopsy-Proven Kidney Disease. Kidney and Blood Pressure Research, 2021, 46, 452-459.	0.9	2
730	Multi-Organ Involvement in COVID-19: Beyond Pulmonary Manifestations. Journal of Clinical Medicine, 2021, 10, 446.	1.0	102
731	Histopathology and Ultrastructural Findings of Fatal COVID-19 Infections on Testis. World Journal of Men?s Health, 2021, 39, 65.	1.7	89
732	SARS-CoV-2â€"specific antibody rearrangements in prepandemic immune repertoires of risk cohorts and patients with COVID-19. Journal of Clinical Investigation, 2021, 131, .	3.9	25
733	Landscape of Tâ€cell repertoires with public COVIDâ€19â€associated Tâ€cell receptors in preâ€pandemic risk cohorts. Clinical and Translational Immunology, 2021, 10, e1340.	1.7	16
734	Neuroinvasion and Encephalitis Following Intranasal Inoculation of SARS-CoV-2 in K18-hACE2 Mice. Viruses, 2021, 13, 132.	1.5	197
735	AXL is a candidate receptor for SARS-CoV-2 that promotes infection of pulmonary and bronchial epithelial cells. Cell Research, 2021, 31, 126-140.	5.7	356
736	Dissecting strategies to tune the therapeutic potential of SARS-CoV-2–specific monoclonal antibody CR3022. JCI Insight, 2021, 6, .	2.3	34
737	Pharmacotherapeutics of SARS-CoV-2 Infections. Journal of NeuroImmune Pharmacology, 2021, 16, 12-37.	2.1	4
739	Insights into Pathology and Pathogenesis of Coronavirus Disease 2019 from a Histopathological and Immunological Perspective. JMA Journal, 2021, 4, 179-186.	0.6	5
741	A Bioelectromagnetic Proposal Approaching the Complex Challenges of COVID-19. Open Journal of Biophysics, 2021, 11, 1-67.	0.7	1
742	COVID-19 Related Cardiovascular Comorbidities and Complications in Critically Ill Patients: A Systematic Review and Meta-analysis. Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, 2021, 15, 117954842199232.	0.5	5
743	Evidence of Severe Acute Respiratory Syndrome Coronavirus 2 Replication and Tropism in the Lungs, Airways, and Vascular Endothelium of Patients With Fatal Coronavirus Disease 2019: An Autopsy Case Series. Journal of Infectious Diseases, 2021, 223, 752-764.	1.9	89

#	Article	IF	Citations
744	Lessons learned 1 year after SARS-CoV-2 emergence leading to COVID-19 pandemic. Emerging Microbes and Infections, 2021, 10, 507-535.	3.0	202
745	Do an Altered Gut Microbiota and an Associated Leaky Gut Affect COVID-19 Severity?. MBio, 2021, 12, .	1.8	62
746	Global pandemics interconnected â€" obesity, impaired metabolic health and COVID-19. Nature Reviews Endocrinology, 2021, 17, 135-149.	4.3	326
748	A comprehensive review of SARS-CoV-2 genetic mutations and lessons from animal coronavirus recombination in one health perspective. Journal of Microbiology, 2021, 59, 332-340.	1.3	19
749	Innate Immunity Plays a Key Role in Controlling Viral Load in COVID-19: Mechanistic Insights from a Whole-Body Infection Dynamics Model. ACS Pharmacology and Translational Science, 2021, 4, 248-265.	2.5	36
7 50	Progress report on the coronavirus pandemic. Nature, 2020, 584, 325-325.	13.7	12
751	ACE2, the kidney and the emergence of COVID-19 two decades after ACE2 discovery. Clinical Science, 2020, 134, 2791-2805.	1.8	14
752	ACE2, angiotensin 1-7 and skeletal muscle: review in the era of COVID-19. Clinical Science, 2020, 134, 3047-3062.	1.8	38
753	ACE2: from protection of liver disease to propagation of COVID-19. Clinical Science, 2020, 134, 3137-3158.	1.8	35
754	Pathophysiology and Pathology of Acute Kidney Injury in Patients With COVID-19. Advances in Chronic Kidney Disease, 2020, 27, 365-376.	0.6	101
755	COVID-19–Related Collapsing Glomerulopathy in a Kidney Transplant Recipient. American Journal of Kidney Diseases, 2020, 76, 590-594.	2.1	37
757	Cerebrospinal Analysis in Patients With COVID-19. Open Forum Infectious Diseases, 2020, 7, ofaa501.	0.4	14
758	Adaptation of advanced clinical virology assays from HIV-1 to SARS-CoV-2. Current Opinion in HIV and AIDS, 2021, 16, 3-10.	1.5	2
759	Comparison of RNA In Situ Hybridization and Immunohistochemistry Techniques for the Detection and Localization of SARS-CoV-2 in Human Tissues. American Journal of Surgical Pathology, 2021, 45, 14-24.	2.1	86
760	De Novo Focal and Segmental Glomerulosclerosis After COVID-19 in a Patient With a Transplanted Kidney From a Donor With a High-risk APOL1 Variant. Transplantation, 2021, 105, 206-211.	0.5	12
810	Role of serum albumin and proteinuria in patients with SARSâ€CoVâ€⊋ pneumonia. International Journal of Clinical Practice, 2021, 75, e13946.	0.8	22
811	Dental diseases are associated with increased odds ratio for coronavirus disease 19. Oral Diseases, 2022, 28, 991-993.	1.5	11
812	Renal Injury by SARS-CoV-2 Infection: A Systematic Review. Kidney Diseases (Basel, Switzerland), 2021, 7, 100-110.	1.2	45

#	Article	IF	CITATIONS
813	The complement system in COVID-19: friend and foe?. JCI Insight, 2020, 5, .	2.3	295
814	Clinical Characteristics and Outcomes of Non-ICU Hospitalization for COVID-19 in a Nonepicenter, Centrally Monitored Healthcare System. Journal of Hospital Medicine, 2020, 16, 7-14.	0.7	11
815	A network medicine approach to investigation and population-based validation of disease manifestations and drug repurposing for COVID-19. PLoS Biology, 2020, 18, e3000970.	2.6	139
816	Kidney ACE2 expression: Implications for chronic kidney disease. PLoS ONE, 2020, 15, e0241534.	1.1	26
817	Biodistribution and serologic response in SARS-CoV-2 induced ARDS: A cohort study. PLoS ONE, 2020, 15, e0242917.	1.1	12
818	High rate of renal recovery in survivors of COVID-19 associated acute renal failure requiring renal replacement therapy. PLoS ONE, 2020, 15, e0244131.	1.1	46
819	On the whereabouts of SARS-CoV-2 in the human body: A systematic review. PLoS Pathogens, 2020, 16, e1009037.	2.1	168
820	Do genetic polymorphisms in angiotensin converting enzyme 2 (<i>ACE2</i>) gene play a role in coronavirus disease 2019 (COVID-19)?. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1415-1422.	1.4	55
821	<scp>SARS</scp> oVâ€2 targets neurons of 3D human brain organoids. EMBO Journal, 2020, 39, e106230.	3.5	401
822	SARSâ€CoVâ€2 outbreak investigation in a German meat processing plant. EMBO Molecular Medicine, 2020, 12, e13296.	3.3	137
823	Insights into Potential Mechanisms of Injury and Treatment Targets in COVID-19, SARS-Cov-2 Infection. International Journal of Clinical Research & Trials, 2020, 5, .	1.6	5
825	COVID-19 Pandemic and Research Publications; Necessity of Maintaining Scientific Integrity. International Annals of Science, 2020, 10, 1-6.	0.4	3
826	Acute Kidney Injury is Associated with Worse Prognosis In COVID-19 Patients: A Systematic Review and Meta-analysis. Acta Biomedica, 2020, 91, e2020029.	0.2	19
827	Early Insights into COVID-19 in Persons Living with HIV and Cardiovascular Manifestations. , 2020, 2, 68-74.		1
828	Impact of Comorbidities on SARS-CoV-2 Viral Entry-Related Genes. Journal of Personalized Medicine, 2020, 10, 146.	1.1	17
829	Endothelium Infection and Dysregulation by SARS-CoV-2: Evidence and Caveats in COVID-19. Viruses, 2021, 13, 29.	1.5	118
830	Spectrum of Neurological Manifestations in Covid-19: A Review. Neurology India, 2020, 68, 560.	0.2	93
831	COVID-19: An up-to-date review – from morphology to pathogenesis. Indian Journal of Pathology and Microbiology, 2020, 63, 358.	0.1	26

#	Article	IF	CITATIONS
832	Case Report: COVID-19 Associated Renal Infarction and Ascending Aortic Thrombosis. American Journal of Tropical Medicine and Hygiene, 2020, 103, 1989-1992.	0.6	25
833	Stroke in Coronavirus Disease 2019: A Systematic Review. Journal of Stroke, 2020, 22, 324-335.	1.4	32
834	Characteristics and outcomes of patients with COVID-19 admitted to the ICU in a university hospital in São Paulo, Brazil - study protocol. Clinics, 2020, 75, e2294.	0.6	11
835	Inhibition of SARS-CoV-2 viral entry upon blocking N- and O-glycan elaboration. ELife, 2020, 9, .	2.8	165
836	Coronavirus Disease 2019-Induced Rhabdomyolysis. Cureus, 2020, 12, e10123.	0.2	17
837	Effect of COVID-19 on the Organs. Cureus, 2020, 12, e9540.	0.2	103
838	Inhaled and systemic heparin as a repurposed direct antiviral drug for prevention and treatment of COVID-19. Clinical Medicine, 2020, 20, e218-e221.	0.8	39
839	N-terminal domain mutations of the spike protein are structurally implicated in epitope recognition in emerging SARS-CoV-2 strains. Computational and Structural Biotechnology Journal, 2021, 19, 5556-5567.	1.9	39
840	Current conception about the pathogenesis and intensive care of severe COVID-19 (review). ScienceRise: Medical Science, 2021, , 4-9.	0.0	0
841	Possible Involvement of Adipose Tissue in Patients With Older Age, Obesity, and Diabetes With SARS-CoV-2 Infection (COVID-19) via GRP78 (BIP/HSPA5): Significance of Hyperinsulinemia Management in COVID-19. Diabetes, 2021, 70, 2745-2755.	0.3	38
842	Molecular mechanisms of vasculopathy and coagulopathy in COVID-19. Biological Chemistry, 2021, 402, 1505-1518.	1.2	10
843	Use of Organs from SARS-CoV-2 Infected Donors: Is It Safe? A Contemporary Review. Current Transplantation Reports, 2021, 8, 281-292.	0.9	38
844	Is Ferroptosis a Key Component of the Process Leading to Multiorgan Damage in COVID-19?. Antioxidants, 2021, 10, 1677.	2.2	43
845	Hematuria as an Early Sign of Multisystem Inflammatory Syndrome in Children: A Case Report of a Boy With Multiple Comorbidities and Review of Literature. Frontiers in Pediatrics, 2021, 9, 760070.	0.9	8
847	Recent Advances of COVID-19 Modeling Based on Regenerative Medicine. Frontiers in Cell and Developmental Biology, 2021, 9, 683619.	1.8	8
848	Activation of STAT3 signaling pathway in the kidney of COVID-19 patients. Journal of Nephrology, 2022, 35, 735-743.	0.9	10
849	Mitochondrial Dynamics in SARS-COV2 Spike Protein Treated Human Microglia: Implications for Neuro-COVID. Journal of NeuroImmune Pharmacology, 2021, 16, 770-784.	2.1	37
850	Oral lesions and SARSâ€CoVâ€2: A postmortem study. Oral Diseases, 2022, 28, 2551-2555.	1.5	5

#	ARTICLE	IF	CITATIONS
851	Spontaneous Subarachnoid Haemorrhage in a Case with Covid-19 Infection - Effect or Association? A Case Report. Journal of Evolution of Medical and Dental Sciences, 2021, 10, 3607-3609.	0.1	0
852	All-cause mortality in COVID-19 patients receiving statin therapy: analysis of veterans affairs database cohort study. Internal and Emergency Medicine, 2022, 17, 685-694.	1.0	10
853	Highly efficient intercellular spreading of protein misfolding mediated by viral ligand-receptor interactions. Nature Communications, 2021, 12, 5739.	5.8	42
854	The Role of the Immune System on the Cardiac Complications Observed in SARS-CoV-2. International Journal of Cardiovascular Sciences, 2021, , .	0.0	0
856	A Pilot Study of Urine Proteomics in COVID-19–Associated Acute Kidney Injury. Kidney International Reports, 2021, 6, 3064-3069.	0.4	5
858	Glucocorticoids Induce Partial Remission of Focal Segmental Glomerulosclerosis but Not Interstitial Nephritis in COVID-19 Acute Kidney Injury in an APOL1 Low-Risk Genotype White Patient. American Journal of Case Reports, 2021, 22, e933462.	0.3	6
859	The SARS-CoV-2 main protease Mpro causes microvascular brain pathology by cleaving NEMO in brain endothelial cells. Nature Neuroscience, 2021, 24, 1522-1533.	7.1	164
860	WIN 55,212-2 shows anti-inflammatory and survival properties in human iPSC-derived cardiomyocytes infected with SARS-CoV-2. PeerJ, 2021, 9, e12262.	0.9	5
861	Survey on postmortem screening and management of COVID-19 related deaths. Pathologica, 2021, 113, 1-8.	1.3	1
862	Cardiac SARS-CoV-2 infection is associated with pro-inflammatory transcriptomic alterations within the heart. Cardiovascular Research, 2022, 118, 542-555.	1.8	42
863	Hamster organotypic modeling of SARS-CoV-2 lung and brainstem infection. Nature Communications, 2021, 12, 5809.	5.8	37
864	COVID-19 and coagulation test. Japanese Journal of Thrombosis and Hemostasis, 2020, 31, 604-618.	0.1	1
865	Renal involvement in patients with COVID-19. Clinics, 2020, 75, e2194.	0.6	1
866	Stroke in critical COVID-19 patients: a cautionary tale from the frontlines. Archives of Medical Sciences Atherosclerotic Diseases, 2020, 5, 263-270.	0.5	1
873	Organoids: a new research model for SARS-CoV-2infection and treatment. Scientia Sinica Vitae, 2023, 53, 238-249.	0.1	1
874	Imaging Findings of COVID-19–Related Cardiovascular Complications. Cardiac Electrophysiology Clinics, 2022, 14, 79-93.	0.7	4
875	COVID-19: The Cause of the Manifested Cardiovascular Complications During the Pandemic. Frontiers in Cardiovascular Medicine, 2021, 8, 744482.	1.1	3
876	Neurological Presentations in Patients with COVID-19 in Cytokine Storm. Canadian Journal of Neurological Sciences, 2023, 50, 89-95.	0.3	4

#	Article	IF	CITATIONS
878	Infection of Brain Pericytes Underlying Neuropathology of COVID-19 Patients. International Journal of Molecular Sciences, 2021, 22, 11622.	1.8	41
879	COVID-19, Acute Myocardial Injury, and Infarction. Cardiac Electrophysiology Clinics, 2022, 14, 29-39.	0.7	30
880	COVID-19 Clinical Phenotypes: Presentation and Temporal Progression of Disease in a Cohort of Hospitalized Adults in Georgia, United States. Open Forum Infectious Diseases, 2021, 8, ofaa596.	0.4	10
881	SARS-CoV-2 Transmission Risk and Oral Decontamination: Scarce Evidence Albeit Promising Future. Universitas Odontologica: Revista Cientifica De La Facultad De Odontologica, 0, 39, .	0.2	O
885	COVID-19 infection: a magnified look at the kidneys. Kasr Al Ainy Medical Journal, 2020, 26, 33.	0.1	0
886	Acute Kidney Injury and Renal Replacement Therapy in COVID-19 Versus Other Respiratory Viruses: A Systematic Review and Meta-Analysis. Canadian Journal of Kidney Health and Disease, 2021, 8, 205435812110521.	0.6	12
887	Comparison of SARS-CoV-2 Receptors Expression in Primary Endothelial Cells and Retinoic Acid-Differentiated Human Neuronal Cells. Viruses, 2021, 13, 2193.	1.5	10
888	Contemplating SARS-CoV-2 infectivity with respect to ABO blood groups. International Journal of Clinical Virology, 2021, 5, 082-086.	0.1	2
889	Kidney in the net of acute and long-haul coronavirus disease 2019: a potential role for lipid mediators in causing renal injury and fibrosis. Current Opinion in Nephrology and Hypertension, 2022, 31, 36-46.	1.0	11
890	COVID-19 Anosmia: High Prevalence, Plural Neuropathogenic Mechanisms, and Scarce Neurotropism of SARS-CoV-2?. Viruses, 2021, 13, 2225.	1.5	25
891	Single-Cell RNA Sequencing of Urinary Cells Reveals Distinct Cellular Diversity in COVID-19–Associated AKI. Kidney360, 2022, 3, 28-36.	0.9	12
892	Potent Anti-SARS-CoV-2 Activity by the Natural Product Gallinamide A and Analogues via Inhibition of Cathepsin L. Journal of Medicinal Chemistry, 2022, 65, 2956-2970.	2.9	46
893	Shortâ€ŧerm liver transplant outcomes from SARS oVâ€2 lower respiratory tract NAT positive donors. Transplant Infectious Disease, 2022, 24, .	0.7	19
895	Nefropatia associata al SARS-CoV-2: cosa sappiamo finora. Giornale Di Clinica Nefrologica E Dialisi, 2020, 32, 102-106.	0.0	0
903	COVID-19: Understanding the Pandemic Emergence, Impact and Infection Prevalence Worldwide. Journal of Pure and Applied Microbiology, 2020, 14, 2235-2251.	0.3	1
904	COVID-19 PANDEMİSİNDE NEFROLOJİ KLİNİKLERİNİN Y×NETİMİ. Namık Kemal Tıp Dergisi, 0,	,0.0	0
906	Interleukin-6 in SARS-CoV-2 induced disease: Interactions and therapeutic applications. Biomedicine and Pharmacotherapy, 2022, 145, 112419.	2.5	34
907	MPO-ANCA-positive Microscopic Polyangiitis Following COVID-19 Infection. Internal Medicine, 2022, 61, 567-570.	0.3	10

#	ARTICLE	IF	CITATIONS
908	Spike protein multiorgan tropism suppressed by antibodies targeting SARS-CoV-2. Communications Biology, 2021, 4, 1318.	2.0	8
909	Pathophysiology of COVID-19-Associated Neurotoxicity. , 2022, , 1-41.		5
910	Receptome profiling identifies KREMEN1 and ASGR1 as alternative functional receptors of SARS-CoV-2. Cell Research, 2022, 32, 24-37.	5.7	98
911	COVID-19 associated collapsing glomerulopathy presenting as acute kidney injury on chronic kidney disease: a case report and review of the literature. CEN Case Reports, 2022, 11, 273-277.	0.5	7
912	Quantitative Analysis of SARS-CoV-2 Viral Load in the Lungs of COVID-19 Deceased Patients. Tuberculosis and Lung Diseases, 2021, 99, 7-15.	0.2	1
913	Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage. Vascular Pharmacology, 2022, 142, 106946.	1.0	59
914	Neurologic and cognitive sequelae after SARS-CoV2 infection: Different impairment for ICU patients. Journal of the Neurological Sciences, 2022, 432, 120061.	0.3	27
915	Phosphatidylserine receptors enhance SARS-CoV-2 infection. PLoS Pathogens, 2021, 17, e1009743.	2.1	55
916	Mechanisms of COVID-19-induced kidney injury and current pharmacotherapies. Inflammation Research, 2022, 71, 39-56.	1.6	23
917	Detailed Analyses of the Expression Patterns of Potential Severe Acute Respiratory Syndrome Coronavirus 2 Receptors in the Human Heart Using Single-Nucleus RNA Sequencing. Frontiers in Cardiovascular Medicine, 2021, 8, 757362.	1.1	2
918	Implications of testicular ACE2 and the renin–angiotensin system for SARS-CoV-2 on testis function. Nature Reviews Urology, 2022, 19, 116-127.	1.9	29
919	Neurological complications and infection mechanism of SARS-CoV-2. Signal Transduction and Targeted Therapy, 2021, 6, 406.	7.1	76
922	Urinary Tract Virome as an Urgent Target for Metagenomics. Life, 2021, 11, 1264.	1.1	7
923	Duration of SARS-CoV-2 viremia and its correlation to mortality and inflammatory parameters in patients hospitalized for COVID-19: a cohort study. Diagnostic Microbiology and Infectious Disease, 2022, 102, 115595.	0.8	28
924	Dark urine as the initial manifestation of COVID-19: a case report. Journal of Medical Case Reports, 2021, 15, 576.	0.4	2
925	Characterizing Long COVID: Deep Phenotype of a Complex Condition. EBioMedicine, 2021, 74, 103722.	2.7	127
926	The impact of transient and persistent acute kidney injury in hospital mortality in COVID-19 patients. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2022, 44, 310-320.	0.4	6
927	A Propensity Score–Matched Observational Study of Remdesivir in Patients with COVID-19 and Severe Kidney Disease. Kidney360, 2022, 3, 269-278.	0.9	15

#	Article	IF	CITATIONS
928	Organ Involvement in COVID 19: Lung and Beyond., 2021,, 165-180.		0
929	Observational Study of the Clinical Characteristics and Short-Term Outcomes of Kidney Transplant Recipients Diagnosed With COVID-19 Infection (SARS-CoV-2) Requiring Hospitalization in New Orleans. Ochsner Journal, 2021, 21, 329-334.	0.5	0
930	Influenza A Virus Modulates ACE2 Expression and SARS-CoV-2 Infectivity in Human Cardiomyocytes. SSRN Electronic Journal, $0, , .$	0.4	0
932	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme. European Heart Journal, 2022, 43, 1124-1137.	1.0	111
933	When stem cells meet COVID-19: recent advances, challenges and future perspectives. Stem Cell Research and Therapy, 2022, 13, 9.	2.4	9
934	The spike protein of SARS-CoV-2 induces heme oxygenase-1: Pathophysiologic implications. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166322.	1.8	15
935	Molecular Mechanisms of SARS-CoV-2/COVID-19 Pathogenicity on the Central Nervous System: Bridging Experimental Probes to Clinical Evidence and Therapeutic Interventions. Advances in Experimental Medicine and Biology, 2021, , 1.	0.8	1
936	Rationale for endomyocardial biopsy in the diagnosis of heart disease in children and adults. Russian Journal of Cardiology, 2021, 26, 4710.	0.4	1
937	Endothelial cells and blood vessels are major targets for COVID-19-induced tissue injury and spreading to various organs. World Journal of Gastroenterology, 2022, 28, 275-289.	1.4	15
938	Extracellular vimentin is an attachment factor that facilitates SARS-CoV-2 entry into human endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	75
939	<i>In Vivo</i> Hematopoietic Stem Cell Gene Therapy for SARS-CoV2 Infection Using a Decoy Receptor. Human Gene Therapy, 2022, 33, 389-403.	1.4	5
940	ACE2 Shedding and the Role in COVID-19. Frontiers in Cellular and Infection Microbiology, 2021, 11, 789180.	1.8	36
941	Cardio-Oncology in the COVID Era (Co & Comp.; Co): The Never Ending Story. Frontiers in Cardiovascular Medicine, 2022, 9, 821193.	1.1	2
942	The incidence of acute kidney injury and its association with mortality in patients diagnosed with <scp>COVID</scp> â€19 followed up in intensive care unit. Therapeutic Apheresis and Dialysis, 2022, 26, 889-896.	0.4	6
943	Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. Science Immunology, 2022, 7, .	5.6	61
944	The blood-brain barrier is dysregulated in COVID-19 and serves as a CNS entry route for SARS-CoV-2. Stem Cell Reports, 2022, 17, 307-320.	2.3	138
945	Exogenous Chemical Exposure Increased Transcription Levels of the Host Virus Receptor Involving Coronavirus Infection. Environmental Science & Eamp; Technology, 2022, 56, 1854-1863.	4.6	2
946	The fatty acid site is coupled to functional motifs in the SARS-CoV-2 spike protein and modulates spike allosteric behaviour. Computational and Structural Biotechnology Journal, 2022, 20, 139-147.	1.9	19

#	Article	IF	Citations
947	Attenuation of SARS-CoV-2 infection by losartan in human kidney organoids. IScience, 2022, 25, 103818.	1.9	15
949	MECHANISM OF SARS-COV-2 INVASION INTO THE LIVER AND HEPATIC INJURY IN PATIENTS WITH COVID-19. Mediterranean Journal of Hematology and Infectious Diseases, 2022, 14, e2022003.	0.5	17
951	COVID-19 and Acute Kidney Injury. Critical Care Clinics, 2022, 38, 473-489.	1.0	21
952	Kidneys in SARSâ€CoV â€2 Era; a challenge of multiple faces. Therapeutic Apheresis and Dialysis, 2022, , .	0.4	2
954	Antidepressant and Antipsychotic Drugs Reduce Viral Infection by SARS-CoV-2 and Fluoxetine Shows Antiviral Activity Against the Novel Variants in vitro. Frontiers in Pharmacology, 2021, 12, 755600.	1.6	34
955	Comparative pathology of the nasal epithelium in K18-hACE2 Tg mice, hACE2 Tg mice, and hamsters infected with SARS-CoV-2. Veterinary Pathology, 2022, , 030098582110710.	0.8	12
956	Early prediction of COVID-19-associated acute kidney injury: Are serum NGAL and serum Cystatin C levels better than serum creatinine?. Clinical Biochemistry, 2022, 102, 1-8.	0.8	19
957	A Peek into Pandora's Box: COVID-19 and Neurodegeneration. Brain Sciences, 2022, 12, 190.	1.1	9
958	Collapsing Focal Segmental Glomerulosclerosis in Viral Infections. Frontiers in Immunology, 2021, 12, 800074.	2.2	18
959	Two years of SARS-CoV-2 infection (2019–2021): structural biology, vaccination, and current global situation. The Egyptian Journal of Internal Medicine, 2022, 34, 5.	0.3	4
960	Possibility as role of ginseng and ginsenosides on inhibiting the heart disease of COVID-19: A systematic review. Journal of Ginseng Research, 2022, 46, 321-330.	3.0	14
963	The prevalence of early―and lateâ€onset bacterial, viral, and fungal respiratory superinfections in invasively ventilated COVIDâ€19 patients. Journal of Medical Virology, 2022, 94, 1920-1925.	2.5	20
965	Integrated histopathological, lipidomic, and metabolomic profiles reveal mink is a useful animal model to mimic the pathogenicity of severe COVID-19 patients. Signal Transduction and Targeted Therapy, 2022, 7, 29.	7.1	12
966	Association of acute kidney injury with 1-year outcome of kidney function in hospital survivors with COVID-19: A cohort study. EBioMedicine, 2022, 76, 103817.	2.7	26
967	Palladium-Catalysed Intermolecular Direct C–H Bond Arylation of Heteroarenes with Reagents Alternative to Aryl Halides: Current State of the Art. Current Organic Chemistry, 2022, 26, .	0.9	1
968	Analysis of SARS-CoV-2 synonymous codon usage evolution throughout the COVID-19 pandemic. Virology, 2022, 568, 56-71.	1.1	11
970	Antiviral therapy for COVID-19: Derivation of optimal strategy based on past antiviral and favipiravir experiences., 2022, 235, 108121.		20
971	Proteomic landscape of SARS-CoV-2– and MERS-CoV–infected primary human renal epithelial cells. Life Science Alliance, 2022, 5, e202201371.	1.3	5

#	Article	IF	CITATIONS
972	SARS-CoV-2 viroporin encoded by ORF3a triggers the NLRP3 inflammatory pathway. Virology, 2022, 568, 13-22.	1.1	90
973	Betacoronavirus-specific alternate splicing. Genomics, 2022, 114, 110270.	1.3	12
974	Comparing susceptibility and contagiousness in concurrent outbreaks with a non-VOC and the VOC SARS-CoV-2 variant B.1.1.7 in daycare centers in Hamburg, Germany. International Journal of Hygiene and Environmental Health, 2022, 240, 113928.	2.1	4
975	Neuroinflammation in Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2) infection: Pathogenesis and clinical manifestations. Current Opinion in Pharmacology, 2022, 63, 102181.	1.7	8
976	Prospective twoâ€arm study of the testicular function in patients with COVIDâ€19. Andrology, 2022, 10, 1047-1056.	1.9	34
977	Correlation of Gastrointestinal Symptoms at Initial Presentation with Clinical Outcomes in Hospitalized COVID-19 Patients: Results from a Large Health System in the Southern USA. Digestive Diseases and Sciences, 2022, 67, 5034-5043.	1.1	5
978	SARS-CoV-2 infects the human kidney and drives fibrosis in kidney organoids. Cell Stem Cell, 2022, 29, 217-231.e8.	5.2	146
980	Electron microscopy overview of SARS-COV2 and its clinical impact. Ultrastructural Pathology, 2022, 46, 1-17.	0.4	3
981	Well-differentiated liver cancers reveal the potential link between ACE2 dysfunction and metabolic breakdown. Scientific Reports, 2022, 12, 1859.	1.6	6
982	COVID-19 and the cardiovascular system: an update. American Journal of the Medical Sciences, 2022, 364, 139-147.	0.4	17
984	Cell-Free DNA: Potential Application in COVID-19 Diagnostics and Management. Viruses, 2022, 14, 321.	1.5	9
985	Neurological complications associated with Covidâ€19; molecular mechanisms and therapeutic approaches. Reviews in Medical Virology, 2022, 32, e2334.	3.9	24
987	Association of Complement and MAPK Activation With SARS-CoV-2–Associated Myocardial Inflammation. JAMA Cardiology, 2022, 7, 286.	3.0	15
988	The OM-85 bacterial lysate inhibits SARS-CoV-2 infection of epithelial cells by downregulating SARS-CoV-2 receptor expression. Journal of Allergy and Clinical Immunology, 2022, 149, 923-933.e6.	1.5	17
989	Novel SARS-CoV-2 receptors: ASGR1 and KREMEN1. Cell Research, 2022, 32, 1-2.	5.7	33
990	Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. Science Immunology, 2021, , eabl9929.	5.6	3
991	Infection of wild-type mice by SARS-CoV-2 B.1.351 variant indicates a possible novel cross-species transmission route. Signal Transduction and Targeted Therapy, 2021, 6, 420.	7.1	46
992	COVID-19 Acute Kidney Injury: Current Knowledge and Barriers of Research., 2021, 8, 6.		1

#	Article	IF	Citations
993	Clinical Analysis of Kidney Injury in Elderly Patients with COVID-19., 2021, 8, 11.		0
995	Comprehensive characterization of human–virus protein-protein interactions reveals disease comorbidities and potential antiviral drugs. Computational and Structural Biotechnology Journal, 2022, 20, 1244-1253.	1.9	9
996	Outcome of Hospitalized Pneumonia Patients with and without COVID-19. Journal of Renal and Hepatic Disorders, 2022, 6, 17-23.	0.1	1
997	æ–°åž‹ã,³ãfãfŠã,¦ã,∰ſ«ã,¹æ"ŸæŸ"症㕫ãŠã•ã,‹æ€¥æ€§è…Žéšœå®³ãïæ€¥æ€§è¡€æ¶²æµ"化. Nihon Tosek	i Igalokzai Za	ssh(), 2022, 5
998	Structure, genomic analysis, and pathogenesis of SARS-CoV-2., 2022, , 37-60.		0
999	Complement Activation via the Lectin and Alternative Pathway in Patients With Severe COVID-19. Frontiers in Immunology, 2022, 13, 835156.	2.2	19
1000	Kidney Injury in COVID-19: Epidemiology, Molecular Mechanisms and Potential Therapeutic Targets. International Journal of Molecular Sciences, 2022, 23, 2242.	1.8	17
1001	Endotheliitis after COVID-19 Infection Requires Optimization of Chronic Disease Prevention. The Bangkok Medical Journal, 2022, 18, 35-43.	0.2	0
1002	Maternal Immune Activation and Interleukin 17A in the Pathogenesis of Autistic Spectrum Disorder and Why It Matters in the COVID-19 Era. Frontiers in Psychiatry, 2022, 13, 823096.	1.3	5
1003	The mechanism underlying extrapulmonary complications of the coronavirus disease 2019 and its therapeutic implication. Signal Transduction and Targeted Therapy, 2022, 7, 57.	7.1	34
1004	Organoid Studies in COVID-19 Research. International Journal of Stem Cells, 2022, 15, 3-13.	0.8	13
1005	SARS-CoV-2 interacts with renin-angiotensin system: impact on the central nervous system in elderly patients. GeroScience, 2022, , $1.$	2.1	4
1006	SARS-CoV-2 Infects Primary Neurons from Human ACE2 Expressing Mice and Upregulates Genes Involved in the Inflammatory and Necroptotic Pathways. Pathogens, 2022, 11, 257.	1.2	25
1007	COVID-19 and the Vasculature: Current Aspects and Long-Term Consequences. Frontiers in Cell and Developmental Biology, 2022, 10, 824851.	1.8	51
1008	Molecular consequences of SARS-CoV-2 liver tropism. Nature Metabolism, 2022, 4, 310-319.	5.1	98
1010	Pulmonary Inflammatory Response in Lethal COVID-19 Reveals Potential Therapeutic Targets and Drugs in Phases III/IV Clinical Trials. Frontiers in Pharmacology, 2022, 13, 833174.	1.6	6
1011	A human pluripotent stem cell-based model of SARS-CoV-2 infection reveals an ACE2-independent inflammatory activation of vascular endothelial cells through TLR4. Stem Cell Reports, 2022, 17, 538-555.	2.3	22
1012	SARS-CoV-2 pirates the kidneys: A scar(y) story. Cell Metabolism, 2022, 34, 352-354.	7.2	1

#	Article	IF	CITATIONS
1013	Pathogenesis of Olfactory Disorders in COVID-19. Brain Sciences, 2022, 12, 449.	1.1	12
1014	Increased Sensitivity of SARS-CoV-2 to Type III Interferon in Human Intestinal Epithelial Cells. Journal of Virology, 2022, 96, e0170521.	1.5	17
1015	Effect of Direct Bilirubin Level on Clinical Outcome and Prognoses in Severely/Critically Ill Patients With COVID-19. Frontiers in Medicine, 2022, 9, 843505.	1.2	5
1016	Rare case study of Covid agitation: The novel sinner causes a diagnostic dilemma. IP Archives of Cytology and Histopathology Research, 2022, 7, 60-66.	0.0	0
1017	Coagulopathy and Fibrinolytic Pathophysiology in COVID-19 and SARS-CoV-2 Vaccination. International Journal of Molecular Sciences, 2022, 23, 3338.	1.8	11
1018	Prevalence and Factors Associated with Acute Kidney Injury in Sub-Saharan African Adults: A Review of the Current Literature. International Journal of Nephrology, 2022, 2022, 1-12.	0.7	6
1020	Mesenchymal stem cell treatment for COVID-19. EBioMedicine, 2022, 77, 103920.	2.7	36
1021	Severe Acute Respiratory Syndrome Coronavirus 2 Nucleocapsid Antigen in Urine of Hospitalized Patients With Coronavirus Disease 2019. Journal of Infectious Diseases, 2022, 226, 812-821.	1.9	5
1022	SARS-CoV-2 is associated with changes in brain structure in UK Biobank. Nature, 2022, 604, 697-707.	13.7	825
1023	COVID-19 and COVID-19 vaccines-related subacute thyroiditis: analysis of a case series. Anatolian Current Medical Journal:, 2022, 4, 138-145.	0.1	1
1024	Awaiting a cure for COVID-19: therapeutic approach in patients with different severity levels of COVID-19. Infezioni in Medicina, 2022, 30, 11-21.	0.7	3
1025	BCG vaccination provides protection against IAV but not SARS-CoV-2. Cell Reports, 2022, 38, 110502.	2.9	51
1026	Diabetes as a potential compounding factor in COVID-19-mediated male subfertility. Cell and Bioscience, 2022, 12, 35.	2.1	5
1027	SARS-CoV-2 in the pancreas and the impaired islet function in COVID-19 patients. Emerging Microbes and Infections, 2022, 11, 1115-1125.	3.0	7
1028	Impact of COVID-19 on the Gastrointestinal Tract: A Clinical Review. Cureus, 2022, 14, e23333.	0.2	15
1029	SARS-CoV-2 pathogenesis. Nature Reviews Microbiology, 2022, 20, 270-284.	13.6	404
1030	Infection of liver hepatocytes with SARS-CoV-2. Nature Metabolism, 2022, 4, 301-302.	5.1	16
1031	Intestinal Damage in COVID-19: SARS-CoV-2 Infection and Intestinal Thrombosis. Frontiers in Microbiology, 2022, 13, 860931.	1.5	15

#	Article	IF	CITATIONS
1032	Post-acute COVID-19 syndrome and kidney diseases: what do we know?. Journal of Nephrology, 2022, 35, 795-805.	0.9	37
1033	ARTERIAL THROMBOSIS IN PATIENTS WITH TYPE 2 DIABETES AND COVID-19. Problemi Endokrinnoi Patologii, 2022, 79, 20-27.	0.0	0
1034	Organ manifestations of COVID-19: what have we learned so far (not only) from autopsies?. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2022, 481, 139-159.	1.4	28
1035	Imatinib inhibits SARS-CoV-2 infection by an off-target-mechanism. Scientific Reports, 2022, 12, 5758.	1.6	22
1036	COVID-19-Related Brain Injury: The Potential Role of Ferroptosis. Journal of Inflammation Research, 2022, Volume 15, 2181-2198.	1.6	15
1037	Two Different Therapeutic Approaches for SARS-CoV-2 in hiPSCs-Derived Lung Organoids. Cells, 2022, 11, 1235.	1.8	21
1038	Acute Kidney Injury in Critically-Ill COVID-19 Patients. Journal of Clinical Medicine, 2022, 11, 2029.	1.0	6
1039	Clinical outcomes of COVIDâ€19 infection among patients with Alzheimer's disease or mild cognitive impairment. Alzheimer's and Dementia, 2022, 18, 911-923.	0.4	13
1040	Can Epigenetics Help Solve the Puzzle Between Concomitant Cardiovascular Injury and Severity of Coronavirus Disease 2019?. Journal of Cardiovascular Pharmacology, 2022, 79, 431-443.	0.8	0
1042	Predicted coronavirus Nsp5 protease cleavage sites in the human proteome. BMC Genomic Data, 2022, 23, 25.	0.7	15
1043	Comprehensive Oncogenic Features of Coronavirus Receptors in Glioblastoma Multiforme. Frontiers in Immunology, 2022, 13, 840785.	2.2	8
1044	Understanding on the possible routes for SARS CoV-2 invasion via ACE2 in the host linked with multiple organs damage. Infection, Genetics and Evolution, 2022, 99, 105254.	1.0	21
1045	First report from the German COVID-19 autopsy registry. Lancet Regional Health - Europe, The, 2022, 15, 100330.	3.0	33
1046	Single-Cell Transcriptome Analysis Reveals the Role of Pancreatic Secretome in COVID-19 Associated Multi-organ Dysfunctions. Interdisciplinary Sciences, Computational Life Sciences, 2022, 14, 863-878.	2.2	3
1047	NeuroCOVID: Insights into Neuroinvasion and Pathophysiology. Clinical and Translational Neuroscience, 2022, 6, 10.	0.4	1
1048	Differential transcriptomic landscapes of multiple organs from SARS-CoV-2 early infected rhesus macaques. Protein and Cell, 2022, 13, 920-939.	4.8	9
1049	The spike glycoprotein of SARS-CoV-2: A review of how mutations of spike glycoproteins have driven the emergence of variants with high transmissibility and immune escape. International Journal of Biological Macromolecules, 2022, 208, 105-125.	3.6	41
1050	Inflammation at the crossroads of COVID-19, cognitive deficits and depression. Neuropharmacology, 2022, 209, 109023.	2.0	38

#	Article	IF	CITATIONS
1051	Inhibition of SARS-CoV-2 replication in the lung with siRNA/VIPER polyplexes. Journal of Controlled Release, 2022, 345, 661-674.	4.8	23
1052	Early prediction of SARS-CoV-2 reproductive number from environmental, atmospheric and mobility data: A supervised machine learning approach. International Journal of Medical Informatics, 2022, 162, 104755.	1.6	3
1053	Neurological sequela and disruption of neuron-glia homeostasis in SARS-CoV-2 infection. Neurobiology of Disease, 2022, 168, 105715.	2.1	18
1055	Nonmuscle myosin heavy chain IIA facilitates SARS-CoV-2 infection in human pulmonary cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	25
1056	COVID-19 and RAAS inhibitors: is there a final conclusion?. Iranian Journal of Microbiology, 2021, 13, 728-736.	0.8	1
1057	Elevated TAT in COVID-19 Patients with Normal D-Dimer as a Predictor of Severe Respiratory Failure: A Retrospective Analysis of 797 Patients. Journal of Clinical Medicine, 2022, 11, 134.	1.0	6
1058	Interpretable network propagation with application to expanding the repertoire of human proteins that interact with SARS-CoV-2. GigaScience, 2021, 10 , .	3.3	5
1059	Role of Neutrophil Extracellular Traps in COVID-19 Progression: An Insight for Effective Treatment. Biomedicines, 2022, 10, 31.	1.4	16
1060	Clinical Manifestation of Subacute Thyroiditis Triggered by SARS-CoV-2 Infection Can Be HLA-Dependent. Viruses, 2021, 13, 2447.	1.5	18
1063	Instrumental Evaluation of COVID-19 Related Dysautonomia in Non-Critically-Ill Patients: An Observational, Cross-Sectional Study. Journal of Clinical Medicine, 2021, 10, 5861.	1.0	14
1064	A virus-specific monocyte inflammatory phenotype is induced by SARS-CoV-2 at the immune–epithelial interface. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	21
1065	ECG pathology and its association with death in critically ill COVID-19 patients, a cohort study. PLoS ONE, 2021, 16, e0261315.	1.1	8
1066	COVID-19: Multiorgan Dissemination of SARS-CoV-2 Is Driven by Pulmonary Factors. Viruses, 2022, 14, 39.	1.5	8
1067	Immune Response to COVID-19., 0,,.		1
1069	Red Blood Cell Abnormalities as the Mirror of SARS-CoV-2 Disease Severity: A Pilot Study. Frontiers in Physiology, 2021, 12, 825055.	1.3	22
1070	Exploring livelihood issues and challenges of indigenous people of Anamalai, Parambikulam Aliyar Basin during the pandemic., 2022,, 297-309.		0
1072	Invasive Respiratory Fungal Infections in COVID-19 Critically Ill Patients. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgB	T Overloc	k 10 Tf 50 10
1073	Pathology of COVID-19. Russian Journal of Forensic Medicine, 2022, 8, 41-50.	0.0	0

#	Article	IF	CITATIONS
1074	COVID-19 induced ischemic stroke and mechanisms of viral entry in brain and clot formation: a systematic review and current update. International Journal of Neuroscience, 2022, , 1-14.	0.8	1
1075	SARS-CoV-2 Employ BSG/CD147 and ACE2 Receptors to Directly Infect Human Induced Pluripotent Stem Cell-Derived Kidney Podocytes. Frontiers in Cell and Developmental Biology, 2022, 10, 855340.	1.8	23
1077	Serum extracellular vesicles profiling is associated with COVIDâ€19 progression and immune responses. , 2022, 1, e37.		10
1078	Microgliosis and neuronal proteinopathy in brain persist beyond viral clearance in SARS-CoV-2 hamster model. EBioMedicine, 2022, 79, 103999.	2.7	48
1079	Immune features of COVID-19 convalescent individuals revealed by a single-cell RNA sequencing. International Immunopharmacology, 2022, 108, 108767.	1.7	8
1089	Liver, NAFLD and COVID-19. Hormone and Metabolic Research, 2022, 54, 522-531.	0.7	11
1090	Evidence for an ACE2-Independent Entry Pathway That Can Protect from Neutralization by an Antibody Used for COVID-19 Therapy. MBio, 2022, 13, e0036422.	1.8	17
1091	SARS-CoV-2 Proteins Interact with Alpha Synuclein and Induce Lewy Body-like Pathology In Vitro. International Journal of Molecular Sciences, 2022, 23, 3394.	1.8	26
1093	Thromboembolic Events in Deceased Patients with Proven SARS-CoV-2 Infection: Frequency, Characteristics and Risk Factors. SSRN Electronic Journal, 0, , .	0.4	0
1094	Pathology Assessments of Multiple Organs in Fatal COVID-19 in Intensive Care Unit vs. Non-intensive Care Unit Patients. Frontiers in Medicine, 2022, 9, 837258.	1.2	1
1095	Associations and Disease–Disease Interactions of COVID-19 with Congenital and Genetic Disorders: A Comprehensive Review. Viruses, 2022, 14, 910.	1.5	6
1096	Two DNA vaccines protect against severe disease and pathology due to SARS-CoV-2 in Syrian hamsters. Npj Vaccines, 2022, 7, 49.	2.9	7
1097	SARS-CoV-2 Infection, Sex-Related Differences, and a Possible Personalized Treatment Approach with Valproic Acid: A Review. Biomedicines, 2022, 10, 962.	1.4	6
1098	Prediction Model of Adverse Effects on Liver Functions of COVID-19 ICU Patients. Journal of Healthcare Engineering, 2022, 2022, 1-11.	1.1	4
1099	Risk of Severe Acute Respiratory Syndrome Coronavirus 2 Transmission Through Solid Organ Transplantation and Outcomes of Coronavirus Disease 2019 Among Recent Transplant Recipients. Open Forum Infectious Diseases, 2022, 9, .	0.4	13
1101	A diabetic milieu increases ACE2 expression and cellular susceptibility to SARS-CoV-2 infections in human kidney organoids and patient cells. Cell Metabolism, 2022, 34, 857-873.e9.	7.2	40
1102	From COVID-19 to Sarcoidosis: How Similar Are These Two Diseases?. Frontiers in Immunology, 2022, 13,	2.2	7
1103	Emerging Viral Infections and the Potential Impact on Hypertension, Cardiovascular Disease, and Kidney Disease. Circulation Research, 2022, 130, 1618-1641.	2.0	11

#	Article	IF	CITATIONS
1104	Neuroinvasion and Neurotropism by SARS-CoV-2 Variants in the K18-hACE2 Mouse. Viruses, 2022, 14, 1020.	1.5	58
1105	Antigenic Cross-Reactivity Between SARS-CoV-2 S1-RBD and Its Receptor ACE2. Frontiers in Immunology, 2022, 13, .	2.2	10
1106	Peripheral Neuropathies Derived from COVID-19: New Perspectives for Treatment. Biomedicines, 2022, 10, 1051.	1.4	7
1107	Epidemiology of Organ Failure Before and During COVID-19 Pandemic Surge Conditions. American Journal of Critical Care, 2022, 31, 283-292.	0.8	3
1108	Drug repurposing for the treatment of COVID-19. Journal of Pharmacological Sciences, 2022, 149, 108-114.	1.1	12
1109	Prediction of COVID-19 manipulation by selective ACE inhibitory compounds of Potentilla reptant root: In silico study and ADMET profile. Arabian Journal of Chemistry, 2022, 15, 103942.	2.3	27
1110	Clinical Outcome and Risk Assessment in Hospitalized COVID-19 Patients with Elevated Transaminases and Acute Kidney Injury: A Single Center Study. Oman Medical Journal, 2022, 37, e443-e443.	0.3	1
1111	Signaling Pathway Reporter Screen with SARS-CoV-2 Proteins Identifies nsp5 as a Repressor of p53 Activity. Viruses, 2022, 14, 1039.	1.5	12
1112	<scp>COVID</scp> â€19 Infection Enhances Susceptibility to Oxidative Stress–Induced Parkinsonism. Movement Disorders, 2022, 37, 1394-1404.	2.2	15
1113	Identifying who has long COVID in the USA: a machine learning approach using N3C data. The Lancet Digital Health, 2022, 4, e532-e541.	5.9	104
1114	Respiratory muscle dysfunction in long-COVID patients. Infection, 2022, 50, 1391-1397.	2.3	14
1115	A comprehensive SARS-CoV-2 and COVID-19 review, Part 1: Intracellular overdrive for SARS-CoV-2 infection. European Journal of Human Genetics, 2022, 30, 889-898.	1.4	30
1116	COVID-19 and Kidney Disease: A Clinical Perspective. Current Vascular Pharmacology, 2022, 20, 321-325.	0.8	2
1117	ScoMorphoFISH: A deep learning enabled toolbox for singleâ€cell singleâ€mRNA quantification and correlative (ultraâ€)morphometry. Journal of Cellular and Molecular Medicine, 2022, 26, 3513-3526.	1.6	6
1119	Plasma Levels and Renal Handling of Amino Acids Contribute to Determination of Risk of Mortality or Feed of Ventilation in Patients with COVID-19. Metabolites, 2022, 12, 486.	1.3	2
1122	Cerebrospinal fluid analysis of pregnant women at early stages of COVID-19. Taiwanese Journal of Obstetrics and Gynecology, 2022, 61, 672-674.	0.5	3
1123	Protective neutralizing epitopes in SARS oVâ€2. Immunological Reviews, 2022, 310, 76-92.	2.8	23
1124	Chronic kidney disease and clinical outcomes in patients with COVID-19 in Japan. Clinical and Experimental Nephrology, 2022, 26, 974-981.	0.7	3

#	Article	IF	CITATIONS
1125	Mouse models in COVID-19 research: analyzing the adaptive immune response. Medical Microbiology and Immunology, 2023, 212, 165-183.	2.6	6
1127	Clinical Profile and Outcomes in Surgically Treated COVID-19 Patients Presenting with Acute Limb Ischemia. Indian Journal of Vascular and Endovascular Surgery, 2022, 9, 178.	0.0	0
1128	Morbidity and Mortality of COVID in Relation to Age, Sex and BMI. ABC Journal of Advanced Research, 2021, 11, 33-46.	0.5	0
1129	COVID-19 Variants in Critically III Patients: A Comparison of the Delta and Omicron Variant Profiles. Infectious Disease Reports, 2022, 14, 492-500.	1.5	19
1130	Detection of SARS-CoV-2 in tissue: the comparative roles of RT-qPCR, in situ RNA hybridization, and immunohistochemistry. Expert Review of Molecular Diagnostics, 2022, 22, 559-574.	1.5	5
1131	An approach to cellular tropism of SARS-CoV-2 through protein–protein interaction and enrichment analysis. Scientific Reports, 2022, 12, .	1.6	3
1132	Deleterious effects of nervous system in the offspring following maternal SARS-CoV-2 infection during the COVID-19 pandemic. Translational Psychiatry, 2022, 12, .	2.4	7
1133	Post-COVID-19 Infection With Meticillin-Sensitive Staphylococcus aureus (MSSA) Bacteremia, Discitis/Osteomyelitis, and Diffuse Abscesses: A Case Report. Cureus, 2022, , .	0.2	3
1134	What SARS-CoV-2 does to our brains. Immunity, 2022, 55, 1159-1172.	6.6	28
1136	The Potential Use of Carnosine in Diabetes and Other Afflictions Reported in Long COVID Patients. Frontiers in Neuroscience, 0, 16 , .	1.4	5
1137	An alternative way of SARSâ€COVâ€2 to induce cell stress and elevated DNA damage risk in cardiomyocytes without direct infection. Immunity, Inflammation and Disease, 2022, 10, .	1.3	2
1139	The impact of clinical pharmacist implemented education on the incidence of prescribing errors in COVID-19 patients. Saudi Pharmaceutical Journal, 2022, , .	1.2	0
1140	Melatonin drugs inhibit SARS-CoV-2 entry into the brain and virus-induced damage of cerebral small vessels. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	13
1141	Hallmarks of Severe COVID-19 Pathogenesis: A Pas de Deux Between Viral and Host Factors. Frontiers in Immunology, $0,13,\ldots$	2.2	10
1142	SARS-CoV-2 infects an inÂvitro model of the human developing pancreas through endocytosis. IScience, 2022, 25, 104594.	1.9	7
1143	Metalloproteinase-Dependent and TMPRSS2-Independent Cell Surface Entry Pathway of SARS-CoV-2 Requires the Furin Cleavage Site and the S2 Domain of Spike Protein. MBio, 2022, 13, .	1.8	23
1144	SARS-CoV-2 infection in hamsters and humans results in lasting and unique systemic perturbations after recovery. Science Translational Medicine, 2022, 14, .	5.8	129
1145	SARS-CoV-2, platelets, and endothelium: coexistence in space and time, or a pernicious ménage à trois?. Vascular Biology (Bristol, England), 2022, 4, R35-R43.	1.2	5

#	Article	IF	CITATIONS
1146	SARS-CoV-2 infection impairs the insulin/IGF signaling pathway in the lung, liver, adipose tissue, and pancreatic cells via IRF1. Metabolism: Clinical and Experimental, 2022, 133, 155236.	1.5	31
1147	COVID-19 and the hidden threat of diabetic microvascular complications. Therapeutic Advances in Endocrinology and Metabolism, 2022, 13, 204201882211107.	1.4	1
1148	K18- and CAG-hACE2 Transgenic Mouse Models and SARS-CoV-2: Implications for Neurodegeneration Research. Molecules, 2022, 27, 4142.	1.7	7
1149	Cardiorenal Syndrome in COVID-19 Patients: A Systematic Review. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	5
1150	The Effect of Long Coronavirus Disease on Obesity and the Role of Korean Medicine. Journal of Korean Medicine for Obesity Research, 2022, 22, 77-85.	0.7	0
1151	Tissue immunity to SARSâ€CoVâ€2: Role in protection and immunopathology*. Immunological Reviews, 2022, 309, 25-39.	2.8	11
1152	International electronic health record-derived post-acute sequelae profiles of COVID-19 patients. Npj Digital Medicine, 2022, 5, .	5.7	17
1153	Clinical evolution of patients with COVID-19: anticoagulation impact. Research, Society and Development, 2022, 11, e46611931423.	0.0	0
1154	Modeling infectious diseases of the central nervous system with human brain organoids. Translational Research, 2022, 250, 18-35.	2.2	2
1156	Postural orthostatic tachycardia syndrome as a sequela of COVID-19. Heart Rhythm, 2022, 19, 1880-1889.	0.3	56
1157	Species-Specific Molecular Barriers to SARS-CoV-2 Replication in Bat Cells. Journal of Virology, 2022, 96, .	1.5	10
1158	Neuromodulation by selective angiotensin-converting enzyme 2 inhibitors. Neuroscience, 2022, 498, 155-173.	1.1	2
1159	Autoimmunity and SARSâ€CoVâ€2 infection: Unraveling the link in neurological disorders. European Journal of Immunology, 2022, 52, 1561-1571.	1.6	11
1160	Therapeutic approaches for intravascular microthrombi-induced acute respiratory distress syndrome (ARDS) in COVID-19 infection. Current Pharmaceutical Biotechnology, 2022, 23, .	0.9	0
1161	Acute kidney injury outcomes in covid-19 patients: systematic review and meta-analysis. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2022, 44, 543-556.	0.4	3
1162	Desfechos de lesão renal aguda em pacientes com covid-19: revisão sistemática e metanálise. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2022, 44, 543-556.	0.4	0
1163	Potential autonomic nervous system dysfunction in COVID-19 patients detected by heart rate variability is a sign of SARS-CoV-2 neurotropic features. Molecular Biology Reports, 2022, 49, 8131-8137.	1.0	4
1164	COVID-19 and Parkinsonism: A Critical Appraisal. Biomolecules, 2022, 12, 970.	1.8	14

#	Article	IF	CITATIONS
1165	SARS-CoV-2 Brain Regional Detection, Histopathology, Gene Expression, and Immunomodulatory Changes in Decedents with COVID-19. Journal of Neuropathology and Experimental Neurology, 2022, 81, 666-695.	0.9	22
1166	The Role of Cellular Immunity in the Protective Efficacy of the SARS-CoV-2 Vaccines. Vaccines, 2022, 10, 1103.	2.1	11
1167	Immune response to SARS-CoV-2 in severe disease and long COVID-19. IScience, 2022, 25, 104723.	1.9	17
1168	Downregulation of thrombomodulin-thrombin-activated protein C pathway as a mechanism for SARS-CoV-2 induced endotheliopathy and microvascular thrombosis. Thrombosis Update, 2022, 8, 100116.	0.4	0
1169	COVID-19 and renal involvement: a prospective cohort study assessing the impact of mild SARS-CoV-2 infection on the kidney function of young healthy males. International Urology and Nephrology, 2023, 55, 201-209.	0.6	2
1170	SARS-CoV-2 shedding dynamics and transmission in immunosuppressed patients. Virulence, 2022, 13, 1242-1251.	1.8	8
1171	Transcriptional landscape of human neuroblastoma cells in response to SARS-CoV-2. BMC Neuroscience, 2022, 23, .	0.8	3
1172	Optimized intramuscular immunization with VSV-vectored spike protein triggers a superior immune response to SARS-CoV-2. Npj Vaccines, 2022, 7, .	2.9	7
1173	Renal Tubular Acidosis in Pregnant Critically Ill COVID-19 Patients: A Secondary Analysis of a Prospective Cohort. Journal of Clinical Medicine, 2022, 11, 4273.	1.0	0
1174	Imaging Techniques: Essential Tools for the Study of SARS-CoV-2 Infection. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	4
1175	Assessing Trustworthy AI in Times of COVID-19: Deep Learning for Predicting a Multiregional Score Conveying the Degree of Lung Compromise in COVID-19 Patients. IEEE Transactions on Technology and Society, 2022, 3, 272-289.	2.4	13
1176	Collapsing glomerulopathy in COVID-19 infection: Emerging terminology COVID-19-associated nephropathy., 2022, 1, 17.		0
1177	COVID-19 Pandemic: Insights into Interactions between SARS-CoV-2 Infection and MAFLD. International Journal of Biological Sciences, 2022, 18, 4756-4767.	2.6	5
1178	An Insight Into Pathophysiology, Epidemiology, and Management of Cardiovascular Complications of SARS-CoV-2 Infection, Post-acute COVID Syndrome, and COVID Vaccine. Critical Pathways in Cardiology, 2022, 21, 123-129.	0.2	3
1180	The role of direct oral anticoagulants in the era of COVID-19: are antiviral therapy and pharmacogenetics limiting factors?. Croatian Medical Journal, 2022, 63, 287-294.	0.2	1
1182	Long-Term COVID: Case Report and Methodological Proposals for Return to Work. Sustainability, 2022, 14, 9332.	1.6	2
1183	Association between smoking and COVID-19 severity: A multicentre retrospective observational study. Medicine (United States), 2022, 101, e29438.	0.4	6
1184	The role of interleukin-22 in lung health and its therapeutic potential for COVID-19. Frontiers in lmmunology, 0, 13 , .	2.2	14

#	Article	IF	CITATIONS
1185	Using 2D and 3D pluripotent stem cell models to study neurotropic viruses. Frontiers in Virology, 0, 2,	0.7	3
1186	Tunneling nanotubes provide a route for SARS-CoV-2 spreading. Science Advances, 2022, 8, .	4.7	55
1187	Acute and chronic neuropsychiatric symptoms in novel coronavirus disease 2019 (COVID-19) patients: A qualitative review. Frontiers in Public Health, 0, 10, .	1.3	6
1188	Vascular Implications of COVID-19: Role of Radiological Imaging, Artificial Intelligence, and Tissue Characterization: A Special Report. Journal of Cardiovascular Development and Disease, 2022, 9, 268.	0.8	8
1189	Co-existence and co-infection of influenza A viruses and coronaviruses: Public health challenges. Innovation(China), 2022, 3, 100306.	5.2	13
1190	GRP78, a Novel Host Factor for SARS-CoV-2: The Emerging Roles in COVID-19 Related to Metabolic Risk Factors. Biomedicines, 2022, 10, 1995.	1.4	8
1191	Remdesivir Administration in COVID-19 Patients With Renal Impairment: A Systematic Review. American Journal of Therapeutics, 2022, 29, e520-e533.	0.5	7
1192	Elevation of neural injury markers in patients with neurologic sequelae after hospitalization for SARS-CoV-2 infection. IScience, 2022, 25, 104833.	1.9	6
1193	Multisystem involvement in COVID-19: what have we learnt?. British Journal of Hospital Medicine (London, England: 2005), 0 , 1 -5.	0.2	0
1194	SARS-CoV-2-specific TÂcells in the changing landscape of the COVID-19 pandemic. Immunity, 2022, 55, 1764-1778.	6.6	63
1195	SARS-CoV-2 versus other minor viral infection on kidney injury in asymptomatic and mildly symptomatic patients. Virulence, 2022, 13, 1349-1357.	1.8	3
1196	Assessing and improving the validity of COVID-19 autopsy studies - A multicentre approach to establish essential standards for immunohistochemical and ultrastructural analyses. EBioMedicine, 2022, 83, 104193.	2.7	23
1197	COVID-19-associated liver injury: Clinical characteristics, pathophysiological mechanisms and treatment management. Biomedicine and Pharmacotherapy, 2022, 154, 113568.	2.5	22
1198	Consequences of COVID-19 on the cardiovascular and renal systems. Sleep Medicine, 2022, 100, 31-38.	0.8	2
1199	COVID-19 & Diabetes Mellitus: Mutual Interplay of Two Diseases. Current Diabetes Reviews, 2022, 19,	0.6	0
1200	Act Early and at the Right Location: SARS-CoV-2 T Cell Kinetics and Tissue Localization. International Journal of Molecular Sciences, 2022, 23, 10679.	1.8	5
1201	Does covid-19 impair endogenous neurogenesis?. Journal of Clinical Neuroscience, 2022, 105, 79-85.	0.8	4
1202	Hamster organotypic kidney culture model of early-stage SARS-CoV-2 infection highlights a two-step renal susceptibility. Journal of Tissue Engineering, 2022, 13, 204173142211221.	2.3	3

#	Article	IF	CITATIONS
1203	Brief Pathophysiology. , 2022, , 177-189.		1
1204	Endocrine disorders in the background of COVID-19 and postcovid syndrome. Obesity and Metabolism, 2022, 19, 206-212.	0.4	1
1205	SARS-CoV-2 and Skin: New Insights and Perspectives. Biomolecules, 2022, 12, 1212.	1.8	9
1206	Clinical characteristics and outcomes of lung cancer patients with COVID-19: A systematic review and meta-analysis protocol. PLoS ONE, 2022, 17, e0273691.	1.1	1
1207	Gastrointestinal and Hepatobiliary Manifestations of COVID-19., 2022,, 71-101.		0
1208	COVID-19-associated pulmonary aspergillosis (CAPA) in Iranian patients admitted with severe COVID-19 pneumonia. Infection, 2023, 51, 223-230.	2.3	8
1209	Differential diagnosis and pathogenesis of the neurological signs and symptoms in <scp>COVID</scp> â€19 and <scp>longâ€COVID</scp> syndrome. CNS Neuroscience and Therapeutics, 2022, 28, 1905-1907.	1.9	4
1210	Neurological Complications of SARS-CoV-2 Infection and COVID-19 Vaccines: From Molecular Mechanisms to Clinical Manifestations. Current Drug Targets, 2022, 23, .	1.0	1
1212	Beyond COVID-19 and SARS-CoV-2, cardiovascular outcomes of "long covid―from a pathological perspective – a look back and road ahead. Pathology Research and Practice, 2022, 239, 154144.	1.0	4
1213	Urinary angiotensin-converting enzyme 2 and metabolomics in COVID-19-mediated kidney injury. CKJ: Clinical Kidney Journal, 2023, 16, 272-284.	1.4	4
1214	Tissue-specific pathway activities: A retrospective analysis in COVID-19 patients. Frontiers in Immunology, 0, 13 , .	2.2	1
1215	SARS-CoV-2 can infect human embryos. Scientific Reports, 2022, 12, .	1.6	7
1216	Lung Organoids as Model to Study SARS-CoV-2 Infection. Cells, 2022, 11, 2758.	1.8	8
1217	Lots of long COVID treatment leads, but few are proven. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119 , .	3.3	13
1218	The Perspective of Vitamin D on suPAR-Related AKI in COVID-19. International Journal of Molecular Sciences, 2022, 23, 10725.	1.8	4
1219	The choroid plexus and its role in the pathogenesis of neurological infections. Fluids and Barriers of the CNS, 2022, 19, .	2.4	20
1220	COVID-19 and Kidney Disease. Annual Review of Medicine, 2023, 74, 1-13.	5.0	6
1221	Acute kidney injury and electrolyte disorders in COVID-19. World Journal of Virology, 0, 11, 283-292.	1.3	4

#	Article	IF	CITATIONS
1222	Starting signal: Aberrant kinase activation as a trigger for SARS-CoV-2 induced axonal damage. Frontiers in Virology, $0, 2, .$	0.7	1
1223	Molnupiravir as an Early Treatment for COVID-19: A Real Life Study. Pathogens, 2022, 11, 1121.	1.2	9
1224	Neurological postâ€acute sequelae of <scp>SARS oV</scp> â€2 infection. Psychiatry and Clinical Neurosciences, 2023, 77, 72-83.	1.0	16
1225	Proteomic insights into SARS-CoV-2 infection mechanisms, diagnosis, therapies and prognostic monitoring methods. Frontiers in Immunology, 0, 13 , .	2.2	6
1226	The COVID-19 pandemic and Alzheimer $\hat{\mathbf{e}}^{\text{TM}}$ s disease: mutual risks and mechanisms. Translational Neurodegeneration, 2022, 11, .	3.6	25
1227	Kidney Involvement in Pediatric COVID-19 Cases: A Single-Center Experience., 2022, 57, 558-562.		1
1228	Clinical Consideration for Mesenchymal Stem Cells in Treatment of COVID-19. Current Pharmaceutical Design, 2022, 28, 2991-2994.	0.9	2
1229	Dysfunctional purinergic signaling correlates with disease severity in COVID-19 patients. Frontiers in lmmunology, $0,13,.$	2.2	14
1230	Neurological manifestations in patients with new coronavirus infection COVID-19. Physical and Rehabilitation Medicine Medical Rehabilitation, 2022, 4, 154-180.	0.1	2
1231	SARS-CoV-2 and HIV-1: So Different yet so Alike <i>/i> Immune Response at the Cellular and Molecular Level. International Journal of Medical Sciences, 2022, 19, 1787-1795.</i>	1.1	6
1232	SARS-CoV-2 infection causes prolonged cardiomyocyte swelling and inhibition of HIF1 $\hat{l}\pm$ translocation in an animal model COVID-19. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	7
1233	SARSâ€CoVâ€2 cellular tropism and direct multiorgan failure in COVIDâ€19 patients: Bioinformatic predictions, experimental observations, and open questions. Cell Biology International, 2023, 47, 308-326.	1.4	7
1234	Endothelial Dysfunction in COVID-19: Potential Mechanisms and Possible Therapeutic Options. Life, 2022, 12, 1605.	1.1	12
1235	Neuropilin-1 Mediates SARS-CoV-2 Infection of Astrocytes in Brain Organoids, Inducing Inflammation Leading to Dysfunction and Death of Neurons. MBio, 2022, 13, .	1.8	33
1236	Drug Development Strategies and Immunological Aspects of SARS-CoV-2. Open Public Health Journal, 2022, 15, .	0.1	2
1237	Enhanced metanephric specification to functional proximal tubule enables toxicity screening and infectious disease modelling in kidney organoids. Nature Communications, 2022, 13, .	5.8	27
1238	EEG Microstate Analysis and the EEG Inverse Problem Solution as a Tool for Diagnosing Cognitive Dysfunctions in Individuals Who Have Had a Mild Form of COVID-19. Human Physiology, 2022, 48, 587-597.	0.1	3
1239	Impact of Hypertension on COVID-19 Burden in Kidney Transplant Recipients: An Observational Cohort Study. Viruses, 2022, 14, 2409.	1.5	2

#	Article	IF	CITATIONS
1241	HCV Infection Increases the Expression of ACE2 Receptor, Leading to Enhanced Entry of Both HCV and SARS-CoV-2 into Hepatocytes and a Coinfection State. Microbiology Spectrum, 2022, 10, .	1.2	9
1242	The trajectory of COVID-19 cardiopulmonary disease: insights from an autopsy study of community-based, pre-hospital deaths. ERJ Open Research, 2022, 8, 00303-2022.	1.1	4
1243	Cytokine Stormâ€"Definition, Causes, and Implications. International Journal of Molecular Sciences, 2022, 23, 11740.	1.8	61
1245	A machine learning approach utilizing DNA methylation as an accurate classifier of COVID-19 disease severity. Scientific Reports, 2022, 12, .	1.6	10
1246	Outcomes of critically ill coronavirus disease 2019 patients requiring kidney replacement therapy: A retrospective cohort study. Frontiers in Medicine, 0, 9, .	1.2	1
1247	Association of the matrix metalloproteinases (MMPs) family gene polymorphisms and the risk of coronavirus disease 2019 (COVID-19); implications of contribution for development of neurological symptoms in the COVID-19 patients. Molecular Biology Reports, 2023, 50, 173-183.	1.0	5
1248	SARS-CoV-2 drives NLRP3 inflammasome activation in human microglia through spike protein. Molecular Psychiatry, 2023, 28, 2878-2893.	4.1	47
1249	Pathogenesis and histological changes of nephropathy associated with COVIDâ€19. Journal of Medical Virology, 2023, 95, .	2.5	5
1250	Hippo signaling pathway activation during SARS-CoV-2 infection contributes to host antiviral response. PLoS Biology, 2022, 20, e3001851.	2.6	12
1251	Neurotropic SARS-CoV-2: Causalities and Realities. , 0, , .		1
1254	COVID-19 associated liver injury: A general review with special consideration of pregnancy and obstetric outcomes. World Journal of Gastroenterology, 0, 28, 6017-6033.	1.4	1
1255	Association between SARS-CoV-2 RNAemia and dysregulated immune response in acutely ill hospitalized COVID-19 patients. Scientific Reports, 2022, 12, .	1.6	9
1256	Acute and chronic histopathological findings in renal biopsies in COVID-19. Clinical and Experimental Medicine, 2023, 23, 1003-1014.	1.9	6
1258	Cognitive consequences of COVID-19. Zhurnal Nevrologii I Psikhiatrii Imeni S S Korsakova, 2022, 122, 7.	0.1	0
1259	Non-vitamin K antagonist oral anticoagulants for COVID-19 thrombosis. Journal of Acute Disease, 2022, 11, 212.	0.0	0
1260	The use of methylprednisolone in patients with Coronavirus disease 2019 (COVID-19) requiring intensive care hospitalization: a longitudinal observational study. Acta Anaesthesiologica Belgica, 2021, 72, 129-133.	0.0	0
1261	COVID 19: Airway Management and Pharmacological Strategies. Journal of Cardiac Critical Care TSS, 2022, 06, 210-215.	0.0	0
1262	COVID-19 IN PATIENTS WITH MYELOPROLIFERATIVE NEOPLASMS: THE RISK OF THROMBOEMBOLIC EVENTS AND CURRENT OPTIONS FOR ANTITHROMBOTIC PROPHYLAXIS., 2022,, 88-103.	0.3	О

#	Article	IF	CITATIONS
1263	Making the pandemic normal. Claridades, 2022, 14, 183-195.	0.1	0
1264	Virological and histological evaluation of intestinal samples in COVID-19 patients. World Journal of Gastroenterology, 0, 28, 6282-6293.	1.4	1
1265	Histopathological pulmonary findings of survivors and autopsy COVID-19 cases: A bi-center study. Medicine (United States), 2022, 101, e32002.	0.4	1
1266	Elevated ubiquitination contributes to protective immunity against severe SARSâ€CoVâ€2 infection. Clinical and Translational Medicine, 2022, 12, .	1.7	7
1267	Peripartum Cardiomyopathy-Induced Cardiogenic Shock Causing Hypoxic-Ischemic Encephalopathy in a COVID-19 Patient. Case Reports in Critical Care, 2022, 2022, 1-5.	0.2	0
1268	Brain fog as a Long-term Sequela of COVID-19. SN Comprehensive Clinical Medicine, 2023, 5, .	0.3	14
1269	Nanomaterials to combat SARS-CoV-2: Strategies to prevent, diagnose and treat COVID-19. Frontiers in Bioengineering and Biotechnology, $0,10,10$	2.0	3
1270	On the Role of Geriatric Services in the Diagnosis and Monitoring of Outcomes of Post-Covid Syndrome (Review). Advances in Gerontology, 2022, 12, 357-369.	0.1	0
1271	Opportunities and Challenges of Human IPSC Technology in Kidney Disease Research. Biomedicines, 2022, 10, 3232.	1.4	0
1272	Influenza A virus modulates ACE2 expression and SARS-CoV-2 infectivity in human cardiomyocytes. IScience, 2022, 25, 105701.	1.9	1
1273	SARS-CoV-2 viral protein ORF3A injures renal tubules by interacting with TRIM59 to induce STAT3 activation. Molecular Therapy, 2023, 31, 774-787.	3.7	8
1274	SARS-CoV-2 viral load and shedding kinetics. Nature Reviews Microbiology, 0, , .	13.6	57
1275	Neurotropism and blood-brain barrier involvement in COVID-19. Frontiers in Drug Delivery, 0, 2, .	0.4	2
1276	Peak Plasma Levels of mtDNA Serve as a Predictive Biomarker for COVID-19 in-Hospital Mortality. Journal of Clinical Medicine, 2022, 11, 7161.	1.0	6
1277	Study of thyroid function among COVID-19-affected and non-affected people during pre and post-vaccination. BMC Endocrine Disorders, 2022, 22, .	0.9	3
1278	Liver alterations and detection of SARS-CoV-2 RNA and proteins in COVID-19 autopsies. GeroScience, 2023, 45, 1015-1031.	2.1	5
1279	Control of SARS-CoV-2 infection by MT1-MMP-mediated shedding of ACE2. Nature Communications, 2022, 13, .	5.8	8
1280	The COVID-19 explorerâ€"An integrated, whole patient knowledge model of COVID-19 disease. Frontiers in Molecular Medicine, 0, 2, .	0.6	2

#	Article	IF	CITATIONS
1281	Assessment of the general condition and quality of life ofÂwomen ofÂpost-reproductive age after asymptomatic COVID-19 and 12Âmonths after moderate COVID-19. Acta Biomedica Scientifica, 2022, 7, 77-85.	0.1	4
1282	Treatment with quercetin inhibits SARS-CoV-2 N protein-induced acute kidney injury by blocking Smad3-dependent G1 cell-cycle arrest. Molecular Therapy, 2023, 31, 344-361.	3.7	9
1283	TRPC3-Nox2 Protein Complex Formation Increases the Risk of SARS-CoV-2 Spike Protein-Induced Cardiomyocyte Dysfunction through ACE2 Upregulation. International Journal of Molecular Sciences, 2023, 24, 102.	1.8	3
1284	SARS-CoV-2 infection and persistence in the human body and brain at autopsy. Nature, 2022, 612, 758-763.	13.7	315
1285	Susceptibility of SARS Coronavirus-2 infection in domestic and wild animals: a systematic review. 3 Biotech, 2023, 13, .	1.1	6
1286	COVID-19 Infection and Ambulatory Surgery: Decision Making based on Known Knowns. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2022, , .	1.7	0
1287	Kidney injury associated with COVID-19 infection and vaccine: A narrative review. Frontiers in Medicine, 0, 9, .	1.2	9
1288	The relationship between chronic immune response and neurodegenerative damage in long COVID-19. Frontiers in Immunology, 0, 13, .	2.2	11
1289	Whole patient knowledge modeling of COVID-19 symptomatology reveals common molecular mechanisms. Frontiers in Molecular Medicine, 0, 2, .	0.6	2
1290	Diffuse proliferative glomerulonephritis in a patient with COVID-19 infection. BMJ Case Reports, 2023, 16, e251962.	0.2	2
1291	Mucociliary transport deficiency and disease progression in Syrian hamsters with SARS-CoV-2 infection. JCI Insight, 2023, 8, .	2.3	6
1292	Acute Vascular Injury in COVID-19. Contemporary Cardiology, 2022, , 151-170.	0.0	0
1293	SARS-CoV-2 replicates and displays oncolytic properties in clear cell and papillary renal cell carcinoma. PLoS ONE, 2023, 18, e0279578.	1.1	11
1294	Infectivity of pseudotyped SARSâ€CoVâ€2 variants of concern in different human cell types and inhibitory effects of recombinant spike protein and entryâ€related cellular factors. Journal of Medical Virology, 2023, 95, .	2.5	3
1295	Extracellular vesicles mediate antibody-resistant transmission of SARS-CoV-2. Cell Discovery, 2023, 9, .	3.1	21
1296	Glomerulonephritis: immunopathogenesis and immunotherapy. Nature Reviews Immunology, 2023, 23, 453-471.	10.6	18
1297	COVID-19 and liver injury: An ongoing challenge. World Journal of Gastroenterology, 0, 29, 257-271.	1.4	12
1298	Pathogenesis and Mechanisms of SARS-CoV-2 Infection in the Intestine, Liver, and Pancreas. Cells, 2023, 12, 262.	1.8	13

#	Article	IF	CITATIONS
1300	Successful lung transplantation using an allograft from a COVID-19–recovered donor: a potential role for subgenomic RNA to guide organ utilization. American Journal of Transplantation, 2023, 23, 101-107.	2.6	5
1301	Liver injury in COVID-19: Clinical features, potential mechanisms, risk factors and clinical treatments. World Journal of Gastroenterology, 0, 29, 241-256.	1.4	8
1302	Endothelial dysfunction in patients with COVID-19 is a key mechanism for the development of complications. Systemic Hypertension, 2023, 19, 37-44.	0.1	1
1303	A Review on COVID-19: Primary Receptor, Endothelial Dysfunction, Related Comorbidities, and Therapeutics., 0,,.		0
1304	Risk of New-Onset Liver Injuries Due to COVID-19 in Preexisting Hepatic Conditions—Review of the Literature. Medicina (Lithuania), 2023, 59, 62.	0.8	3
1305	Magnetic Resonance Imaging Scan of the Brain After Mild COVID-19 Infection. Cureus, 2023, , .	0.2	1
1306	Blood pH and COVIDâ€19. Archiv Der Pharmazie, 2023, 356, .	2.1	1
1307	Kidney outcome after mild to moderate COVID-19. Nephrology Dialysis Transplantation, 0, , .	0.4	1
1308	SARS-CoV-2 Establishes a Productive Infection in Hepatoma and Glioblastoma Multiforme Cell Lines. Cancers, 2023, 15, 632.	1.7	3
1309	The OM-85 bacterial lysate: A new tool against SARS-CoV-2?. Multidisciplinary Respiratory Medicine, 0, 18, .	0.6	0
1310	The Research Progress of COVID-19 Related Kidney Injury. Advances in Clinical Medicine, 2023, 13, 1452-1460.	0.0	0
1311	Blood Prestin Levels in COVID-19 Patients. Journal of the Chinese Medical Association, 0, Publish Ahead of Print, .	0.6	0
1312	ASSESSMENT OF CAUSE OF DEATH AND INTERNAL ORGANS OF HUMAN BODIES OF COVID-19 PATIENTS RECEIVED FOR AUTOPSIES TO A TERTIARY CARE HOSPITAL OF LAHORE , 2023, 20, .		0
1313	SARS-CoV-2 N protein induces acute kidney injury in diabetic mice via the Smad3-Ripk3/MLKL necroptosis pathway. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	3
1314	Modified Banff Criteria in Assessing SARS-CoV-2-Associated Renal Pathology: An Autopsy Study. Cureus, 2023, , .	0.2	0
1315	SARS-CoV-2 Infection of Human Neurons Is TMPRSS2 Independent, Requires Endosomal Cell Entry, and Can Be Blocked by Inhibitors of Host Phosphoinositol-5 Kinase. Journal of Virology, 2023, 97, .	1.5	9
1316	Stress levels, psychological symptoms, and C-reactive protein levels in COVID-19: A cross-sectional study. Journal of Affective Disorders, 2023, 330, 216-226.	2.0	3
1317	Tight junction protein occludin is an internalization factor for SARS-CoV-2 infection and mediates virus cell-to-cell transmission. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	3

#	Article	IF	CITATIONS
1318	Modeling identifies variability in SARS-CoV-2 uptake and eclipse phase by infected cells as principal drivers of extreme variability in nasal viral load in the 48Âh post infection. Journal of Theoretical Biology, 2023, 565, 111470.	0.8	5
1319	Risk Factors of Developing COVID-19 and its Severe Course. Contemporary Cardiology, 2022, , 49-71.	0.0	0
1320	Reproductive Effects of COVID-19: A Journey through COVID-19 Pathogenesis. , 2022, , 1-7.		0
1321	Transplant of organs from donors with positive SARSâ€CoVâ€2 nucleic acid testing: A report from the organ procurement and transplantation network ad hoc disease transmission advisory committee. Transplant Infectious Disease, 2023, 25, .	0.7	18
1322	Kidney Biopsy Findings in Patients with SARS-CoV-2 Infection or After COVID-19 Vaccination. Clinical Journal of the American Society of Nephrology: CJASN, 2023, 18, 613-625.	2.2	3
1323	High-depth sequencing characterization of viral dynamics across tissues in fatal COVID-19 reveals compartmentalized infection. Nature Communications, 2023, 14, .	5.8	10
1324	Two-Hit Kidney Allograft Injury by SARS-CoV-2. Cureus, 2023, , .	0.2	1
1325	A specific molecular signature in SARS-CoV-2–infected kidney biopsies. JCI Insight, 2023, 8, .	2.3	3
1326	SARSâ€CoVâ€2 infection of kidney tissues from severe COVIDâ€19 patients. Journal of Medical Virology, 2023, 95, .	2.5	5
1327	Acute Kidney Injury with SARS-CoV-2 Infection in Pediatric Patients Receiving High-Dose Methotrexate Chemotherapy: A Report of Three Cases. Children, 2023, 10, 331.	0.6	1
1328	Detection of SARS-CoV-2 viral proteins and genomic sequences in human brainstem nuclei. Npj Parkinson's Disease, 2023, 9, .	2.5	23
1329	The Long Story of Ebselen: From about One Century of its Synthesis to Clinical Trials. , 2023, , 567-591.		4
1330	Human brain organoids to explore SARSâ€CoVâ€2â€induced effects on the central nervous system. Reviews in Medical Virology, 2023, 33, .	3.9	7
1331	Crosstalk between COVID-19 Infection and Kidney Diseases: A Review on the Metabolomic Approaches. Vaccines, 2023, 11, 489.	2.1	3
1332	Update on Covid-19: vaccines, timing of transplant after COVID-19 infection and use of positive donors. Current Opinion in Organ Transplantation, 2023, 28, 76-84.	0.8	3
1333	New Postmortem Perspective on Emerging SARS-CoV-2 Variants of Concern, Germany. Emerging Infectious Diseases, 2023, 29, 652-656.	2.0	0
1334	Insights into organoid-based modeling of COVID-19 pathology. Virology Journal, 2023, 20, .	1.4	1
1335	Evidence of SARS-CoV-2 infection in postmortem lung, kidney, and liver samples, revealing cellular targets involved in COVID-19 pathogenesis. Archives of Virology, 2023, 168, .	0.9	3

#	Article	IF	CITATIONS
1336	COVID-19 Biogenesis and Intracellular Transport. International Journal of Molecular Sciences, 2023, 24, 4523.	1.8	7
1337	Delta (B1.617.2) variant of SARS-CoV-2 induces severe neurotropic patterns in K18-hACE2 mice. Scientific Reports, 2023, 13, .	1.6	6
1338	Gross Hematuria following SARS-CoV-2 Vaccination. Case Reports in Medicine, 2023, 2023, 1-3.	0.3	1
1339	Acute kidney injury in Coronavirus disease-19 related pneumonia in the intensive care unit: a retrospective multicenter study, Saudi Arabia. Multidisciplinary Respiratory Medicine, 0, 18, .	0.6	0
1340	Liver Injury Associated with COVID-19 Infection: Pathogenesis, Histopathology, Prognosis, and Treatment. Journal of Clinical Medicine, 2023, 12, 2067.	1.0	6
1341	Development of acute peptic ulcers complicated by gastrointestinal bleeding in patients with novel coronavirus infection. Hirurg, 2023, , 13-18.	0.0	0
1342	Importance of ACE2 for SARS-CoV-2 Infection of Kidney Cells. Biomolecules, 2023, 13, 472.	1.8	1
1343	SARSâ€CoVâ€2 infection of kidney tissues in some severe and fatal cases of COVIDâ€19. Journal of Medical Virology, 2023, 95, .	2.5	0
1344	Potential for Early Noninvasive COVID-19 Detection Using Electronic-Nose Technologies and Disease-Specific VOC Metabolic Biomarkers. Sensors, 2023, 23, 2887.	2.1	7
1345	What Is Cytokine Storm?. Lessons From the ICU, 2023, , 35-54.	0.1	0
1346	Alteration of the blood-brain barrier by COVID-19 and its implication in the permeation of drugs into the brain. Frontiers in Cellular Neuroscience, 0, 17, .	1.8	10
1347	The viral hypothesis in Alzheimer's disease: SARS-CoV-2 on the cusp. Frontiers in Aging Neuroscience, 0, 15, .	1.7	5
1349	Overview of the potential use of fluvoxamine for COVID-19 and long COVID. Discover Mental Health, 2023, 3, .	1.0	6
1350	Identification of common molecular signatures of SARS-CoV-2 infection and its influence on acute kidney injury and chronic kidney disease. Frontiers in Immunology, $0,14,.$	2.2	2
1351	COVID-19 as a Trigger for Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2023, 108, 2176-2183.	1.8	8
1352	COVID-19 and MAFLD/NAFLD: An updated review. Frontiers in Medicine, 0, 10, .	1.2	4
1353	Cellâ€Based Biomaterials for Coronavirus Disease 2019 Prevention and Therapy. Advanced Healthcare Materials, 2023, 12, .	3.9	0
1354	Viruses and amyloids - a vicious liaison. Prion, 2023, 17, 82-104.	0.9	5

#	Article	IF	Citations
1355	$TNF\hat{l} \pm aggravates$ detrimental effects of SARS-CoV-2 infection in the liver. Frontiers in Immunology, 0, 14, .	2.2	3
1356	Alterations of adipokines, pancreatic hormones and incretins in acute and convalescent COVID-19 children. BMC Pediatrics, 2023, 23, .	0.7	0
1357	Shared molecular signatures between coronavirus infection and neurodegenerative diseases provide targets for broad-spectrum drug development. Scientific Reports, 2023, 13, .	1.6	0
1359	Kidney Manifestations of COVID-19. , 2024, , 203-217.		O
1360	COVID-19: Natural History andÂSpectrum of Disease., 2024,, 72-98.		0
1361	Comparison of thromboembolic risk scores for evaluating in-hospital events of COVID-19 patients. Biomarkers in Medicine, 2023, 17, 59-72.	0.6	1
1363	Damage to endothelial barriers and its contribution to long COVID. Angiogenesis, 2024, 27, 5-22.	3.7	10
1391	SARS-CoV-2 and the nervous system: current perspectives. Archives of Virology, 2023, 168, .	0.9	9
1405	Adult and childhood vasculitis. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2023, , 653-705.	1.0	3
1406	COVID-19 (novel SARS-CoV-2) neurological illness. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2023, , 159-179.	1.0	2
1419	Brain Pathology in COVID-19: Clinical Manifestations and Potential Mechanisms. Neuroscience Bulletin, 2024, 40, 383-400.	1.5	0
1426	Using autopsies to dissect COVID-19 pathogenesis. Nature Microbiology, 2023, 8, 1986-1994.	5.9	3
1429	COVID-19: sequelae and long-term consequences. , 2023, , 223-249.		0
1458	Non-coding RNAs expression in SARS-CoV-2 infection: pathogenesis, clinical significance, and therapeutic targets. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	0
1468	Reproductive Effects of COVID-19: A Journey Through COVID-19 Pathogenesis., 2023, , 103-109.		0
1478	SARS-CoV-2-associated complications. , 2024, , 45-53.		0
1479	Inflammasomes in neurological disorders â€" mechanisms and therapeutic potential. Nature Reviews Neurology, 2024, 20, 67-83.	4.9	2
1486	The Health Aspects of Epidemics and Pandemics. , 2024, , 118-125.		0

#	Article	IF	CITATIONS
1491	Renal Autoimmunity: The Role of Bacterial and Viral Infections – An Extensive Review. , 2024, , 909-948.		0
1494	COVID-19 diagnostic approaches and modern mesenchymal stem cell-based treatment. , 2024, , 57-68.		0
1498	Clinical Characteristics and Relationship of Acute Kidney Injury With the Severity of Disease and Death in COVID-19 Patients. Health Information Systems and the Advancement of Medical Practice in Developing Countries, 2023, , 228-258.	0.1	0
1508	Impact of SARS-CoV-2/COVID-19 on HIV-1-associated neurocognitive disorders. , 2024, , 355-378.		0
1509	Custom YOLOV4 object detection model for COVID-19 diagnosis and cell counting. AIP Conference Proceedings, 2024, , .	0.3	0