Postmortem examination of COVIDâ€19 patients reveal capillary congestion and variegated findings in lungs are vascular dysfunction

Histopathology 77, 198-209

DOI: 10.1111/his.14134

Citation Report

#	Article	IF	CITATIONS
1	Cardiovascular diseases burden in COVID-19: Systematic review and meta-analysis. American Journal of Emergency Medicine, 2021, 46, 382-391.	0.7	84
2	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
3	COVID-19 and Microvascular Disease: Pathophysiology of SARS-CoV-2 Infection With Focus on the Renin-Angiotensin System. Heart Lung and Circulation, 2020, 29, 1596-1602.	0.2	30
4	Cardiac inflammation in COVID-19: Lessons from heart failure. Life Sciences, 2020, 260, 118482.	2.0	72
5	Pathological changes in the lungs and lymphatic organs of 12 COVID-19 autopsy cases. National Science Review, 2020, 7, 1868-1878.	4.6	52
6	Invasive Pulmonary Aspergillosis in Patients with SARS-CoV-2 Infection: A Systematic Review of the Literature. Diagnostics, 2020, 10, 807.	1.3	49
7	Chest CT in COVID-19: What the Radiologist Needs to Know. Radiographics, 2020, 40, 1848-1865.	1.4	305
8	Histopathologic and Autopsy Findings in Patients Diagnosed With Coronavirus Disease 2019 (COVID-19): What We Know So Far Based on Correlation With Clinical, Morphologic and Pathobiological Aspects. Advances in Anatomic Pathology, 2020, 27, 363-370.	2.4	24
9	Two distinct immunopathological profiles in autopsy lungs of COVID-19. Nature Communications, 2020, 11, 5086.	5.8	230
10	In Silico Modeling of Coronavirus Disease 2019 Acute Respiratory Distress Syndrome: Pathophysiologic Insights and Potential Management Implications. , 2020, 2, e0202.		14
11	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
12	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
13	Host-pathogen interaction in COVID-19: Pathogenesis, potential therapeutics and vaccination strategies. Immunobiology, 2020, 225, 152008.	0.8	65
14	Observational study of the use of recombinant tissue-type plasminogen activator in COVID-19 shows a decrease in physiological dead space. ERJ Open Research, 2020, 6, 00455-2020.	1.1	7
15	Potential Therapeutic Effect of Traditional Chinese Medicine on Coronavirus Disease 2019: A Review. Frontiers in Pharmacology, 2020, 11, 570893.	1.6	20
16	Unpuzzling COVID-19 Prothrombotic State: Are Preexisting Thrombophilic Risk Profiles Responsible for Heterogenous Thrombotic Events?. Clinical and Applied Thrombosis/Hemostasis, 2020, 26, 107602962095288.	0.7	12
17	Incidence of Deep Venous Thrombosis in Patients With <scp>COVID</scp> â€19 and Pulmonary Embolism. Journal of Ultrasound in Medicine, 2021, 40, 1411-1416.	0.8	13
18	Relationship between blood group and risk of infection and death in COVID-19: a live meta-analysis. New Microbes and New Infections, 2020, 37, 100743.	0.8	50

#	ARTICLE	IF	Citations
19	COVID-19 and the Heart and Vasculature. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2045-2053.	1.1	25
20	Association of Interleukin 7 Immunotherapy With Lymphocyte Counts Among Patients With Severe Coronavirus Disease 2019 (COVID-19). JAMA Network Open, 2020, 3, e2016485.	2.8	77
21	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
22	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
23	Late histological findings in symptomatic COVID-19 patients. Medicine (United States), 2020, 99, e21046.	0.4	13
24	COVID-19 necrotising pneumonia and extracorporeal membrane oxygenation: a challenge for anticoagulation. ERJ Open Research, 2020, 6, 00182-2020.	1.1	12
25	Differentiation of COVID-19 Pneumonitis and ICI Induced Pneumonitis. Frontiers in Oncology, 2020, 10, 577696.	1.3	15
26	Expression of SARS-CoV-2 Entry Factors in the Pancreas of Normal Organ Donors and Individuals with COVID-19. Cell Metabolism, 2020, 32, 1041-1051.e6.	7.2	135
27	Response to Letter to the Editor. Journal of Thoracic Oncology, 2020, 15, e193-e194.	0.5	0
28	Thromboembolism risk of COVID-19 is high and associated with a higher risk of mortality: A systematic review and meta-analysis. EClinicalMedicine, 2020, 29-30, 100639.	3.2	479
29	Retrospective cohort study of clinical characteristics of 2199 hospitalised patients with COVID-19 in New York City. BMJ Open, 2020, 10, e040736.	0.8	50
30	A novel optical biosensor for the early diagnosis of sepsis and severe Covid-19: the PROUD study. BMC Infectious Diseases, 2020, 20, 860.	1.3	7
31	Rare case of COVID-19 presenting as acute abdomen and sepsis. New Microbes and New Infections, 2020, 38, 100818.	0.8	5
32	Thromboembolic Findings in COVID-19 Autopsies: Pulmonary Thrombosis or Embolism?. Annals of Internal Medicine, 2020, 173, 394-395.	2.0	77
33	Venous thrombosis, thromboembolism, biomarkers of inflammation, and coagulation in coronavirus disease 2019. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2021, 9, 835-844.e4.	0.9	14
34	COVID-19: The Emerging Immunopathological Determinants for Recovery or Death. Frontiers in Microbiology, 2020, 11, 588409.	1.5	19
35	Accidental death from a fall from height at workplace turned out to be a COVID-19 death. Forensic Science International: Reports, 2020, 2, 100139.	0.4	4
36	Body Mass Index and Risk for Intubation or Death in SARS-CoV-2 Infection. Annals of Internal Medicine, 2020, 173, 782-790.	2.0	175

#	Article	IF	Citations
37	Thrombosis and Coagulopathy in COVID-19 Patients Requiring Extracorporeal Membrane Oxygenation. ASAIO Journal, 2020, 66, 844-846.	0.9	34
38	COVIDâ€19 related lung pathology: old patterns in new clothing?. Histopathology, 2020, 77, 169-172.	1.6	24
39	COVID-19 versus HIT hypercoagulability. Thrombosis Research, 2020, 196, 38-51.	0.8	37
40	Autopsies of COVID-19 deceased? Absolutely!. Legal Medicine, 2020, 47, 101769.	0.6	51
41	Lung Injury in COVID-19—An Emerging Hypothesis. ACS Chemical Neuroscience, 2020, 11, 2156-2158.	1.7	25
42	Abnormal Liver Function Tests in Patients With COVIDâ€19: Relevance and Potential Pathogenesis. Hepatology, 2020, 72, 1864-1872.	3.6	221
43	COVID-19-associated vasculitis and vasculopathy. Journal of Thrombosis and Thrombolysis, 2020, 50, 499-511.	1.0	222
44	Answer to August 2020 Photo Quiz. Journal of Clinical Microbiology, 2020, 58, .	1.8	0
45	SARS-CoV-2 detection in different respiratory sites: A systematic review and meta-analysis. EBioMedicine, 2020, 59, 102903.	2.7	123
46	Incidence and mortality of pulmonary embolism in COVID-19: a systematic review and meta-analysis. Critical Care, 2020, 24, 464.	2.5	64
47	COVID-19 Infection and High Intracoronary Thrombus Burden. Cardiovascular Revascularization Medicine, 2021, 28, 82-87.	0.3	2
48	Current Overview on Hypercoagulability in COVID-19. American Journal of Cardiovascular Drugs, 2020, 20, 393-403.	1.0	145
49	Megakaryocytes and platelet-fibrin thrombi characterize multi-organ thrombosis at autopsy in COVID-19: A case series. EClinicalMedicine, 2020, 24, 100434.	3.2	465
50	Therapeutic plasma exchange in adult critically ill patients with life-threatening SARS-CoV-2 disease: A pilot study. Journal of Critical Care, 2020, 60, 328-333.	1.0	37
51	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
52	COVIDâ€19 coagulopathy: An inâ€depth analysis of the coagulation system. European Journal of Haematology, 2020, 105, 741-750.	1.1	93
53	Pathogenesis of COVID-19-induced ARDS: implications for an ageing population. European Respiratory Journal, 2020, 56, 2002049.	3.1	168
54	Unspecific post-mortem findings despite multiorgan viral spread in COVID-19 patients. Critical Care, 2020, 24, 495.	2.5	241

#	Article	IF	Citations
55	SARS-CoV-2 PCR testing of skin for COVID-19 diagnostics: a case report. Lancet, The, 2020, 396, 598-599.	6.3	41
56	A Japanese case of COVIDâ€19: An autopsy report. Pathology International, 2020, 70, 820-824.	0.6	23
57	Pulmonary vascular enlargement on thoracic CT for diagnosis and differential diagnosis of COVID-19: a systematic review and meta-analysis. Annals of Translational Medicine, 2020, 8, 878-878.	0.7	22
58	Analysis of cardiopulmonary findings in COVID-19 fatalities: High incidence of pulmonary artery thrombi and acute suppurative bronchopneumonia. Cardiovascular Pathology, 2020, 49, 107263.	0.7	105
59	Obesity as a contributor to immunopathology in pregnant and nonâ€pregnant adults with COVIDâ€19. American Journal of Reproductive Immunology, 2020, 84, e13320.	1.2	14
60	Severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) and coronavirus disease 19 (COVID-19) – anatomic pathology perspective on current knowledge. Diagnostic Pathology, 2020, 15, 103.	0.9	126
61	Preliminary Post-Mortem COVID-19 Evidence of Endothelial Injury and Factor VIII Hyperexpression. Diagnostics, 2020, 10, 575.	1.3	58
62	SARS-CoV-2 viral load is associated with increased disease severity and mortality. Nature Communications, 2020, 11, 5493.	5.8	702
63	ACE2 localizes to the respiratory cilia and is not increased by ACE inhibitors or ARBs. Nature Communications, 2020, 11, 5453.	5.8	191
64	Clinical, Serological, and Histopathological Similarities Between Severe COVID-19 and Acute Exacerbation of Connective Tissue Disease-Associated Interstitial Lung Disease (CTD-ILD). Frontiers in Immunology, 2020, 11, 587517.	2.2	49
65	Central Nervous System Manifestations Associated with COVID-19. Current Neurology and Neuroscience Reports, 2020, 20, 60.	2.0	73
66	Histopathologic Findings of Coronavirus in Lung: A Mini-Review. BMC Clinical Pathology, 2020, 13, 2632010X2095182.	0.7	2
67	Cytokine storm and COVID-19: a chronicle of pro-inflammatory cytokines. Open Biology, 2020, 10, 200160.	1.5	232
68	Designed variants of ACE2-Fc that decouple anti-SARS-CoV-2 activities from unwanted cardiovascular effects. International Journal of Biological Macromolecules, 2020, 165, 1626-1633.	3.6	18
69	Surfactant replacement might help recovery of low-compliance lung in severe COVID-19 pneumonia. Therapeutic Advances in Respiratory Disease, 2020, 14, 175346662095104.	1.0	33
70	COVID-19 pulmonary pathology: a multi-institutional autopsy cohort from Italy and New York City. Modern Pathology, 2020, 33, 2156-2168.	2.9	380
71	Forty Postmortem Examinations in COVID-19 Patients. American Journal of Clinical Pathology, 2020, 154, 748-760.	0.4	84
72	Incidence of acute pulmonary embolism in COVID-19 patients: Systematic review and meta-analysis European Journal of Internal Medicine, 2020, 82, 29-37.	1.0	107

#	Article	IF	CITATIONS
73	The Potential Role of Heparin in Patients With COVID-19: Beyond the Anticoagulant Effect. A Review. Frontiers in Pharmacology, 2020, 11, 1307.	1.6	74
74	Pulmonary artery thrombi are co-located with opacifications in SARS-CoV2 induced ARDS. Respiratory Medicine, 2020, 172, 106135.	1.3	30
75	Repurposing Immunomodulatory Therapies against Coronavirus Disease 2019 (COVID-19) in the Era of Cardiac Vigilance: A Systematic Review. Journal of Clinical Medicine, 2020, 9, 2935.	1.0	8
76	COVID-19-Induced Thrombosis in Patients without Gastrointestinal Symptoms and Elevated Fecal Calprotectin: Hypothesis Regarding Mechanism of Intestinal Damage Associated with COVID-19. Tropical Medicine and Infectious Disease, 2020, 5, 147.	0.9	25
77	Hemostatic Abnormalities in COVID-19: An Update. Indian Journal of Hematology and Blood Transfusion, 2020, 36, 616-626.	0.3	34
78	Prevalence and Outcomes of D-Dimer Elevation in Hospitalized Patients With COVID-19. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2539-2547.	1.1	134
79	Reverse takotsubo cardiomyopathy in fulminant COVID-19 associated with cytokine release syndrome and resolution following therapeutic plasma exchange: a case-report. BMC Cardiovascular Disorders, 2020, 20, 389.	0.7	28
80	Neuronophagia and microglial nodules in a SARS-CoV-2 patient with cerebellar hemorrhage. Acta Neuropathologica Communications, 2020, 8, 147.	2.4	104
81	Thrombosis in <scp>COVID</scp> â€19. American Journal of Hematology, 2020, 95, 1578-1589.	2.0	235
82	Endothelial Dysfunction in COVID-19: Lessons Learned from Coronaviruses. Current Hypertension Reports, 2020, 22, 63.	1.5	121
83	A proof of evidence supporting abnormal immunothrombosis in severe COVID-19: naked megakaryocyte nuclei increase in the bone marrow and lungs of critically ill patients. Platelets, 2020, 31, 1085-1089.	1.1	53
84	Correlates of critical illness-related encephalopathy predominate postmortem COVID-19 neuropathology. Acta Neuropathologica, 2020, 140, 583-586.	3.9	117
85	Guidance for the Management of Patients with Vascular Disease or Cardiovascular Risk Factors and COVID-19: Position Paper from VAS-European Independent Foundation in Angiology/Vascular Medicine. Thrombosis and Haemostasis, 2020, 120, 1597-1628.	1.8	131
87	COVID-19-related organ dysfunction and management strategies on the intensive care unit: a narrative review. British Journal of Anaesthesia, 2020, 125, 912-925.	1.5	36
88	Clinical Update for Physical Therapists: Coagulopathy and COVID-19. Physical Therapy, 2020, 100, 2127-2133.	1.1	3
89	Cardiovascular Damage in COVID-19: Therapeutic Approaches Targeting the Renin-Angiotensin-Aldosterone System. International Journal of Molecular Sciences, 2020, 21, 6471.	1.8	21
90	Postmortem Findings in Italian Patients With COVID-19: A Descriptive Full Autopsy Study of Cases With and Without Comorbidities. Journal of Infectious Diseases, 2020, 222, 1807-1815.	1.9	167
91	Multidisciplinary Guidance Regarding the Use of Immunomodulatory Therapies for Acute Coronavirus Disease 2019 in Pediatric Patients. Journal of the Pediatric Infectious Diseases Society, 2020, 9, 716-737.	0.6	40

#	Article	IF	CITATIONS
92	The Virological, Immunological, and Imaging Approaches for COVID-19 Diagnosis and Research. SLAS Technology, 2020, 25, 522-544.	1.0	18
93	COVID-19 Associated Coagulopathy and Thrombotic Complications. Clinical and Applied Thrombosis/Hemostasis, 2020, 26, 107602962094813.	0.7	20
94	Treatment of COVID-19 With Conestat Alfa, a Regulator of the Complement, Contact Activation and Kallikrein-Kinin System. Frontiers in Immunology, 2020, 11, 2072.	2.2	67
95	Histopathological findings and viral tropism in UK patients with severe fatal COVID-19: a post-mortem study. Lancet Microbe, The, 2020, 1, e245-e253.	3.4	441
96	Pathology and Pathogenesis of SARS-CoV-2 Associated with Fatal Coronavirus Disease, United States. Emerging Infectious Diseases, 2020, 26, 2005-2015.	2.0	320
97	SARS-CoV2 vertical transmission with adverse effects on the newborn revealed through integrated immunohistochemical, electron microscopy and molecular analyses of Placenta. EBioMedicine, 2020, 59, 102951.	2.7	193
98	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
99	Design of a Multi-Control Objective Rescue Mechanical Ventilation System (Linshomator). Frontiers in Medical Technology, 2020, 2, 575964.	1.3	0
100	Adequate anticoagulation and ECMO therapy in COVID-19 patients with severe pulmonary embolism. Perfusion (United Kingdom), 2020, 36, 026765912097988.	0.5	4
101	SARS-CoV-2: Immune Response Elicited by Infection and Development of Vaccines and Treatments. Frontiers in Immunology, 2020, 11, 569760.	2.2	30
102	Arterial Hypertension as a Risk Comorbidity Associated with COVID-19 Pathology. International Journal of Hypertension, 2020, 2020, 1-7.	0.5	33
103	Lethal COVID-19: Radiologic-Pathologic Correlation of the Lungs. Radiology: Cardiothoracic Imaging, 2020, 2, e200406.	0.9	27
104	Postmortem CT lung findings in decedents with Covid-19: A review of 14 decedents and potential triage implications. Forensic Imaging, 2020, 23, 200419.	0.4	13
105	Pneumonia misinterpretation in COVID-19: Review and update. International Journal of Infectious Diseases, 2020, 100, 152-153.	1.5	1
106	Thrombosis of pulmonary vasculature despite anticoagulation and thrombolysis: The findings from seven autopsies. Thrombosis Update, 2020, 1, 100017.	0.4	11
107	Insidious development of pulmonary embolism in asymptomatic patients with COVID-19: Two rare case-reports. Respiratory Medicine Case Reports, 2020, 31, 101186.	0.2	13
108	Atypical Endovascular Cells in SARS-CoV-2 Pneumonia. American Journal of Forensic Medicine and Pathology, 2020, 41, e61-e63.	0.4	4
109	A case of secondary tension pneumothorax in COVID-19 pneumonia in a patient with no prior history of lung disease. SAGE Open Medical Case Reports, 2020, 8, 2050313X2096750.	0.2	4

#	Article	IF	CITATIONS
110	Evidence of thrombotic microangiopathy in children with SARS-CoV-2 across the spectrum of clinical presentations. Blood Advances, 2020, 4, 6051-6063.	2.5	105
111	In defence of extrapolation but not improvisation in SARS-CoV-2 lung disease. Breathe, 2020, 16, 200113.	0.6	3
112	Body Localization of ACE-2: On the Trail of the Keyhole of SARS-CoV-2. Frontiers in Medicine, 2020, 7, 594495.	1.2	182
113	The Contribution of Endothelial Dysfunction in Systemic Injury Subsequent to SARS-Cov-2 Infection. International Journal of Molecular Sciences, 2020, 21, 9309.	1.8	27
114	Revisiting One of the Dreaded Outcomes of the Current Pandemic: Pulmonary Embolism in COVID-19. Medicina (Lithuania), 2020, 56, 670.	0.8	2
115	Integrative Transcriptome Analyses Empower the Anti-COVID-19 Drug Arsenal. IScience, 2020, 23, 101697.	1.9	14
116	Rheumatic manifestations of COVID-19: a systematic review and meta-analysis. BMC Rheumatology, 2020, 4, 65.	0.6	78
117	Blood molecular markers associated with COVIDâ€19 immunopathology and multiâ€organ damage. EMBO Journal, 2020, 39, e105896.	3.5	123
118	Ischemic Heart Disease Pathophysiology Paradigms Overview: From Plaque Activation to Microvascular Dysfunction. International Journal of Molecular Sciences, 2020, 21, 8118.	1.8	148
119	Hyperthrombotic Milieu in COVID-19 Patients. Cells, 2020, 9, 2392.	1.8	27
120	Application of Humanized Zebrafish Model in the Suppression of SARS-CoV-2 Spike Protein Induced Pathology by Tri-Herbal Medicine Coronil via Cytokine Modulation. Molecules, 2020, 25, 5091.	1.7	35
121	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
122	Persistence of viral RNA, pneumocyte syncytia and thrombosis are hallmarks of advanced COVID-19 pathology. EBioMedicine, 2020, 61, 103104.	2.7	295
123	Multi-organ pathological findings associated with COVID-19 in postmortem needle core biopsies in four patients and a review of the current literature. Revista Espanola De Patologia, 2020, 54, 275-280.	0.6	6
124	Postmortem examination of COVIDâ€19 patients reveals diffuse alveolar damage with severe capillary congestion and variegated findings in lungs and other organs suggesting vascular dysfunction. Histopathology, 2020, 77, 198-209.	1.6	1,025
125	Delayed diagnosis of COVID-19 in a 34-year-old man with atypical presentation. Lancet Respiratory Medicine, the, 2020, 8, 644-646.	5.2	11
126	Reducing mortality and morbidity in patients with severe COVID-19 disease by advancing ongoing trials of Mesenchymal Stromal (stem) Cell (MSC) therapy — Achieving global consensus and visibility for cellular host-directed therapies. International Journal of Infectious Diseases, 2020, 96, 431-439.	1.5	43
127	The emerging spectrum of cardiopulmonary pathology of the coronavirus disease 2019 (COVID-19): Report of 3 autopsies from Houston, Texas, and review of autopsy findings from other United States cities. Cardiovascular Pathology, 2020, 48, 107233.	0.7	331

#	ARTICLE	IF	CITATIONS
128	Pulmonary Vascular Endothelialitis, Thrombosis, and Angiogenesis in Covid-19. New England Journal of Medicine, 2020, 383, 120-128.	13.9	4,442
129	Reply: COVID-19 Lung Injury and "Typical―Acute Respiratory Distress Syndrome: The Danger of Presumed Equivalency. Annals of the American Thoracic Society, 2020, 17, 1172-1173.	1.5	1
130	An overview of COVID-19 for diagnostic pathologists: clinicopathological correlation and diagnostic techniques. Diagnostic Histopathology, 2020, 26, 529-536.	0.2	4
131	Consideration of Severe Coronavirus Disease 2019 As Viral Sepsis and Potential Use of Immune Checkpoint Inhibitors., 2020, 2, e0141.		18
132	Thromboembolic events and Covid-19. Advances in Biological Regulation, 2020, 77, 100735.	1.4	61
133	A systematic review of pathological findings in COVID-19: a pathophysiological timeline and possible mechanisms of disease progression. Modern Pathology, 2020, 33, 2128-2138.	2.9	378
134	Autopsy of patients with COVID-19: A balance of fear and curiosity. Pathology Research and Practice, 2020, 216, 153039.	1.0	10
135	Implications of COVID-19 in pediatric rheumatology. Rheumatology International, 2020, 40, 1193-1213.	1.5	35
136	Corona deaths in Hamburg, Germany. International Journal of Legal Medicine, 2020, 134, 1267-1269.	1.2	6
137	SARSâ€CoVâ€2 as a Potential Trigger of Neurodegenerative Diseases. Movement Disorders, 2020, 35, 1104-1105.	2.2	16
138	Diffuse alveolar damage (DAD) resulting from coronavirus disease 2019 Infection is Morphologically Indistinguishable from Other Causes of DAD. Histopathology, 2020, 77, 570-578.	1.6	162
140	Appropriate terms for chest CT features in COVID-19 infection. Japanese Journal of Radiology, 2020, 38, 1108-1108.	1.0	1
141	ACE2, Much More Than Just a Receptor for SARS-COV-2. Frontiers in Cellular and Infection Microbiology, 2020, 10, 317.	1.8	276
142	A rationale for blocking thromboinflammation in COVID-19 with Btk inhibitors. Platelets, 2020, 31, 685-690.	1.1	35
143	In situ detection of SARS-CoV-2 in lungs and airways of patients with COVID-19. Modern Pathology, 2020, 33, 2104-2114.	2.9	257
144	SARSâ€CoVâ€2 endothelial infection causes COVIDâ€19 chilblains: histopathological, immunohistochemical and ultrastructural study of seven paediatric cases. British Journal of Dermatology, 2020, 183, 729-737.	1.4	361
145	SARSâ€CoVâ€2: What is known and what there is to knowâ€"Focus on coagulation and lipids. European Journal of Clinical Investigation, 2020, 50, e13311.	1.7	5
146	Feasibility of postmortem examination in the era of COVID-19 pandemic: the experience of a Northeast Italy University Hospital. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2020, 477, 341-347.	1.4	38

#	Article	IF	CITATIONS
147	Electron microscopy of SARS-CoV-2: a challenging task – Authors' reply. Lancet, The, 2020, 395, e100.	6.3	64
148	The hypercoagulable state in COVID-19: Incidence, pathophysiology, and management. Thrombosis Research, 2020, 194, 101-115.	0.8	454
149	Autopsy registry can facilitate <scp>COVID</scp> â€19 research. EMBO Molecular Medicine, 2020, 12, e12885.	3.3	20
150	SARS-CoV-2 pandemic and research gaps: Understanding SARS-CoV-2 interaction with the ACE2 receptor and implications for therapy. Theranostics, 2020, 10, 7448-7464.	4.6	180
151	The evolution of pulmonary pathology in fatal COVID-19 disease: an autopsy study with clinical correlation. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2020, 477, 349-357.	1.4	146
152	Clinical-Forensic Autopsy Findings to Defeat COVID-19 Disease: A Literature Review. Journal of Clinical Medicine, 2020, 9, 2026.	1.0	46
153	SARS-CoV-2-related deaths in routine forensic autopsy practice: histopathological patterns. International Journal of Legal Medicine, 2020, 134, 2205-2208.	1.2	25
154	Coronavirus Disease 2019 (COVID-19) Pandemic Shifts Inpatient Imaging Utilization. Journal of the American College of Radiology, 2020, 17, 1289-1298.	0.9	26
155	A focused review on the genital and sexual affection of COVID-19 patients. Journal of Gynecology Obstetrics and Human Reproduction, 2020, 49, 101848.	0.6	22
156	Insights into pathogenesis of fatal COVIDâ€19 pneumonia from histopathology with immunohistochemical and viral RNA studies. Histopathology, 2020, 77, 915-925.	1.6	92
157	Vasculopathy and Coagulopathy Associated with SARS-CoV-2 Infection. Cells, 2020, 9, 1583.	1.8	65
158	Case 23-2020: A 76-Year-Old Woman Who Died from Covid-19. New England Journal of Medicine, 2020, 383, 380-387.	13.9	14
159	Lung cavitation due to COVID-19 pneumonia. BMJ Case Reports, 2020, 13, e237245.	0.2	28
160	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
161	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
162	Coagulopathy in COVID-19 infection: a case of acute upper limb ischemia. Journal of Surgical Case Reports, 2020, 2020, rjaa204.	0.2	21
163	Unlocking the lockdown of science and demystifying COVID-19: how autopsies contribute to our understanding of a deadly pandemic. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2020, 477, 331-333.	1.4	19
164	Late histopathologic characteristics of critically ill COVID-19 patients: Different phenotypes without evidence of invasive aspergillosis, a case series. Journal of Critical Care, 2020, 59, 149-155.	1.0	86

#	Article	IF	CITATIONS
165	Detection of SARS-CoV-2 in formalin-fixed paraffin-embedded tissue sections using commercially available reagents. Laboratory Investigation, 2020, 100, 1485-1489.	1.7	80
167	Thrombosis in Coronavirus disease 2019 (COVID-19) through the prism of Virchow's triad. Clinical Rheumatology, 2020, 39, 2529-2543.	1.0	181
168	SARS-COV-2 and eye immunity: the lesson was learned but we are not done yet. Brainstorming on possible pathophysiology inspired by ocular models. International Ophthalmology, 2020, 40, 1879-1883.	0.6	12
169	Pathologic features of COVID-19: A concise review. Pathology Research and Practice, 2020, 216, 153097.	1.0	78
170	Histiocytic hyperplasia with hemophagocytosis and acute alveolar damage in COVID-19 infection. Modern Pathology, 2020, 33, 2139-2146.	2.9	61
171	When Two Pandemics Meet: Why Is Obesity Associated with Increased COVID-19 Mortality?. Med, 2020, 1, 33-42.	2.2	62
172	Tubular Epithelial and Peritubular Capillary Endothelial Injury in COVID-19 AKI. Kidney International Reports, 2021, 6, 518-525.	0.4	10
173	Severe neurological complications in critically ill COVID-19 patients. Journal of Neurology, 2021, 268, 1576-1579.	1.8	5
174	Antimalarial and cytotoxic drugs on COVID-19 and the cardiovascular burden: Literature review and lessons to be learned. Vascular, 2021, 29, 220-227.	0.4	1
175	Fatal pulmonary fibrosis: a post-COVID-19 autopsy case. Journal of Clinical Pathology, 2021, 74, 400-402.	1.0	64
176	Genetic variations in the human severe acute respiratory syndrome coronavirus receptor <i>ACE2</i> and serine protease <i>TMPRSS2</i> . Journal of Clinical Pathology, 2021, 74, 307-313.	1.0	17
177	Addressing male sexual and reproductive health in the wake of COVID-19 outbreak. Journal of Endocrinological Investigation, 2021, 44, 223-231.	1.8	110
178	The Impact of the COVID-19 Pandemic and the Associated Belgian Governmental Measures on Cancer Screening, Surgical Pathology and Cytopathology. Pathobiology, 2021, 88, 46-55.	1.9	55
179	Fibrotic progression and radiologic correlation in matched lung samples from COVID-19 post-mortems. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 471-485.	1.4	74
180	Thrombotic complications of COVID-19. American Journal of Emergency Medicine, 2021, 39, 213-218.	0.7	106
181	Lung Histopathology in Coronavirus Disease 2019 as Compared With Severe Acute Respiratory Sydrome and H1N1 Influenza. Chest, 2021, 159, 73-84.	0.4	142
182	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
183	Neuropathological findings in two patients with fatal COVIDâ€19. Neuropathology and Applied Neurobiology, 2021, 47, 17-25.	1.8	57

#	Article	IF	CITATIONS
184	Autopsy findings in COVID-19-related deaths: a literature review. Forensic Science, Medicine, and Pathology, 2021, 17, 279-296.	0.6	153
185	Rotational thromboelastometry results are associated with care level in COVID-19. Journal of Thrombosis and Thrombolysis, 2021, 51, 437-445.	1.0	38
186	Inhaled nitric oxide minimally improves oxygenation in COVID-19 related acute respiratory distress syndrome. British Journal of Anaesthesia, 2021, 126, e44-e46.	1.5	48
187	Myocarditis is rare in COVID-19 autopsies: cardiovascular findings across 277 postmortem examinations. Cardiovascular Pathology, 2021, 50, 107300.	0.7	224
188	Hyperoxia and modulation of pulmonary vascular and immune responses in COVID-19. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L12-L16.	1.3	40
189	Venous thromboembolism in the era of COVID-19. Phlebology, 2021, 36, 91-99.	0.6	22
190	Toddler With New Onset Diabetes and Atypical Hemolytic-Uremic Syndrome in the Setting of COVID-19. Pediatrics, 2021, 147, .	1.0	23
191	SARSâ€CoVâ€2â€mediated immune system activation and potential application in immunotherapy. Medicinal Research Reviews, 2021, 41, 1167-1194.	5.0	37
192	What can we learn from brain autopsies in COVID-19?. Neuroscience Letters, 2021, 742, 135528.	1.0	115
193	From angiotensin-converting enzyme 2 disruption to thromboinflammatory microvascular disease: A paradigm drawn from COVID-19. International Journal of Cardiology, 2021, 326, 243-247.	0.8	14
194	Higher prevalence of pulmonary macrothrombi in <scp>SARS oV</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
195	Tissue-Specific Immunopathology in Fatal COVID-19. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 192-201.	2.5	243
196	Severe acute respiratory syndrome coronavirus 2 infection reaches the human nervous system: How?. Journal of Neuroscience Research, 2021, 99, 750-777.	1.3	40
197	Characterizing Viral Infection by Electron Microscopy. American Journal of Pathology, 2021, 191, 222-227.	1.9	27
198	COVID-19 endocrinopathy with hindsight from SARS. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E139-E150.	1.8	55
200	COVID-19–Associated Nonocclusive Fibrin Microthrombi in the Heart. Circulation, 2021, 143, 230-243.	1.6	122
201	Thrombocytopathy and endotheliopathy: crucial contributors to COVID-19 thromboinflammation. Nature Reviews Cardiology, 2021, 18, 194-209.	6.1	304
202	Cutaneous manifestations in patients with coronavirus disease 2019: clinical and histological findings. Human Pathology, 2021, 107, 39-45.	1.1	13

#	Article	IF	CITATIONS
203	Mimics of vasculitis. Rheumatology, 2021, 60, 34-47.	0.9	9
204	COVID-19 and cancer: From basic mechanisms to vaccine development using nanotechnology. International Immunopharmacology, 2021, 90, 107247.	1.7	87
205	Severity of COVID-19 and survival in patients with rheumatic and inflammatory diseases: data from the French RMD COVID-19 cohort of 694 patients. Annals of the Rheumatic Diseases, 2021, 80, 527-538.	0.5	156
206	COVID-19 Autopsies: A Case Series from Poland. Pathobiology, 2021, 88, 78-87.	1.9	16
207	Coronavirus 2019: clinical and neuropathological aspects. Current Opinion in Rheumatology, 2021, 33, 49-57.	2.0	6
208	Pulmonary Pathology of COVID-19 Following 8 Weeks to 4 Months of Severe Disease: A Report of Three Cases, Including One With Bilateral Lung Transplantation. American Journal of Clinical Pathology, 2021, 155, 506-514.	0.4	35
209	Diagnostic accuracy of infrared thermal imaging for detecting COVIDâ€19 infection in minimally symptomatic patients. European Journal of Clinical Investigation, 2021, 51, e13474.	1.7	35
210	COVID-19 autopsies: conclusions from international studies. Diagnostic Histopathology, 2021, 27, 103-107.	0.2	20
211	Plasma exchange for COVIDâ€19 thromboâ€inflammatory disease. EJHaem, 2021, 2, 26-32.	0.4	24
213	Obesity, malnutrition, and trace element deficiency in the coronavirus disease (COVID-19) pandemic: An overview. Nutrition, 2021, 81, 111016.	1.1	89
214	The Liver in COVID-19-Related Death: Protagonist or Innocent Bystander?. Pathobiology, 2021, 88, 88-94.	1.9	28
215	Neuroinvasive potential of SARSâ€CoV2 with neuroradiological and neuropathological findings: is the brain a target or a victim?. Apmis, 2021, 129, 37-54.	0.9	12
216	Low serum neutralizing anti-SARS-CoV-2 S antibody levels in mildly affected COVID-19 convalescent patients revealed by two different detection methods. Cellular and Molecular Immunology, 2021, 18, 936-944.	4.8	98
217	COVID-19 and Major Organ Thromboembolism: Manifestations in Neurovascular and Cardiovascular Systems. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105427.	0.7	19
218	Prospective Longitudinal Evaluation of Pointâ€ofâ€Care Lung Ultrasound in Critically III Patients With Severe COVID â€19 Pneumonia. Journal of Ultrasound in Medicine, 2021, 40, 443-456.	0.8	40
219	Increased number of pulmonary megakaryocytes in COVID-19 patients with diffuse alveolar damage: an autopsy study with clinical correlation and review of the literature. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 487-496.	1.4	56
220	Autopsy Findings in 32 Patients with COVID-19: A Single-Institution Experience. Pathobiology, 2021, 88, 56-68.	1.9	111
221	Platelets and renal failure in the SARS-CoV-2 syndrome. Platelets, 2021, 32, 130-137.	1.1	18

#	ARTICLE	IF	CITATIONS
222	Placental Pathology Findings during and after SARS-CoV-2 Infection: Features of Villitis and Malperfusion. Pathobiology, 2021, 88, 69-77.	1.9	101
223	The US Strategic National Stockpile Ventilators in Coronavirus Disease 2019. Chest, 2021, 159, 634-652.	0.4	28
224	Management of SARSâ€CoVâ€2 pneumonia. Journal of Medical Virology, 2021, 93, 1276-1287.	2.5	22
225	Krebs Von den Lungen-6 as a predictive indicator for the risk of secondary pulmonary fibrosis and its reversibility in COVID-19 patients. International Journal of Biological Sciences, 2021, 17, 1565-1573.	2.6	21
226	Died with or Died of? Development and Testing of a SARS CoV-2 Significance Score to Assess the Role of COVID-19 in the Deaths of Affected Patients. Diagnostics, 2021, 11, 190.	1.3	5
228	Pathomorphological and Molecular Biological Aspects of Blood Vessel Injury in COVID-19. Journal of Anatomy and Histopathology, 2021, 9, 9-18.	0.1	1
229	Budd-Chiari Syndrome: A Case Report of a Rare Presentation of COVID-19. Cureus, 2021, 13, e12554.	0.2	9
230	A Postmortem Portrait of the Coronavirus Disease 2019 (COVID-19) Pandemic: A Large Multi-institutional Autopsy Survey Study. Archives of Pathology and Laboratory Medicine, 2021, 145, 529-535.	1.2	43
231	A Missing Link: Engagements of Dendritic Cells in the Pathogenesis of SARS-CoV-2 Infections. International Journal of Molecular Sciences, 2021, 22, 1118.	1.8	14
232	Bone Marrow and Peripheral Blood Findings in Patients Infected by SARS-CoV-2. American Journal of Clinical Pathology, 2021, 155, 627-637.	0.4	31
233	Hematologic disorders associated with COVID-19: a review. Annals of Hematology, 2021, 100, 309-320.	0.8	62
234	Hypercoagulopathy in COVID-19, Deep Venous Thrombosis After Extra-Corporeal Membrane Oxygenation Therapy: A Case Report. Journal of Medical Cases, 2021, 12, 226-229.	0.4	1
235	Myocarditis in COVID-19 patients: current problems. Internal and Emergency Medicine, 2021, 16, 1123-1129.	1.0	78
236	COVID-19 With Preexisting Hypercoagulability Digestive Disease. Frontiers in Medicine, 2020, 7, 587350.	1.2	5
237	Cardiovascular Health and Disease in the Context of COVID-19. Cardiology Research, 2021, 12, 67-79.	0.5	16
238	Pattern recognition of high-resolution computer tomography (HRCT) chest to guide clinical management in patients with mild to moderate COVID-19. Indian Journal of Radiology and Imaging, 2021, 31, S110-S118.	0.3	1
239	The Central Role of Fibrinolytic Response in COVID-19—A Hematologist's Perspective. International Journal of Molecular Sciences, 2021, 22, 1283.	1.8	38
240	COVID-19 autopsies: Procedure, technical aspects and cause of fatal course. Experiences from a single-center. Pathology Research and Practice, 2021, 217, 153305.	1.0	26

#	ARTICLE	IF	CITATIONS
241	Management of Allogeneic Stem Cell Transplantation for High-Risk AML following SARS-CoV-2 Associated Pancytopenia with Marked Bone Marrow Biopsy Alterations. Case Reports in Hematology, 2021, 2021, 1-7.	0.3	0
242	Targeting cyclooxygenase enzyme for the adjuvant <scp>COVID</scp> â€19 therapy. Drug Development Research, 2021, 82, 469-473.	1.4	24
243	Pulmonary embolism in COVID-19: Ancillary findings on chest CT angiography. Lung India, 2021, 38, 123.	0.3	6
244	Predictors of Functional Dependence After COVID-19. American Journal of Physical Medicine and Rehabilitation, 2021, 100, 34-38.	0.7	12
245	COVID-19-associated thrombotic microangiopathy (TMA). Japanese Journal of Thrombosis and Hemostasis, 2021, 32, 307-314.	0.1	0
246	Lessons learned from COVID-19 outbreaks profile in combination with pathology, diagnosis, treatment and vaccines. E3S Web of Conferences, 2021, 292, 03069.	0.2	0
247	Possible Involvement of Central Nervous System in COVID-19 and Sequence Variability of SARS-CoV-2 Revealed in Autopsy Tissue Samples: A Case Report. BMC Clinical Pathology, 2021, 14, 2632010X2110060.	0.7	4
248	COVID-19: Integrating the Complexity of Systemic and Pulmonary Immunopathology to Identify Biomarkers for Different Outcomes. Frontiers in Immunology, 2020, 11, 599736.	2.2	16
249	Covid-19 Interstitial Pneumonia: Histological and Immunohistochemical Features on Cryobiopsies. Respiration, 2021, 100, 488-498.	1.2	75
250	Surviving Sepsis Campaign Guidelines on the Management of Adults With Coronavirus Disease 2019 (COVID-19) in the ICU: First Update. Critical Care Medicine, 2021, 49, e219-e234.	0.4	289
251	Inpatient glycemic control and outcome of COVID-19 patients: A retrospective cohort. SAGE Open Medicine, 2021, 9, 205031212110391.	0.7	4
252	Marked von Willebrand factor and factor VIII elevations in severe acute respiratory syndrome coronavirus-2-positive, but not severe acute respiratory syndrome coronavirus-2-negative, pneumonia: a case–control study. Blood Coagulation and Fibrinolysis, 2021, 32, 285-289.	0.5	16
253	Bronchopleural Fistula as a Complication in a COVID-19 Patient Managed With Endobronchial Valves. Journal of Investigative Medicine High Impact Case Reports, 2021, 9, 232470962110132.	0.3	11
254	COVID-19-associated coagulopathy: review of current recommendations for diagnosis, treatment and prevention. Đospital-replacing Technologies Ambulatory Surgery, 2021, , 36-51.	0.2	8
255	Consensus statement of the Russian association of gerontologists and geriatricians «Novel coronavirus SARS-COV-2 infection in older adults: specific issues of prevention, diagnostics and management» (key points). Russian Journal of Geriatric Medicine, 2021, , 281-293.	0.3	1
256	The Immunopathological and Histological Landscape of COVID-19-Mediated Lung Injury. International Journal of Molecular Sciences, 2021, 22, 974.	1.8	25
257	SARS-CoV-2 and Glutamine: SARS-CoV-2 Triggered Pathogenesis via Metabolic Reprograming of Glutamine in Host Cells. Frontiers in Molecular Biosciences, 2020, 7, 627842.	1.6	35
258	COVID-19, rheumatic diseases and immune dysregulation—a perspective. Clinical Rheumatology, 2021, 40, 433-442.	1.0	11

#	Article	IF	CITATIONS
259	Pathology of COVID-19-associated acute kidney injury. CKJ: Clinical Kidney Journal, 2021, 14, i30-i39.	1.4	51
260	Percutaneous Tracheostomy in COVID-19 Critically III Patients: Experience from 30 Consecutive Procedures. International Archives of Otorhinolaryngology, 2021, 25, e135-e140.	0.3	6
261	Pulmonary pathology of COVID-19: a review of autopsy studies. Current Opinion in Pulmonary Medicine, 2021, 27, 184-192.	1.2	47
262	A review of the pathological mechanisms and clinical implications of coagulopathy in COVID-19. Journal of Applied Hematology, 2021, 12, 66.	0.1	0
264	COVID-19 and Alzheimer's Disease. Brain Sciences, 2021, 11, 305.	1.1	74
265	Extracorporeal Membrane Oxygenation Therapy for Critically III Coronavirus Disease 2019 Patients in Wuhan, China: A Retrospective Multicenter Cohort Study. Current Medical Science, 2021, 41, 1-13.	0.7	14
266	Caging the dragon: Research approach to COVIDâ€19–related thrombosis. Research and Practice in Thrombosis and Haemostasis, 2021, 5, 278-290.	1.0	14
267	Covidâ€19 and acute kidney injury. American Journal of Hematology, 2021, 96, 747-748.	2.0	3
268	Elucidating the Pivotal Role of Immune Players in the Management of COVID-19: Focus on Mesenchymal Stem Cells and Inflammation. Current Stem Cell Research and Therapy, 2021, 16, 189-198.	0.6	1
270	Angiotensin-converting enzyme 2 (ACE2) expression increases with age in patients requiring mechanical ventilation. PLoS ONE, 2021, 16, e0247060.	1.1	73
273	Case Report: Post-mortem Histopathological and Molecular Analyses of the Very First Documented COVID-19-Related Death in Europe. Frontiers in Medicine, 2021, 8, 612758.	1.2	12
274	The role of goblet cells in viral pathogenesis. FEBS Journal, 2021, 288, 7060-7072.	2.2	23
275	Static compliance of the respiratory system in COVID-19 related ARDS: an international multicenter study. Critical Care, 2021, 25, 52.	2.5	33
277	The Role of the Pathologist in the Next-Generation Era of Tumor Molecular Characterization. Diagnostics, 2021, 11, 339.	1.3	46
278	Retinal capillary involvement in early post-COVID-19 patients: a healthy controlled study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 2157-2165.	1.0	41
281	COVID-19 lungs in post-mortem computed tomography. Rechtsmedizin, 2021, 31, 145-147.	2.6	13
282	The effect of moderate and severe COVID-19 pneumonia on short-term right ventricular functions: a prospective observational single pandemic center analysis. International Journal of Cardiovascular Imaging, 2021, 37, 1883-1890.	0.7	14
284	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

#	Article	IF	CITATIONS
286	SARS-CoV-2 pneumonia—receptor binding and lung immunopathology: a narrative review. Critical Care, 2021, 25, 53.	2.5	14
288	Assessment of Platelet Thrombus Formation under Flow Conditions in Adult Patients with COVID-19: An Observational Study. Thrombosis and Haemostasis, 2021, 121, 1087-1096.	1.8	9
289	Dual-energy CT angiography reveals high prevalence of perfusion defects unrelated to pulmonary embolism in COVID-19 lesions. Insights Into Imaging, 2021, 12, 24.	1.6	11
290	Neurobiology of COVID-19: how can the virus affect the brain?. Revista Brasileira De Psiquiatria, 2021, 43, 650-664.	0.9	31
291	Derailed Cardiac Surgical Practice during COVID-19 Pandemic: Concerns and Proposed Solution Strategy. Journal of Cardiac Critical Care TSS, 2021, 5, 142-146.	0.0	0
292	Bacterial Superinfections Among Persons With Coronavirus Disease 2019: A Comprehensive Review of Data From Postmortem Studies. Open Forum Infectious Diseases, 2021, 8, ofab065.	0.4	54
293	SARS-CoV-2 infection is effectively treated and prevented by EIDD-2801. Nature, 2021, 591, 451-457.	13.7	320
294	Cardiovascular biomarkers in patients with COVID-19. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 310-319.	0.4	44
295	SARS-CoV-2 infection induces protective immunity and limits transmission in Syrian hamsters. Life Science Alliance, 2021, 4, e202000886.	1.3	47
296	Neurological involvement in the respiratory manifestations of COVID-19 patients. Aging, 2021, 13, 4713-4730.	1.4	10
297	SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. Nature Metabolism, 2021, 3, 149-165.	5.1	378
298	Association of D-dimer elevation with inflammation and organ dysfunction in ICU patients with COVID-19 in Wuhan, China: a retrospective observational study. Aging, 2021, 13, 4794-4810.	1.4	9
299	Murine- \hat{l}^2 -coronavirus-induced neuropathogenesis sheds light on CNS pathobiology of SARS-CoV2. Journal of NeuroVirology, 2021, 27, 197-216.	1.0	11
300	Arterial Thrombosis and Coronavirus Disease 2019. Mayo Clinic Proceedings, 2021, 96, 274-276.	1.4	11
301	Ausencia de efectos clÃnicos destacables del SARS-CoV-2 sobre la afinidad de la hemoglobina por el O2 en pacientes con COVID-19. Archivos De Bronconeumologia, 2021, 57, 757-757.	0.4	8
302	A novel comprehensive metric to assess effectiveness of COVID-19 testing: Inter-country comparison and association with geography, government, and policy response. PLoS ONE, 2021, 16, e0248176.	1.1	14
303	The interplay between neutrophils, complement, and microthrombi in COVID-19. Best Practice and Research in Clinical Rheumatology, 2021, 35, 101661.	1.4	35
304	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

#	Article	IF	CITATIONS
305	The year in basic vascular biology research: from mechanoreceptors and neutrophil extracellular traps to smartphone data and omics. Cardiovascular Research, 2021, 117, 1814-1822.	1.8	4
306	Nanotechnology to the Rescue: Treatment Perspective for the Immune Dysregulation Observed in COVID-19. Frontiers in Nanotechnology, 2021, 3, .	2.4	4
307	Thrombotic thrombocytopenic purpura (TTP) response following COVIDâ€19 infection: Implications for the ADAMTSâ€13–von Willebrand factor axis. Journal of Thrombosis and Haemostasis, 2021, 19, 1130-1139.	1.9	10
308	Pathogenesis of coronavirus disease 2019-associated kidney injury. Current Opinion in Nephrology and Hypertension, 2021, 30, 324-331.	1.0	11
309	Severe Neurologic Complications of SARS-CoV-2. Current Treatment Options in Neurology, 2021, 23, 14.	0.7	9
310	Autopsy Tool in Unknown Diseases: The Experience with Coronaviruses (SARS-CoV, MERS-CoV,) Tj ETQq1 1 0.784	4314 rgBT 0.8	/Qyerlock 1
311	SARS-CoV-2 cell tropism and multiorgan infection. Cell Discovery, 2021, 7, 17.	3.1	148
312	Pulmonary vascular proliferation in patients with severe COVID-19: an autopsy study. Thorax, 2021, 76, 1044-1046.	2.7	12
313	How the Heart Was Involved in COVID-19 during the First Pandemic Phase: A Review. Epidemiologia, 2021, 2, 124-139.	1.1	2
314	Gross, Histopathological, and Ultrastructural Features in Patients with COVID-19: A Literature Review. EMJ Microbiology & Infectious Diseases, 0, , .	0.0	0
315	REVIEW OF CARDIOPULMONARY AUTOPSY FINDINGS IN DECEASED COVID-19 POSITIVE PATIENTS IN A TERTIARY CARE CENTER IN CENTRAL INDIA. , 2021, , 18-23.		0
316	What can cerebrospinal fluid testing and brain autopsies tell us about viral neuroinvasion of SARS oVâ€2. Journal of Medical Virology, 2021, 93, 4247-4257.	2.5	22
318	Evidences for lipid involvement in SARS-CoV-2 cytopathogenesis. Cell Death and Disease, 2021, 12, 263.	2.7	89
319	Machine learningâ€based analysis of alveolar and vascular injury in <scp>SARSâ€CoV</scp> â€2 acute respiratory failure. Journal of Pathology, 2021, 254, 173-184.	2.1	28
320	Inflammatory profiles across the spectrum of disease reveal a distinct role for GM-CSF in severe COVID-19. Science Immunology, 2021, 6, .	5.6	161
321	Autopsies in pandemics $\hat{a} \in \hat{a}$ a perspective on barriers and benefits. Is it time for a revival?. Apmis, 2021, 129, 324-339.	0.9	5
322	Radiological and functional lung sequelae of COVID-19: a systematic review and meta-analysis. BMC Pulmonary Medicine, 2021, 21, 97.	0.8	64
323	Cytopathology of bronchoalveolar lavages in COVIDâ€19 pneumonia: A pilot study. Cancer Cytopathology, 2021, 129, 632-641.	1.4	10

#	Article	IF	Citations
324	Alteration of Diffusion Capacity After SARS-CoV-2 Infection: A Pathophysiological Approach. Frontiers in Physiology, 2021, 12, 624062.	1.3	6
326	COVID-19 effects on the kidney. Der Pathologe, 2021, 42, 76-80.	0.7	15
329	Emergency Lung Transplantation after COVID-19: Immunopathological Insights on Two Affected Patients. Cells, 2021, 10, 611.	1.8	11
331	COVID-19 autopsies of Istanbul. Irish Journal of Medical Science, 2022, 191, 529-541.	0.8	8
332	Association between thrombocytopenia and 180-day prognosis of COVID-19 patients in intensive care units: A two-center observational study. PLoS ONE, 2021, 16, e0248671.	1.1	36
333	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
334	<scp>COVID</scp> â€19: immunopathology, pathophysiological mechanisms, and treatment options. Journal of Pathology, 2021, 254, 307-331.	2.1	86
335	Spectrum of atypical pulmonary manifestations of COVID-19 on computed tomography. Egyptian Journal of Radiology and Nuclear Medicine, 2021, 52, .	0.3	24
336	Prognostic value of thrombin generation parameters in hospitalized COVID-19 patients. Scientific Reports, 2021, 11, 7792.	1.6	28
337	Difficulties in Differentiating Coronaviruses from Subcellular Structures in Human Tissues by Electron Microscopy. Emerging Infectious Diseases, 2021, 27, 1023-1031.	2.0	44
338	Vitamin D and immuno-pathology of COVID-19: many interactions but uncertain therapeutic benefits. Expert Review of Anti-Infective Therapy, 2021, 19, 1245-1258.	2.0	8
339	Mechanisms of SARSâ€CoVâ€⊋â€induced lung vascular disease: potential role of complement. Pulmonary Circulation, 2021, 11, 1-14.	0.8	34
340	Investigation of Extracellular Vesicles From SARS-CoV-2 Infected Specimens: A Safety Perspective. Frontiers in Immunology, 2021, 12, 617042.	2.2	10
341	SARS-CoV-2 requires cholesterol for viral entry and pathological syncytia formation. ELife, 2021, 10, .	2.8	160
342	Different Anticoagulant Regimens, Mortality, and Bleeding in Hospitalized Patients with COVID-19: A Systematic Review and an Updated Meta-Analysis. Seminars in Thrombosis and Hemostasis, 2021, 47, 372-391.	1.5	52
343	Thromboembolic Complications in Covid-19: From Clinical Scenario to Laboratory Evidence. Life, 2021, 11, 395.	1.1	2
344	A Systematic Analysis on COVID-19 Patients in Inner Mongolia Based on Dynamic Monitoring. BioMed Research International, 2021, 2021, 1-8.	0.9	2
345	Can't Dissolve Me Now: A COVID-19 Provoked Venous Thromboembolism Breaks Through Apixaban: Case Report. Clinical Practice and Cases in Emergency Medicine, 2021, 2, 202-205.	0.1	1

#	Article	IF	CITATIONS
346	Excessive Matrix Metalloproteinase-1 and Hyperactivation of Endothelial Cells Occurred in COVID-19 Patients and Were Associated With the Severity of COVID-19. Journal of Infectious Diseases, 2021, 224, 60-69.	1.9	58
347	Assessment of pulmonary arterial circulation 3 months after hospitalization for SARS-CoV-2 pneumonia: Dual-energy CT (DECT) angiographic study in 55 patients. EClinicalMedicine, 2021, 34, 100778.	3.2	41
348	A Dedicated Veno-Venous Extracorporeal Membrane Oxygenation Unit during a Respiratory Pandemic: Lessons Learned from COVID-19 Part II: Clinical Management. Membranes, 2021, 11, 306.	1.4	5
349	Characterisation of cardiac pathology in 23 autopsies of lethal <scp>COVID</scp> â€19. Journal of Pathology: Clinical Research, 2021, 7, 326-337.	1.3	27
350	Intermittent Hypoxic Preconditioning: A Potential New Powerful Strategy for COVID-19 Rehabilitation. Frontiers in Pharmacology, 2021, 12, 643619.	1.6	7
351	Structural and physiological changes of the human body upon SARS-CoV-2 infection. Journal of Zhejiang University: Science B, 2021, 22, 310-317.	1.3	9
352	Best practices for correctly identifying coronavirus by transmission electron microscopy. Kidney International, 2021, 99, 824-827.	2.6	26
353	The pathogenic role of epithelial and endothelial cells in early-phase COVID-19 pneumonia: victims and partners in crime. Modern Pathology, 2021, 34, 1444-1455.	2.9	41
354	COVID'de oksijen tedavisi: kime, ne zaman, nasıl?. Süleyman Demirel Üniversitesi Tıp Fakültesi Der	gisi, 0, ,	0
355	Pathological Findings in COVID-19 as a Tool to Define SARS-CoV-2 Pathogenesis. A Systematic Review. Frontiers in Pharmacology, 2021, 12, 614586.	1.6	27
356	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. Nature, 2021, 595, 107-113.	13.7	537
358	Minimally Invasive Autopsy Practice in COVID-19 Cases: Biosafety and Findings. Pathogens, 2021, 10, 412.	1.2	23
359	Thromboinflammatory Biomarkers in COVID-19: Systematic Review and Meta-analysis of 17,052 Patients. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 388-402.	1.2	51
360	Organizing Pneumonia and Microvascular Fibrosis as Late Sequelae after a COVID-19 Infection. A Case Report. Surgeries, 2021, 2, 190-198.	0.3	1
361	Human-Based Advanced in vitro Approaches to Investigate Lung Fibrosis and Pulmonary Effects of COVID-19. Frontiers in Medicine, 2021, 8, 644678.	1.2	31
362	SARSâ€CoVâ€2 RNA screening in routine pathology specimens. Microbial Biotechnology, 2021, 14, 1627-1641.	2.0	9
363	The Notch Pathway: A Link Between COVID-19 Pathophysiology and Its Cardiovascular Complications. Frontiers in Cardiovascular Medicine, 2021, 8, 681948.	1.1	27
364	Histopathological findings and clinicopathologic correlation in COVID-19: a systematic review. Modern Pathology, 2021, 34, 1614-1633.	2.9	84

#	Article	IF	CITATIONS
365	Serial markers of coagulation and inflammation and the occurrence of clinical pulmonary thromboembolism in mechanically ventilated patients with SARS-CoV-2 infection; the prospective Maastricht intensive care COVID cohort. Thrombosis Journal, 2021, 19, 35.	0.9	16
366	Differential association between inflammatory cytokines and multiorgan dysfunction in COVID-19 patients with obesity. PLoS ONE, 2021, 16, e0252026.	1.1	12
367	Lung histopathological findings in COVID-19 disease – a systematic review. Infectious Agents and Cancer, 2021, 16, 34.	1.2	30
368	Pathophysiological Association of Endothelial Dysfunction with Fatal Outcome in COVID-19. International Journal of Molecular Sciences, 2021, 22, 5131.	1.8	29
369	Imaging approach to COVIDâ€19 associated pulmonary embolism. International Journal of Clinical Practice, 2021, 75, e14340.	0.8	6
370	Relating Ventilatory Support and Drug Treatment Strategies to the Fundamental Pathophysiology in COVID-19 Illness. European Medical Journal (Chelmsford, England), 0, , .	3.0	0
371	Is Microthrombosis the Main Pathology in Coronavirus Disease 2019 Severity?—A Systematic Review of the Postmortem Pathologic Findings. , 2021, 3, e0427.		29
372	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
373	Association between antecedent statin use and severe disease outcomes in COVID-19: A retrospective study with propensity score matching. Journal of Clinical Lipidology, 2021, 15, 451-459.	0.6	22
374	Heart failure outcomes and Covid-19. Diabetes Research and Clinical Practice, 2021, 175, 108794.	1.1	18
375	Frequency and Significance of Pathologic Pulmonary Findings in Postmortem Examinationsâ€"A Single Center Experience before COVID-19. Diagnostics, 2021, 11, 894.	1.3	2
376	Postmortem pathological changes in extrapulmonary organs in SARS-CoV-2 rt-PCR–positive cases: a single-center experience. Irish Journal of Medical Science, 2022, 191, 81-91.	0.8	18
377	A series of <scp>COVID</scp> â€19 autopsies with clinical and pathologic comparisons to both seasonal and pandemic influenza. Journal of Pathology: Clinical Research, 2021, 7, 459-470.	1.3	9
378	Tranilast: a potential anti-Inflammatory and NLRP3 inflammasome inhibitor drug for COVID-19. Immunopharmacology and Immunotoxicology, 2021, 43, 247-258.	1.1	25
379	Histomorphological patterns of regional lymph nodes in COVID-19 lungs. Der Pathologe, 2021, 42, 89-97.	0.7	19
380	Impact of presymptomatic COVID-19 on vascular and skeletal muscle function: a case study. Journal of Applied Physiology, 2021, 130, 1961-1970.	1.2	17
382	A cohort autopsy study defines COVID-19 systemic pathogenesis. Cell Research, 2021, 31, 836-846.	5.7	93
383	Chest CT performance and features of COVID-19 in the region of Abu Dhabi, UAE: a single institute study. Chinese Journal of Academic Radiology, 2021, 4, 248-256.	0.4	1

#	Article	IF	CITATIONS
384	Pediatric coronavirus (COVIDâ€19) death in a child with cyclic neutropenia. Pediatric Blood and Cancer, 2021, 68, e29171.	0.8	2
387	Advancing lung organoids for COVID-19 research. DMM Disease Models and Mechanisms, 2021, 14, .	1.2	39
388	COVID-19 treatment combinations and associations with mortality in a large multi-site healthcare system. PLoS ONE, 2021, 16, e0252591.	1.1	16
389	COVID-19 and Indirect Liver Injury: A Narrative Synthesis of the Evidence. Journal of Clinical and Translational Hepatology, 2021, 000, 000-000.	0.7	12
390	The COVID-19 Pandemic and the Need for an Integrated and Equitable Approach: An International Expert Consensus Paper. Thrombosis and Haemostasis, 2021, 121, 992-1007.	1.8	21
391	Viscoelastic testing reveals normalization of the coagulation profile 12Âweeks after severe COVID-19. Scientific Reports, 2021, 11, 13325.	1.6	5
392	Autopsy and pre-mortem diagnostic discrepancy review in an Irish tertiary PICU. European Journal of Pediatrics, 2021, 180, 3519-3524.	1.3	1
393	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
394	Thrombus in Transit on Point-of-Care Ultrasound in COVID-19 Pneumonia: A Cause of Refractory Hypoxia Requiring Systemic Thrombolysis. Cureus, 2021, 13, e15599.	0.2	0
395	The role of bronchoscopy in patients with SARS-CoV-2 pneumonia. ERJ Open Research, 2021, 7, 00165-2021.	1.1	21
396	Role of combining anticoagulant and antiplatelet agents in COVID-19 treatment: a rapid review. Open Heart, 2021, 8, e001628.	0.9	20
397	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
398	Relating Ventilatory Support and Drug Treatment Strategies to the Fundamental Pathophysiology in COVID-19 Illness. European Medical Journal (Chelmsford, England), 0, , .	3.0	0
399	Severe COVID-19 pneumonia: Perfusion analysis in correlation with pulmonary embolism and vessel enlargement using dual-energy CT data. PLoS ONE, 2021, 16, e0252478.	1.1	12
401	Emergency Department Management of Severe Hypoxemic Respiratory Failure in Adults With COVID-19. Journal of Emergency Medicine, 2021, 60, 729-742.	0.3	6
402	Evaluation of Pathological Findings of COVID-19 by Minimally Invasive Autopsies: A Single Tertiary Care Center Experience from India. Journal of Laboratory Physicians, 2021, 13, 097-106.	0.4	6
403	COVID-19 and thrombotic microangiopathies. Thrombosis Research, 2021, 202, 191-198.	0.8	57
404	Implications of microscale lung damage for COVID-19 pulmonary ventilation dynamics: A narrative review. Life Sciences, 2021, 274, 119341.	2.0	17

#	Article	IF	CITATIONS
405	Clinical Differences between COVID-19 and a COVID-Like Syndrome. Journal of Clinical Medicine, 2021, 10, 2519.	1.0	6
406	Renal Considerations in COVID-19: Biology, Pathology, and Pathophysiology. ASAIO Journal, 2021, 67, 1087-1096.	0.9	5
407	Immunothrombotic dysregulation in chagas disease and COVID-19: a comparative study of anticoagulation. Molecular and Cellular Biochemistry, 2021, 476, 3815-3825.	1.4	7
408	Persistent symptoms and lab abnormalities in patients who recovered from COVID-19. Scientific Reports, 2021, 11, 12775.	1.6	36
411	Heterogeneity in Regional Damage Detected by Neuroimaging and Neuropathological Studies in Older Adults With COVID-19: A Cognitive-Neuroscience Systematic Review to Inform the Long-Term Impact of the Virus on Neurocognitive Trajectories. Frontiers in Aging Neuroscience, 2021, 13, 646908.	1.7	50
412	Pre-existing asthma as a comorbidity does not modify cytokine responses and severity of COVID-19. Allergy, Asthma and Clinical Immunology, 2021, 17, 67.	0.9	3
413	A mild deficiency of ADAMTS13 is associated with severity in COVID-19: comparison of the coagulation profile in critically and noncritically ill patients. Blood Coagulation and Fibrinolysis, 2021, 32, 458-467.	0.5	9
414	High risk of patient self-inflicted lung injury in COVID-19 with frequently encountered spontaneous breathing patterns: a computational modelling study. Annals of Intensive Care, 2021, 11, 109.	2.2	55
415	Is there a place for mesenchymal stromal cell-based therapies in the therapeutic armamentarium against COVID-19?. Stem Cell Research and Therapy, 2021, 12, 425.	2.4	15
416	Computational pathology reveals unique spatial patterns of immune response in H&E images from COVID-19 autopsies: preliminary findings. Journal of Medical Imaging, 2021, 8, 017501.	0.8	4
417	Development of cavitary lung disease as a long-term complication of coronavirus disease 2019 in a young previously healthy patient: a case report. Journal of Medical Case Reports, 2021, 15, 377.	0.4	2
418	The Pathophysiology and Dangers of Silent Hypoxemia in COVID-19 Lung Injury. Annals of the American Thoracic Society, 2021, 18, 1098-1105.	1.5	38
419	Community- versus hospital-acquired acute kidney injury in hospitalised COVID-19 patients. BMC Nephrology, 2021, 22, 269.	0.8	19
420	COVIDâ€19 and immunothrombosis: emerging understanding and clinical management. British Journal of Haematology, 2021, 194, 518-529.	1.2	42
421	Mechanisms of immunothrombosis in COVID-19. Current Opinion in Hematology, 2021, 28, 445-453.	1.2	30
422	Abdominal and gastrointestinal manifestations in COVID-19 patients: Is imaging useful?. World Journal of Gastroenterology, 2021, 27, 4143-4159.	1.4	25
424	Case Report: Co-occurrence of Myocarditis and Thrombotic Microangiopathy Limited to the Heart in a COVID-19 Patient. Frontiers in Cardiovascular Medicine, 2021, 8, 695010.	1,1	6
425	Postmortem Cardiopulmonary Pathology in Patients with COVID-19 Infection: Single-Center Report of 12 Autopsies from Lausanne, Switzerland. Diagnostics, 2021, 11, 1357.	1.3	9

#	Article	IF	CITATIONS
426	The Role of Alveolar Edema in COVID-19. Cells, 2021, 10, 1897.	1.8	18
427	Towards Understanding COVID-19: Molecular Insights, Co-infections, Associated Disorders, and Aging. Journal of Alzheimer's Disease Reports, 2021, 5, 571-600.	1.2	8
428	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
430	Pneumothorax in otherwise healthy non-intubated patients suffering from COVID-19 pneumonia: a systematic review. Journal of Thoracic Disease, 2021, 13, 4519-4529.	0.6	9
431	Early CT features of COVID-19 pneumonia, association with patients' age and duration of presenting complaint. Egyptian Journal of Radiology and Nuclear Medicine, 2021, 52, .	0.3	0
432	Selfâ€Powered Respiration Monitoring Enabled By a Triboelectric Nanogenerator. Advanced Materials, 2021, 33, e2101262.	11.1	217
433	Pathomorphological changes in pulmonary vessels at different terms of lethal outcomes of patients with COVID-19. Medical Herald of the South of Russia, 2021, 12, 54-61.	0.2	1
434	Uma revis \tilde{A} £o sistem \tilde{A}_i tica da epidemiologia e achados histopatol \tilde{A}^3 gicos de trombos pulmonares na covid-19. Research, Society and Development, 2021, 10, e0410816983.	0.0	0
435	Pulmonary Parenchymal Changes in COVID-19 Survivors. Annals of Thoracic Surgery, 2022, 114, 301-310.	0.7	16
436	Clinico-pathological features in fatal COVID-19 infection: a preliminary experience of a tertiary care center in North India using postmortem minimally invasive tissue sampling. Expert Review of Respiratory Medicine, 2021, 15, 1367-1375.	1.0	6
437	Questions about COVID-19 associated coagulopathy: possible answers from the viscoelastic tests. Journal of Clinical Monitoring and Computing, 2021, , 1.	0.7	8
438	Pathological diagnosis of Coronavirus-related nephropathy: insight from postmortem studies. Critical Reviews in Clinical Laboratory Sciences, 2021, 58, 563-575.	2.7	1
439	Thrombotic complications of covid-19: a brief review of current opinions. Intervencni A Akutni Kardiologie, 2021, 20, 98-101.	0.0	0
440	Evaluation of Liver Histopathological Findings of Coronavirus Disease 2019 by Minimally Invasive Autopsies. Journal of Clinical and Experimental Hepatology, 2022, 12, 390-397.	0.4	5
441	Do inflammasome impact COVID-19 severity?. VirusDisease, 2021, 32, 410-420.	1.0	4
442	Neutrophil Extracellular Traps in Fatal COVID-19-Associated Lung Injury. Disease Markers, 2021, 2021, 1-10.	0.6	32
443	Diagnostic Challenges of Pneumocystis Pneumonia during the COVID-19 Pandemic: A Case of a Young Patient with Ground Glass Opacities and Pulmonary Embolism on Chest CT. Case Reports in Infectious Diseases, 2021, 2021, 1-6.	0.2	1
444	Laboratory Diagnosis of SARS-CoV-2 Pneumonia. Diagnostics, 2021, 11, 1270.	1.3	20

#	Article	IF	Citations
445	Extension of Collagen Deposition in COVID-19 Post Mortem Lung Samples and Computed Tomography Analysis Findings. International Journal of Molecular Sciences, 2021, 22, 7498.	1.8	15
446	Assessing viability of a minimally invasive autopsy technique in ascertaining the probable cause of death in patients who were SARS CoV19 positive at the time of their demise. Surgical and Experimental Pathology, 2021, 4, .	0.2	O
447	Preventing Thrombohemorrhagic Complications of Heparinized COVID-19 Patients Using Adjunctive Thromboelastography: A Retrospective Study. Journal of Clinical Medicine, 2021, 10, 3097.	1.0	16
448	Characterization of SARS-CoV-2 and host entry factors distribution in a COVID-19 autopsy series. Communications Medicine, 2021, 1, .	1.9	16
449	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
450	COVID-19 and Acute Coronary Syndromes: From Pathophysiology to Clinical Perspectives. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13.	1.9	25
452	Clinical Risk Factors for Mortality Among Critically III Mexican Patients With COVID-19. Frontiers in Medicine, 2021, 8, 699607.	1.2	3
453	COVIDâ€19 and coagulopathy. Clinical Respiratory Journal, 2021, 15, 1259-1274.	0.6	25
454	Invasive mould disease in fatal COVID-19: a systematic review of autopsies. Lancet Microbe, The, 2021, 2, e405-e414.	3.4	62
455	Cardiovascular Disease Complicating COVID-19 in the Elderly. Medicina (Lithuania), 2021, 57, 833.	0.8	9
456	Evolution of Cavitary Lesion in a Case of COVID-19 Pneumonia: A Rare Entity. Journal of Health and Allied Sciences NU, 0, , .	0.1	1
457	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
458	Emerging spectrum of COVID-19-related cardiopulmonary pathology in adults. Diagnostic Histopathology, 2021, 27, 317-324.	0.2	2
459	Diffuse interstitial pneumonia-like/macrophage activation syndrome-like changes in patients with COVID-19 correlate with length of illness. Annals of Diagnostic Pathology, 2021, 53, 151744.	0.6	2
460	Thromboembolic Complications in Severe COVID-19: Current Antithrombotic Strategies and Future Perspectives. Cardiovascular & Hematological Disorders Drug Targets, 2021, 21, 23-29.	0.2	7
461	Metabolic Changes in SARS-CoV-2 Infection: Clinical Data and Molecular Hypothesis to Explain Alterations of Lipid Profile and Thyroid Function Observed in COVID-19 Patients. Life, 2021, 11, 860.	1.1	9
462	Mortality and risk factors associated with pulmonary embolism in coronavirus disease 2019 patients: a systematic review and meta-analysis. Scientific Reports, 2021, 11, 16025.	1.6	46
463	Cytokine storm and histopathological findings in 60 cases of COVID-19-related death: from viral load research to immunohistochemical quantification of major players IL- \hat{l}^2 , IL-6, IL-15 and TNF- \hat{l}_{\pm} . Forensic Science, Medicine, and Pathology, 2022, 18, 4-19.	0.6	37

#	Article	IF	CITATIONS
464	Mesenchymal stem cells and their derived exosomes to combat Covid–19. Reviews in Medical Virology, 2022, 32, e2281.	3.9	35
467	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
468	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
469	Severe pediatric COVID-19 with acute respiratory distress syndrome: a narrative review. Pediatric Medicine, 0, 4, 27-27.	1.1	1
470	COVID-19 and Heart Failure: From Epidemiology During the Pandemic to Myocardial Injury, Myocarditis, and Heart Failure Sequelae. Frontiers in Cardiovascular Medicine, 2021, 8, 713560.	1.1	76
471	A COVID-19-association-dependent categorization of death causes in 100 autopsy cases. GeroScience, 2021, 43, 2265-2287.	2.1	19
472	The Platelet Role in Severe and Fatal Forms of COVID-19 Current Molecular Medicine, 2021, 21, .	0.6	2
473	Nuts and bolts of COVID-19 associated coagulopathy: the essentials for management and treatment. Postgraduate Medicine, 2021, 133, 1-13.	0.9	4
474	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Genome Sequencing from Post-Mortem Formalin-Fixed, Paraffin-Embedded Lung Tissues. Journal of Molecular Diagnostics, 2021, 23, 1065-1077.	1.2	2
476	Untargeted Metabolic Profiling of Extracellular Vesicles of SARS-CoV-2-Infected Patients Shows Presence of Potent Anti-Inflammatory Metabolites. International Journal of Molecular Sciences, 2021, 22, 10467.	1.8	16
477	Leveraging publicly available coronavirus data to identify new therapeutic targets for COVID-19. PLoS ONE, 2021, 16, e0257965.	1.1	2
478	Cardiovascular disease and COVID-19: a consensus paper from the ESC Working Group on Coronary Pathophysiology & Dicrocirculation, ESC Working Group on Thrombosis and the Association for Acute CardioVascular Care (ACVC), in collaboration with the European Heart Rhythm Association (EHRA), Cardiovascular Research, 2021, 117, 2705-2729.	1.8	95
479	Impairment of hypoxic pulmonary vasoconstriction in acute respiratory distress syndrome. European Respiratory Review, 2021, 30, 210059.	3.0	16
480	Cardiac pathology in COVID-19: a single center autopsy experience. Cardiovascular Pathology, 2021, 54, 107370.	0.7	17
481	High Prevalence of Pre-Existing Liver Abnormalities Identified Via Autopsies in COVID-19: Identification of a New Silent Risk Factor?. Diagnostics, 2021, 11, 1703.	1.3	3
483	Bronchoscopy During Coronavirus Disease 2019 Pandemic: A Bronchoscopist's Perspective. , 2021, 3, e0522.		4
484	A systematic review of autopsy findings in COVID 19: The road ahead. IP Archives of Cytology and Histopathology Research, 2021, 6, 145-152.	0.0	0
485	Liver-spleen axis dysfunction in COVID-19. World Journal of Gastroenterology, 2021, 27, 5919-5931.	1.4	8

#	Article	IF	CITATIONS
487	Acute lung injuryâ€"from cannabis to COVID. Modern Pathology, 2022, 35, 1-7.	2.9	12
488	Post-viral effects of COVID-19 in the olfactory system and their implications. Lancet Neurology, The, 2021, 20, 753-761.	4.9	119
489	Determinants of SARS-CoV-2 entry and replication in airway mucosal tissue and susceptibility in smokers. Cell Reports Medicine, 2021, 2, 100421.	3.3	11
490	Mechanical ventilation in COVIDâ€19: A physiological perspective. Experimental Physiology, 2022, 107, 683-693.	0.9	23
491	Rheumatological complications of Covid 19. Autoimmunity Reviews, 2021, 20, 102883.	2.5	73
492	Simultaneous Giant cavity pulmonary lesion and pneumothorax following COVID-19 pneumonia. Radiology Case Reports, 2021, 16, 2534-2536.	0.2	6
493	COVID-19 generates hyaluronan fragments that directly induce endothelial barrier dysfunction. JCI Insight, 2021, 6 , .	2.3	57
494	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
495	SARS-CoV-2 and the Eye: The Pandora's Box of Ocular Immunology. Journal of Ocular Pharmacology and Therapeutics, 2021, 37, 502-509.	0.6	8
496	Familial hypercholesterolemia and COVID-19: A menacing but treatable vasculopathic condition. Atherosclerosis Plus, 2021, 43, 3-6.	0.3	9
497	Retorno al ejercicio después de COVID-19. Posicionamiento de la Sociedad Mexicana de CardiologÃa. Archivos De Cardiologia De Mexico, 2021, 1, .	0.1	1
498	Pathophysiology of Acute Respiratory Distress Syndrome and COVID-19 Lung Injury. Critical Care Clinics, 2021, 37, 749-776.	1.0	89
499	Acute Kidney Injury in Severe COVID-19 Has Similarities to Sepsis-Associated Kidney Injury. Mayo Clinic Proceedings, 2021, 96, 2561-2575.	1.4	41
500	The Mechanism and Consequences of SARS-CoV-2 Spike-Mediated Fusion and Syncytia Formation. Journal of Molecular Biology, 2022, 434, 167280.	2.0	92
501	Outpatient and inpatient anticoagulation therapy and the risk for hospital admission and death among COVID-19 patients. EClinicalMedicine, 2021, 41, 101139.	3.2	19
502	Rubidium-82 PET/CT in COVID-19. Radiology Case Reports, 2021, 16, 3478-3480.	0.2	2
503	Mucus targeting as a plausible approach to improve lung function in COVID-19 patients. Medical Hypotheses, 2021, 156, 110680.	0.8	13
504	A review and update for registered clinical studies of stem cells for non-tumorous and non-hematological diseases. Regenerative Therapy, 2021, 18, 355-362.	1.4	7

#	Article	IF	Citations
505	A meta-analysis of the effects of endothelial nitric oxide synthase 4ba polymorphism on renal interstitial fibrosis in diabetic nephropathy. Annals of Palliative Medicine, 2021, 10, 633-645.	0.5	2
506	Where There's Smoke, There's Fire: A Case Report of Turbulent Blood Flow in Lower Extremity Point-of-care Ultrasound in COVID-19. Clinical Practice and Cases in Emergency Medicine, 2021, 5, 30-34.	0.1	3
507	Room to Breathe: The Impact of Oxygen Rationing on Health Outcomes in SARS-CoV2. Frontiers in Medicine, 2020, 7, 573037.	1.2	2
508	The pulmonary pathology of COVID-19. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 137-150.	1.4	123
510	SARS-CoV-2 infection in farmed minks, associated zoonotic concerns, and importance of the One Health approach during the ongoing COVID-19 pandemic. Veterinary Quarterly, 2021, 41, 50-60.	3.0	80
511	COVID-19 and Thromboinflammation: Is There a Role for Statins?. Clinics, 2021, 76, e2518.	0.6	9
512	An organoidâ€derived bronchioalveolar model for SARSâ€CoVâ€2 infection of human alveolar type Ilâ€like cells. EMBO Journal, 2021, 40, e105912.	3.5	153
513	Postmortem Findings Associated With SARS-CoV-2. American Journal of Surgical Pathology, 2021, 45, 587-603.	2.1	87
515	Beneficial Effects of Intermediate Dosage of Anticoagulation Treatment on the Prognosis of Hospitalized COVID-19 Patients: The ETHRA Study. In Vivo, 2021, 35, 653-661.	0.6	22
517	COVID-19: coagulation disorders and anticoagulant treatment in patients hospitalised in ICU. Anaesthesiology Intensive Therapy, 2021, 53, 153-161.	0.4	11
519	A prolonged steroid therapy may be beneficial in some patients after the COVID-19 pneumonia. European Clinical Respiratory Journal, 2021, 8, 1945186.	0.7	17
520	Anatomical and Pathological Observation and Analysis of SARS and COVID-19: Microthrombosis Is the Main Cause of Death. Biological Procedures Online, 2021, 23, 4.	1.4	65
521	An update of coronavirus disease 2019 (COVID-19): an essential brief. Modern Medical Laboratory Journal, 2021, 4, 19-38.	0.2	0
522	COVID-19 and the Heart: A Systematic Review of Cardiac Autopsies. Frontiers in Cardiovascular Medicine, 2020, 7, 626975.	1.1	58
523	TLR9 and COVID-19: A Multidisciplinary Theory of a Multifaceted Therapeutic Target. Frontiers in Pharmacology, 2020, 11, 601685.	1.6	48
524	COVID-19 in the autopsy room–requirements, safety, recommendations and pathological findings. Forensic Science, Medicine, and Pathology, 2021, 17, 101-113.	0.6	23
525	Single-cell RNA sequencing reveals SARS-CoV-2 infection dynamics in lungs of African green monkeys. Science Translational Medicine, 2021, 13, .	5 . 8	146
526	Pulmonary barotrauma in mechanically ventilated coronavirus disease 2019 patients: A case series. Annals of Medicine and Surgery, 2021, 61, 24-29.	0.5	24

#	Article	IF	CITATIONS
527	Coagulopathy, Venous Thromboembolism, and Anticoagulation in Patients with COVIDâ \in 19. Pharmacotherapy, 2020, 40, 1130-1151.	1.2	63
531	Histological Evidence of Pulmonary Microthrombosis and Vasculitis in Life-Threatening Respiratory Virus Diseases. Open Forum Infectious Diseases, 2021, 8, ofaa640.	0.4	6
532	COVID-19: a pan-organ pandemic. Oxford Medical Case Reports, 2020, 2020, omaa107.	0.2	4
533	The liver in COVID-19: prevalence, patterns, predictors, and impact on outcomes of liver test abnormalities. European Journal of Gastroenterology and Hepatology, 2021, 33, e274-e281.	0.8	14
534	COVID-19 in Kidney Transplantation: Epidemiology, Management Considerations, and the Impact on Kidney Transplant Practice. Transplantation Direct, 2020, 6, e582.	0.8	21
555	Retrospective Post-mortem SARS-CoV-2 RT-PCR of Autopsies with COVID-19-Suggestive Pathology Supports the Absence of Lethal Community Spread in Basel, Switzerland, before February 2020. Pathobiology, 2021, 88, 95-105.	1.9	11
556	Investigations of Pathologists as a Key to Understanding Coronavirus Disease 2019. Pathobiology, 2021, 88, 11-14.	1.9	7
557	Severe immunosuppression and not a cytokine storm characterizes COVID-19 infections. JCI Insight, 2020, 5, .	2.3	245
558	Expression of SARS-CoV-2 entry receptors in the respiratory tract of healthy individuals, smokers and asthmatics. Respiratory Research, 2020, 21, 252.	1.4	36
559	Rescue therapy with inhaled nitric oxide and almitrine in COVID-19 patients with severe acute respiratory distress syndrome. Annals of Intensive Care, 2020, 10, 151.	2.2	39
560	Transcriptional profiling of leukocytes in critically ill COVID19 patients: implications for interferon response and coagulation. Intensive Care Medicine Experimental, 2020, 8, 75.	0.9	37
561	Airway Hygiene in COVID-19 Pneumonia: Treatment Responses of 3 Critically Ill Cruise Ship Employees. American Journal of Case Reports, 2020, 21, e926596.	0.3	17
562	The COVID-19 pandemic: catching up with the cataclysm. F1000Research, 2020, 9, 638.	0.8	8
563	Case Report: Acute lower limb ischemia in a recovered COVID-19 patient. F1000Research, 0, 9, 1253.	0.8	4
564	Is Persistent Thick Copious Mucus a Long-Term Symptom of COVID-19?. European Journal of Case Reports in Internal Medicine, 2019, 7, 002145.	0.2	8
565	One disease, many faces-typical and atypical presentations of SARS-CoV-2 infection-related COVID-19 disease. World Journal of Clinical Cases, 2020, 8, 3956-3970.	0.3	15
566	A comprehensive review of histopathological findings of infections induced by COVID-19. Cellular and Molecular Biology, 2020, 66, 143-151.	0.3	3
567	Novel coronavirus infection SARS-CoV-2 in elderly and senile patients: prevention, diagnosis and treatment. Expert Position Paper of the Russian Association of Gerontology and Geriatrics. Cardiovascular Therapy and Prevention (Russian Federation), 2020, 19, 2601.	0.4	16

#	Article	IF	CITATIONS
568	Management of patients with comorbidity during novel coronavirus (COVID-19) pandemic. National Consensus Statement 2020. Cardiovascular Therapy and Prevention (Russian Federation), 2020, 19, 2630.	0.4	60
570	Features of pathological anatomy of lungs at COVID-19. Pulmonologiya, 2020, 30, 519-532.	0.2	21
571	Histamine H4 receptor is a potential target for COVID-19 treatment. Electronic Physician, 2020, 12, 7776-7783.	0.2	1
573	From Cold to Killer: How SARS-CoV-2 Evolved without Hemagglutinin Esterase to Agglutinate, Then Clot Blood Cells in Pulmonary and Systemic Microvasculature. SSRN Electronic Journal, 0, , .	0.4	4
574	COVID-19-associated coagulopathy: review of current recommendations for diagnosis, treatment and prevention. Θ ospital-replacing Technologies Ambulatory Surgery, 0, , .	0.2	6
575	Expression and Clinical Significance of SARS-CoV-2 Human Targets in Neoplastic and Non-Neoplastic Lung Tissues. Current Cancer Drug Targets, 2021, 21, 428-442.	0.8	8
576	SARS-CoV-2-related lung pathology: macroscopic and histologic features and their clinical implications. Panminerva Medica, 2022, 64, .	0.2	5
577	The Pathology of Severe COVID-19-Related Lung Damage. Deutsches Ärzteblatt International, 2020, 117, 500-506.	0.6	66
578	Severe Acute Respiratory Distress Syndrome Secondary to Coronavirus 2 (SARS-CoV-2). International Journal of Occupational and Environmental Medicine, 2020, 11, 157-178.	4.1	16
579	High prevalence of hepatic steatosis and vascular thrombosis in COVID-19: A systematic review and meta-analysis of autopsy data. World Journal of Gastroenterology, 2020, 26, 7693-7706.	1.4	59
580	The pulmonary pathology of COVID-19. Cleveland Clinic Journal of Medicine, 2020, , .	0.6	20
581	Lung pathology in COVID-19: A systematic review. International Journal of Applied & Basic Medical Research, 2020, 10, 226.	0.2	18
582	COVID-19: An up-to-date review – from morphology to pathogenesis. Indian Journal of Pathology and Microbiology, 2020, 63, 358.	0.1	26
583	COVID-19: What we all intensivists should know. Saudi Critical Care Journal, 2020, 4, 45.	0.4	1
584	Obesity in COVID-19: A Systematic Review and Meta-analysis. Annals of the Academy of Medicine, Singapore, 2020, 49, 996-1008.	0.2	57
585	First case of retroperitoneal hematoma in COVID-19. Turkish Journal of Urology, 2020, 46, 407-409.	1.3	15
586	3D virtual pathohistology of lung tissue from Covid-19 patients based on phase contrast X-ray tomography. ELife, 2020, 9, .	2.8	37
587	Mouse Models for the Study of SARS-CoV-2 Infection. Comparative Medicine, 2021, 71, 383-397.	0.4	11

#	Article	IF	CITATIONS
588	Ultrasound-Guided Minimally Invasive Tissue Sampling: A Minimally Invasive Autopsy Strategy During the COVID-19 Pandemic in Brazil, 2020. Clinical Infectious Diseases, 2021, 73, S442-S453.	2.9	8
589	Thrombotic Microangiopathy in a Severe Pediatric Case of COVID-19. Clinical Medicine Insights Pediatrics, 2021, 15, 117955652110498.	0.7	10
590	Hallazgos macrosc \tilde{A}^3 picos y microsc \tilde{A}^3 picos en el sistema respiratorio en autopsias de pacientes con covid-19 Revista Ciencias Biom \tilde{A} % dicas (cartagena), 2021, 10, 172-188.	0.0	0
591	The Impact of SARS-CoV-2 Infection on Blood Coagulation and Fibrinolytic Pathways: A Review of Prothrombotic Changes Caused by COVID-19. Seminars in Thrombosis and Hemostasis, 2022, 48, 019-030.	1.5	17
592	Late Cardiac Pathology in Severe Covid-19. A Postmortem Series of 30 Patients. Frontiers in Cardiovascular Medicine, 2021, 8, 748396.	1.1	9
593	COVID-19-Induced Cavitary Lesion: A Rare Presentation. Cureus, 2021, 13, e18723.	0.2	2
594	The Role of Bronchoscopy in the Diagnosis and Management of Patients with SARS-Cov-2 Infection. Diagnostics, 2021, 11, 1938.	1.3	3
595	Flower lose, a cell fitness marker, predicts COVIDâ€19 prognosis. EMBO Molecular Medicine, 2021, 13, e13714.	3.3	4
596	Pathogenesis, Symptomatology, and Transmission of SARS-CoV-2 through Analysis of Viral Genomics and Structure. MSystems, 2021, 6, e0009521.	1.7	26
597	Longitudinal ventilatory ratio monitoring for COVID-19: its potential in predicting severity and assessing treatment response. Critical Care, 2021, 25, 366.	2.5	3
598	Coagulopathies after Vaccination against SARS-CoV-2 May Be Derived from a Combined Effect of SARS-CoV-2 Spike Protein and Adenovirus Vector-Triggered Signaling Pathways. International Journal of Molecular Sciences, 2021, 22, 10791.	1.8	20
599	Absence of relevant clinical effects of SARS-COV-2 on the affinity of hemoglobin for O2 in patients with COVID-19. Archivos De Bronconeumologia, 2021, 57, 757-763.	0.4	9
601	Effects of surface charge and environmental factors on the electrostatic interaction of fiber with virus-like particle: A case of coronavirus. AIP Advances, 2021, 11, 105008.	0.6	7
602	Hypoxic-Ischemic Injury of Basal Ganglia Associated with the COVID-19 Infection: Case Report. Case Reports in Neurology, 2021, 13, 668-671.	0.3	3
603	Cardiac SARS-CoV-2 infection is associated with pro-inflammatory transcriptomic alterations within the heart. Cardiovascular Research, 2022, 118, 542-555.	1.8	42
604	Clinical Characteristics and Perioperative Complication Profiles of COVID-19–Positive Patients Undergoing Hip Fracture Surgery. Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews, 2021, 5, .	0.4	9
605	Az új tÃpusú koronavÃrus okozta megbetegedés (COVID–19): összefoglaló hematológusoknak I. – virológia, molekuláris patogenezis és klinikum. Transfusio, 2020, 53, 68-80.	0.0	0
609	COVID-19 Associated Coagulopathy in the Setting of Underlying Malignancy. Cureus, 2020, 12, e10095.	0.2	O

#	Article	IF	CITATIONS
612	Review of current clinical management guidelines for COVID-19 with special reference to India. Drug Discoveries and Therapeutics, 2020, 14, 171-176.	0.6	4
614	Tissue Proteomic Analysis Identifies Mechanisms and Stages of Immunopathology in Fatal COVID-19. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 196-205.	1.4	26
615	Clinical Features and Management of COVID-19 Associated Hypercoagulability. Cardiac Electrophysiology Clinics, 2021, 14, 41-52.	0.7	2
616	Impact of PM2.5 concentration, weather and population on COVID-19 morbidity and mortality in Baghdad and Kuwait cities. Modeling Earth Systems and Environment, 2022, 8, 3625-3634.	1.9	3
617	Could Statin Therapy Be Useful in Patients With Coronavirus Disease 2019 (COVID-19)?. Frontiers in Cardiovascular Medicine, 2021, 8, 775749.	1.1	10
618	A comprehensive review of vascular complications in COVID-19. Journal of Thrombosis and Thrombolysis, 2022, 53, 586-593.	1.0	20
619	Hemi-central retinal vein occlusion as a rare manifestation of the hypercoagulable state in COVID-19. BMJ Case Reports, 2021, 14, e246428.	0.2	4
620	CLINICAL FEATURES, DIAGNOSIS AND TREATMENT OF COVID-19. Biological & Clinical Sciences Research Journal, 2020, 2020, .	0.4	7
621	Covid-19: The Biggest Threat of the 21st Century: In Respectful Memory of the Warriors All Over the World. Turkish Thoracic Journal, 2020, 21, 409-418.	0.2	10
622	A review of COVID-19-related thrombosis and anticoagulation strategies specific to the Asian population. Singapore Medical Journal, 2020, , .	0.3	6
624	Low Incidence of Symptomatic Thrombotic Events in Adult Patients Hospitalized with Coronavirus 19: A Retrospective Cohort Study. Clinical and Applied Thrombosis/Hemostasis, 2021, 27, 107602962110517.	0.7	1
625	Respiratory Care for Severe COVID-19. Indian Journal of Critical Care Medicine, 2020, 24, 493-495.	0.3	1
626	SARS-CoV-2 Infection Dynamics in Lungs of African Green Monkeys. SSRN Electronic Journal, 0, , .	0.4	3
627	The current approaches to the management of coronavirus disease 2019 associated coagulopathy. Vascular Investigation and Therapy, 2020, 3, 119.	0.3	1
628	Utility of convalescent plasma for COVID-19 treatment. MGM Journal of Medical Sciences, 2020, 7, 166.	0.1	0
630	The effect of interleukinâ€6 level at the time of hospitalisation on erectile functions in hospitalised patients with COVIDâ€19. Andrologia, 2022, 54, e14285.	1.0	8
631	COVID-19 Autopsy in India: Protocols, Procedures, and Experiences. Cureus, 2021, 13, e18984.	0.2	5
632	The role of chest imaging in the diagnosis, management, and monitoring of coronavirus disease 2019 (COVID-19). Insights Into Imaging, 2021, 12, 155.	1.6	16

#	Article	IF	CITATIONS
633	Pathogenic Basis of Thromboinflammation and Endothelial Injury in COVID-19: Current Findings and Therapeutic Implications. International Journal of Molecular Sciences, 2021, 22, 12081.	1.8	21
634	An Insight into the Role of Postmortem Immunohistochemistry in the Comprehension of the Inflammatory Pathophysiology of COVID-19 Disease and Vaccine-Related Thrombotic Adverse Events: A Narrative Review. International Journal of Molecular Sciences, 2021, 22, 12024.	1.8	5
635	Mucoadhesive nanoformulations and their potential for combating COVID-19. Nanomedicine, 2021, 16, 2497-2501.	1.7	12
638	Pulmonary pathology of infection by SARS-CoV-2, what we have learnt through post-mortem studies and pathophysiological considerations. Proceedings of Singapore Healthcare, 2021, 30, 152-158.	0.2	0
642	Cardiovascular risk and complications associated with COVID-19. American Journal of Cardiovascular Disease, 2020, 10, 479-489.	0.5	10
643	Inexplicable COVID-19! Would pathological autopsy be the panacea?. Acta Biomedica, 2021, 92, e2021175.	0.2	2
644	Innovative diagnostic approach and investigation trends in COVID19-A systematic review. Journal of Oral and Maxillofacial Pathology, 2020, 24, 421-436.	0.3	1
645	Efficacy and safety of inhaled nitric oxide in the treatment of severe/critical COVID-19 patients: A systematic review. Indian Journal of Pharmacology, 2021, 53, 236-243.	0.4	8
646	Cardiovascular injuries and SARS-COV-2 infection: focus on elderly people. Journal of Geriatric Cardiology, 2021, 18, 534-548.	0.2	2
647	Is it COVID-19? The value of medicolegal autopsies during the first year of the COVID-19 pandemic. Forensic Science International, 2022, 330, 111106.	1.3	3
648	Impaired Dendritic Cell Homing in COVID-19. Frontiers in Medicine, 2021, 8, 761372.	1.2	8
649	Bronchopleural fistula and bilateral pneumothorax in a patient with COVIDâ€19. Clinical Case Reports (discontinued), 2021, 9, e05149.	0.2	5
650	Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage. Vascular Pharmacology, 2022, 142, 106946.	1.0	59
651	Usual Interstitial Pneumonia is the Most Common Finding in Surgical Lung Biopsies from Patients with Persistent Interstitial Lung Disease Following Infection with SARS-CoV-2. EClinicalMedicine, 2021, 42, 101209.	3.2	33
652	Increase in Chondroitin Sulfate and Decline in Arylsulfatase B May Contribute to Pathophysiology of COVID-19 Respiratory Failure. Pathobiology, 2022, 89, 81-91.	1.9	8
653	COVID 19 vaccine in patients of hypercoagulable disorders: a clinical perspective. Hormone Molecular Biology and Clinical Investigation, 2021, .	0.3	2
654	Age-Related Changes in Primary and Secondary Lymphoid Organs. Healthy Ageing and Longevity, 2022, , 13-22.	0.2	0
655	Evaluation of postmortem pathological changes in the lung in SARS-CoV-2 RT-PCR positive cases. Journal of Surgery and Medicine, 2021, 5, 1113-1120.	0.0	2

#	Article	IF	CITATIONS
656	Indications, Clinical Utility, and Safety of Bronchoscopy in COVID-19. Respiratory Care, 2022, 67, 241-251.	0.8	9
657	Extracorporeal Membrane Oxygenation for COVID-19: some answers and a remaining question. Anaesthesia, Critical Care & Description of the Covid Anaesthesia, Covid An	0.6	0
658	Moderate Intensity Aerobic Exercise Potential Favorable Effect Against COVID-19: The Role of Renin-Angiotensin System and Immunomodulatory Effects. Frontiers in Physiology, 2021, 12, 747200.	1.3	15
659	Anticoagulation in COVID-19: a review of current literature and guidelines. Hospital Practice (1995), 2021, 49, 307-324.	0.5	7
660	Native and transplant kidney histopathological manifestations in association with COVID-19 infection: A systematic review. World Journal of Transplantation, 2021, 11, 480-502.	0.6	12
661	Progression and Resolution of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection in Golden Syrian Hamsters. American Journal of Pathology, 2022, 192, 195-207.	1.9	22
662	Influence of SARS-CoV-2 on airway mucus production: A review and proposed model. Veterinary Pathology, 2022, 59, 578-585.	0.8	14
663	TEG®, Microclot and Platelet Mapping for Guiding Early Management of Severe COVID-19 Coagulopathy. Journal of Clinical Medicine, 2021, 10, 5381.	1.0	30
664	Post-mortem lung tissue: the fossil record of the pathophysiology and immunopathology of severe COVID-19. Lancet Respiratory Medicine, the, 2022, 10, 95-106.	5.2	34
665	Pulmonary pathology in COVID-19 —diffuse alveolar damage and thrombosis—. Japanese Journal of Thrombosis and Hemostasis, 2021, 32, 708-714.	0.1	1
666	Multicentric Breast Abscesses in a Patient Who Had COVID-19. Ochsner Journal, 2021, 21, 402-405.	0.5	4
668	Pathology of COVID-19 Infection., 2021,, 135-148.		0
669	Role of medicinal plants in inhibiting SARS-CoV-2 and in the management of post-COVID-19 complications. Phytomedicine, 2022, 98, 153930.	2.3	25
670	Ethical and practical considerations for HIV cure-related research at the end-of-life: a qualitative interview and focus group study in the United States. BMC Medical Ethics, 2022, 23, 2.	1.0	4
671	Postmortem findings in COVID-19 fatalities: A systematic review of current evidence. Legal Medicine, 2022, 54, 102001.	0.6	18
672	Spontaneous Multiple Arterial Dissection in a COVID-19–Positive Decedent. American Journal of Forensic Medicine and Pathology, 2022, 43, 52-54.	0.4	1
674	Resolution of acute pulmonary embolism using anticoagulation therapy alone in coronavirus disease 2019. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2022, 10, 578-584.e2.	0.9	8
675	Coagulation Studies Are Not Predictive of Hematological Complications of COVID-19 Infection. TH Open, 2022, 06, e1-e9.	0.7	2

#	Article	IF	CITATIONS
676	Multiplatform Analyses Reveal Distinct Drivers of Systemic Pathogenesis in Adult Versus Pediatric COVID-19. SSRN Electronic Journal, 0, , .	0.4	0
677	Cardiovascular Risk After SARS-CoV-2 Infection Is Mediated by IL18/IL18R1/HIF-1 Signaling Pathway Axis. Frontiers in Immunology, 2021, 12, 780804.	2.2	15
678	Sepsis induced coagulopathy score and D-dimer levels in COVID-19 patients followed in intensive care; what has changed in COVID era?. Journal of Health Sciences and Medicine, 2022, 5, 94-98.	0.0	1
679	Extensive Pulmonary Embolism Following Mild COVID-19 Pneumonia. Cureus, 2022, 14, e21436.	0.2	1
680	Pre-Existing Lymphopenia Increases the Risk of Hospitalization and Death after SARS-CoV-2 Infection. Infectious Disease Reports, 2022, 14, 20-25.	1.5	6
681	Pulmonary Aspects of COVID-19. Annual Review of Medicine, 2022, 73, 81-93.	5.0	8
682	Evaluation of 3â€month followâ€up of patients with postacute COVIDâ€19 syndrome. Journal of Medical Virology, 2022, 94, 2026-2034.	2.5	16
683	Prothrombotic Milieu, Thrombotic Events and Prophylactic Anticoagulation in Hospitalized COVID-19 Positive Patients: A Review. Clinical and Applied Thrombosis/Hemostasis, 2022, 28, 107602962210743.	0.7	12
684	Biosensor detection of airborne respiratory viruses such as SARS-CoV-2. SLAS Technology, 2022, 27, 4-17.	1.0	17
685	Lung vessel volume evaluated with CALIPER software is an independent predictor of mortality in COVID-19 patients: a multicentric retrospective analysis. European Radiology, 2022, 32, 4314-4323.	2.3	5
686	The association between the CT severity index and the pulmonary artery area in COVID-19 pneumonia. Acta Radiologica, 2022, , 028418512110704.	0.5	0
687	Cancer bio-immunotherapy XVIII annual NIBIT-(Italian network for tumor biotherapy) meeting, October 15–16, 2020. Cancer Immunology, Immunotherapy, 2022, , 1.	2.0	0
688	Clinical characteristics and histopathology of COVID-19 related deaths in South African adults. PLoS ONE, 2022, 17, e0262179.	1.1	8
690	Multisystem screening reveals <scp>SARSâ€CoV</scp> â€2 in neurons of the myenteric plexus and in megakaryocytes. Journal of Pathology, 2022, 257, 198-217.	2.1	16
692	Risk Assessment for Patients with Chronic Respiratory Conditions in the Context of the SARS-CoV-2 Pandemic Statement of the German Respiratory Society with the Support of the German Association of Chest Physicians. Respiration, 2022, 101, 307-320.	1.2	5
693	The Pathological Features of CoViD19 Cardiovascular Complications. , 2022, , 47-62.		0
694	Morphological and tissue-based molecular characterization of oral lesions in patients with COVID-19: A living systematic review. Archives of Oral Biology, 2022, 136, 105374.	0.8	6
695	<scp>COVID</scp> â€19â€Associated Critical Illness Myopathy with Direct Viral Effects. Annals of Neurology, 2022, 91, 568-574.	2.8	13

#	Article	IF	CITATIONS
696	Pathophysiology of coronavirus-19 disease acute lung injury. Current Opinion in Critical Care, 2022, 28, 9-16.	1.6	46
698	Forensic autopsy-confirmed COVID-19-induced out-of-hospital cardiac arrest. Annals of Translational Medicine, 2021, 9, 1715-1715.	0.7	4
699	Erectile dysfunction and testosterone levels prior to COVID-19 disease: What is the relationship?. Archivio Italiano Di Urologia Andrologia, 2021, 93, 460-464.	0.4	11
701	COVID-19 Pulmonary Pathology, Ventilator-Induced Lung Injury (VILI), or Sepsis-Induced Acute Respiratory Distress Syndrome (ARDS)? Healthcare Considerations Arising From an Autopsy Case and Miny-Review. BMC Clinical Pathology, 2022, 15, 2632010X2210832.	0.7	5
702	Manifestations and Mechanism of SARS-CoV2 Mediated Cardiac Injury. International Journal of Biological Sciences, 2022, 18, 2703-2713.	2.6	13
703	Study to assess aetiology, clinical and imaging characteristics of post Covid-19 pulmonary cavitation. Journal of Family Medicine and Primary Care, 2022, 11, 739.	0.3	2
704	A Deadly Embrace: Hemagglutination Mediated by SARS-CoV-2 Spike Protein at Its 22 N-Glycosylation Sites, Red Blood Cell Surface Sialoglycoproteins, and Antibody. International Journal of Molecular Sciences, 2022, 23, 2558.	1.8	14
705	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
706	Investigation of an alternative to direct anticoagulants in COVID-19 patients. Hirurg, 2022, , 66-80.	0.0	0
707	Retinal vascular impairment matched to the pulmonary damage in early post-COVID 19 patients. European Journal of Ophthalmology, 2022, , 112067212210791.	0.7	2
708	Microcirculatory Alterations in Critically Ill Patients with COVID-19-Associated Acute Respiratory Distress Syndrome. Journal of Clinical Medicine, 2022, 11, 1032.	1.0	10
709	COVID-19 and the Vasculature: Current Aspects and Long-Term Consequences. Frontiers in Cell and Developmental Biology, 2022, 10, 824851.	1.8	51
710	Postmortem CT pulmonary findings in SARS-CoV-2-positive cases: correlation with lung histopathological findings and autopsy results. International Journal of Legal Medicine, 2022, 136, 1407-1415.	1.2	9
711	Lipid and Nucleocapsid N-Protein Accumulation in COVID-19 Patient Lung and Infected Cells. Microbiology Spectrum, 2022, 10, e0127121.	1.2	12
712	Understanding the pathophysiology of typical acute respiratory distress syndrome and severe COVID-19. Expert Review of Respiratory Medicine, 2022, , 1-10.	1.0	12
713	Histopathology and localization of SARS-CoV-2 and its host cell entry receptor ACE2 in tissues from naturally infected US-farmed mink (<i>Neovison vison</i>). Veterinary Pathology, 2022, 59, 681-695.	0.8	12
714	Case Report: Severe Acute Pulmonary COVID-19 in a Teenager Post Autologous Hematopoietic Stem Cell Transplant. Frontiers in Pediatrics, 2022, 10, 809061.	0.9	3
715	Pathogenesis of Olfactory Disorders in COVID-19. Brain Sciences, 2022, 12, 449.	1.1	12

#	Article	IF	CITATIONS
716	Clinical, Virological, and Pathological Profile of Patients Who Died of COVID-19: An Autopsy-Based Study From India. Cureus, 2022, 14, e23538.	0.2	3
717	TB and COVID-19: An Exploration of the Characteristics and Resulting Complications of Co-infection. Frontiers in Bioscience - Scholar, 2022, 14, 6.	0.8	18
719	Progressive pulmonary fibrosis due to diffuse alveolar damage in a <scp>COVID</scp> â€19â€infected autopsy case. Respirology Case Reports, 2022, 10, e0934.	0.3	2
720	Fatal SARSâ€CoVâ€2 Omicron variant in a young infant: Autopsy findings. Pediatric Pulmonology, 2022, 57, 1363-1365.	1.0	11
721	How did research article publications on the COVID-19 pandemic progress in the Q1 ranked SCImage index journals in 2020?. Journal of Health Sciences and Medicine, 2022, 5, 368-373.	0.0	1
722	Comorbidities and autopsy findings of COVID-19 deaths and their association with time to death: a systematic review and meta-analysis. Current Medical Research and Opinion, 2022, , 1-8.	0.9	3
723	Longâ€term upper aerodigestive sequelae as a result of infection with COVIDâ€19. Laryngoscope Investigative Otolaryngology, 2022, 7, 476-485.	0.6	14
724	Incidence of COVID-19-Associated Venous Thromboembolism Among Hospitalized Patients in McAllen, Texas, USA, in Late 2021. Cureus, 2022, 14, e23270.	0.2	0
725	COVID-19 microthrombosis: unusually large VWF multimers are a platform for activation of the alternative complement pathway under cytokine storm. International Journal of Hematology, 2022, 115, 457-469.	0.7	18
726	2022 ACC Expert Consensus Decision Pathway on Cardiovascular Sequelae of COVID-19 in Adults: Myocarditis and Other Myocardial Involvement, Post-Acute Sequelae of SARS-CoV-2 Infection, and Return to Play. Journal of the American College of Cardiology, 2022, 79, 1717-1756.	1.2	220
727	Endothelial inflammation and dysfunction in COVID-19. Vasa - European Journal of Vascular Medicine, 2022, 51, 62-70.	0.6	9
728	SARS-CoV-2 pathogenesis. Nature Reviews Microbiology, 2022, 20, 270-284.	13.6	404
729	Clinicopathologic characteristics of severe COVID-19 patients in Mexico City: A post-mortem analysis using a minimally invasive autopsy approach. PLoS ONE, 2022, 17, e0262783.	1.1	7
730	The Longitudinal Evolution of Post–COVID-19 Outcomes Among Hemodialysis Patients in Turkey. Kidney International Reports, 2022, 7, 1393-1405.	0.4	7
732	COVID-19â€"Associated cardiac pathology at the postmortem evaluation: a collaborative systematic review. Clinical Microbiology and Infection, 2022, 28, 1066-1075.	2.8	30
733	COVID-19 and thrombosis: The role of hemodynamics. Thrombosis Research, 2022, 212, 51-57.	0.8	28
734	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
735	High viral loads: what drives fatal cases of COVID-19 in vaccinees? – an autopsy study. Modern Pathology, 2022, 35, 1013-1021.	2.9	5

#	Article	IF	Citations
736	SARS-CoV-2 and human retroelements: a case for molecular mimicry?. BMC Genomic Data, 2022, 23, 27.	0.7	4
737	Effect of Antiplatelet Therapy on Survival and Organ Support–Free Days in Critically III Patients With COVID-19. JAMA - Journal of the American Medical Association, 2022, 327, 1247.	3.8	83
738	Prevalence of Acute Pulmonary Embolism at Autopsy in Patients With COVID-19. American Journal of Cardiology, 2022, 171, 159-164.	0.7	13
739	Inhaled pulmonary vasodilators are not associated with improved gas exchange in mechanically ventilated patients with COVID-19: A retrospective cohort study. Journal of Critical Care, 2022, 69, 153990.	1.0	8
740	Rapid and sensitive detection of viral particles by coupling redox cycling and electrophoretic enrichment. Biosensors and Bioelectronics, 2022, 208, 114198.	5.3	4
741	Pathological Features of COVID-19 Pneumonia Diagnosed Following an Autopsy. Korean Journal of Legal Medicine, 2021, 45, 145-149.	0.1	2
743	COVID-19 and thrombotic microangiopathy. Obstetrics, Gynecology and Reproduction, 2022, 15, 639-657.	0.2	5
745	Lung pathology in COVID-19., 2021, , 86-100.		3
746	Platelet Dysregulation in the Pathobiology of COVID-19. Hamostaseologie, 2021, , .	0.9	2
747	COVID-19 and thrombosis: searching for evidence. Hematology American Society of Hematology Education Program, 2021, 2021, 621-627.	0.9	12
749	Complement C5a and Clinical Markers as Predictors of COVID-19 Disease Severity and Mortality in a Multi-Ethnic Population. Frontiers in Immunology, 2021, 12, 707159.	2.2	16
7 50	Immunohistochemical and Transcriptional Analysis of SARS-CoV-2 Entry Factors and Renin-Angiotensin-Aldosterone System Components in Lethal COVID-19. Pathobiology, 2022, 89, 166-177.	1.9	4
752	Targeting Inflammasome Activation in COVID-19: Delivery of RNA Interference-Based Therapeutic Molecules. Biomedicines, 2021, 9, 1823.	1.4	7
753	Vascular Damage, Thromboinflammation, Plasmablast Activation, T-Cell Dysregulation and Pathological Histiocytic Response in Pulmonary Draining Lymph Nodes of COVID-19. Frontiers in Immunology, 2021, 12, 763098.	2.2	12
754	Recent Advancements on COVID-19: A Comprehensive Review. International Journal of General Medicine, 2021, Volume 14, 10351-10372.	0.8	7
7 55	Lung histopathologic clusters in severe COVID-19: a link between clinical picture and tissue damage. Critical Care, 2021, 25, 423.	2.5	8
756	3D virtual histopathology of cardiac tissue from Covid-19 patients based on phase-contrast X-ray tomography. ELife, 2021, 10, .	2.8	21
757	Analysis of the Role of Female Hormones During Infection by COVID-19. Revista Brasileira De Ginecologia E Obstetricia, 2021, 43, 940-948.	0.3	3

#	Article	IF	CITATIONS
758	Massive image-based single-cell profiling reveals high levels of circulating platelet aggregates in patients with COVID-19. Nature Communications, 2021, 12, 7135.	5.8	40
759	A humanized mouse model of chronic COVID-19. Nature Biotechnology, 2022, 40, 906-920.	9.4	71
760	Pathological findings in COVID-19: A conventional autopsy-based study from India. Indian Journal of Medical Research, 2022, 155, 178.	0.4	3
761	Isolated Pneumopericardium: A Rare Complication Secondary to COVID-19 Infection. Cureus, 2022, 14, e23431.	0.2	0
762	Human-Immune-System (HIS) humanized mouse model (DRAGA: HLA-A2.HLA-DR4.Rag1KO.IL-2RγcKO.NOD) for COVID-19. Human Vaccines and Immunotherapeutics, 2022, 18, 1-16.	1.4	6
763	Matrix Metalloproteinases on Severe COVID-19 Lung Disease Pathogenesis: Cooperative Actions of MMP-8/MMP-2 Axis on Immune Response through HLA-G Shedding and Oxidative Stress. Biomolecules, 2022, 12, 604.	1.8	28
764	A factor not to be ignored in <scp>postâ€COVID</scp> â€19 erectile dysfunction; psychological effect, a prospective study. Andrologia, 2022, 54, .	1.0	5
765	COVID-19 Autopsies Reveal Underreporting of SARS-CoV-2 Infection and Scarcity of Co-infections. Frontiers in Medicine, 2022, 9, 868954.	1.2	14
772	Editorial: intended victim or innocent bystander? The liver in COVIDâ€19â€"Authors' reply. Alimentary Pharmacology and Therapeutics, 2020, 52, 1220-1221.	1.9	0
773	Immune and epithelial determinants of age-related risk and alveolar injury in fatal COVID-19. JCI Insight, 2022, 7, .	2.3	2
777	Innovative diagnostic approach and investigation trends in COVID19-A systematic review. Journal of Oral and Maxillofacial Pathology, 2020, 24, 421.	0.3	2
778	Small Molecules as Modulators of Active Forms of MMPs. SSRN Electronic Journal, 0, , .	0.4	O
779	Thromboembolic Events in Deceased Patients with Proven SARS-CoV-2 Infection: Frequency, Characteristics and Risk Factors. SSRN Electronic Journal, 0, , .	0.4	0
781	Inflammasome activation in infected macrophages drives COVID-19 pathology. Nature, 2022, 606, 585-593.	13.7	276
782	Multifactorial Effects of COVID-19: A Review of Published Autopsy Reports. Covid, 2022, 2, 553-568.	0.7	1
783	Perspective: The Case for Acute Large Vessel Ischemic Stroke in COVID-19 Originating Within Thrombosed Pulmonary Venules. Stroke, 2022, 53, 2411-2419.	1.0	3
784	Antiviral Characterization of Advanced Materials: Use of Bacteriophage Phi 6 as Surrogate of Enveloped Viruses Such as SARS-CoV-2. International Journal of Molecular Sciences, 2022, 23, 5335.	1.8	20
785	Autopsy findings in COVID-19 infection-related death: a systematic review. Egyptian Journal of Forensic Sciences, 2022, 12, 22.	0.4	2

#	Article	IF	CITATIONS
786	Venous and arterial thrombosis in COVID-19: An updated narrative review. Journal of Infection and Public Health, 2022, 15, 689-702.	1.9	6
787	Spread of COVID-19 Infection in Long-Term Care Facilities of Trieste (Italy) during the Pre-Vaccination Era. Integrating Findings of 41 Forensic Autopsies with Geriatric Comorbidity Index as a Valid Option for the Assessment of Strength of Causation. Vaccines, 2022, 10, 774.	2.1	0
788	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
790	Programmed multi-level ventilation in COVID-19-related acute respiratory distress syndrome: a multi-center retrospective observational study. Journal of International Medical Research, 2022, 50, 030006052211019.	0.4	0
791	Mechanism of Multi-Organ Injury in Experimental COVID-19 and Its Inhibition by a Small Molecule Peptide. Frontiers in Pharmacology, $0,13,.$	1.6	12
792	Cell response analysis in SARS-CoV-2 infected bronchial organoids. Communications Biology, 2022, 5, .	2.0	39
793	Utility of D-dimers in COVID-19 Patients Requiring Extracorporeal Membrane Oxygenation. ASAIO Journal, 2022, 68, 1241-1248.	0.9	4
794	Analysis of the role of PMCT during the COVID-19 pandemic: A systematic review. Forensic Imaging, 2022, 30, 200505.	0.4	4
795	Could a Lower Toll-like Receptor (TLR) and NF-κB Activation Due to a Changed Charge Distribution in the Spike Protein Be the Reason for the Lower Pathogenicity of Omicron?. International Journal of Molecular Sciences, 2022, 23, 5966.	1.8	9
796	Histopathological Findings in COVID-19 Cases: A Systematic Review. Cureus, 2022, , .	0.2	9
797	The Relationships between Physical Activity, Exercise, and Sport on the Immune System. International Journal of Environmental Research and Public Health, 2022, 19, 6777.	1.2	12
798	Acute Pulmonary Embolism in COVID-19: A Potential Connection between Venous Congestion and Thrombus Distribution. Biomedicines, 2022, 10, 1300.	1.4	3
799	Outcomes of acute limb ischemia in COVID-19. Journal of Vascular Surgery, 2022, 76, 1006-1013.e3.	0.6	3
800	Two Cases of COVID-19-Related Deaths Unaccounted for: A Call for Action. Cureus, 2022, , .	0.2	0
801	SARS-CoV-2: A Master of Immune Evasion. Biomedicines, 2022, 10, 1339.	1.4	24
802	COVID-19 on Chest CT: Translating Known Microscopic Findings to Imaging Observations. Life, 2022, 12, 855.	1.1	1
803	Tendency in Pulmonary Aspergillosis Investigation during the COVID-19 Era: What Is Changing?. International Journal of Environmental Research and Public Health, 2022, 19, 7079.	1.2	4
804	Cytopathological Findings in Bronchoalveolar Lavage from Patients with COVID-19. Acta Cytologica, 0, , 1-10.	0.7	0

#	Article	IF	CITATIONS
805	Pulmonary and systemic pathology in COVID-19—holistic pathological analyses. Deutsches Ärzteblatt International, 0, , .	0.6	5
806	Thrombosis of Medium-Sized and Large Arteries During Covid-19 Infection: Results of the COVIVASC Study. Annals of Vascular Surgery, 2022, , .	0.4	2
807	Pulmonary Function and Persistent Clinical Symptoms in Children and Their Parents 12 Months After Mild SARS-CoV-2 Infection. Frontiers in Pediatrics, 0, 10, .	0.9	5
808	Thromboelastographic method for early decision on anticoagulant therapy in moderate to severe COVID-19 patients. Medical Journal of Indonesia, 0, , .	0.2	0
809	Unveiling Distinguished Methodologies for the Diagnosis of COVID-19., 2022, , 99-120.		0
810	Pulmonary thromboembolic events in COVID‶9â€"A systematic literature review. Pulmonary Circulation, 2022, 12, .	0.8	9
811	Examining D-dimer and Empiric Anti-coagulation in COVID-19-Related Thrombosis. Cureus, 2022, , .	0.2	0
812	Case report of a Japanese patient with chronic renal failure who developed <scp>SARS oV</scp> â€2 in a hospital cluster during treatment for acute respiratory failure: An autopsy report. Clinical Case Reports (discontinued), 2022, 10, .	0.2	2
813	Organ Involvement in COVID-19: A Molecular Investigation of Autopsied Patients. Microorganisms, 2022, 10, 1333.	1.6	7
814	Interstitial Pulmonary Fibrosis and Extensive Dendriform Ossification with Persistent Viral Load: A Rare Presentation of Post-COVID-19 Condition in Need of Lung Transplantation. Pathobiology, 2023, 90, 138-146.	1.9	3
815	Complement-mediated microvascular injury and thrombosis in the pathogenesis of severe COVID-19: A review. World Journal of Experimental Medicine, 2022, 12, 53-67.	0.9	12
816	Findings and inferences from full autopsies, minimally invasive autopsies and biopsy studies in patients who died as a result of COVID19 — A systematic review. Forensic Science, Medicine, and Pathology, 2022, 18, 369-381.	0.6	2
817	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
818	Long-Term Sequelae of COVID-19 in Experimental Mice. Molecular Neurobiology, 2022, 59, 5970-5986.	1.9	16
819	Cell tropism and viral clearance during SARS-CoV-2 lung infection. Pathology Research and Practice, 2022, 236, 154000.	1.0	3
820	Nervous system manifestations related to COVID-19 and their possible mechanisms. Brain Research Bulletin, 2022, 187, 63-74.	1.4	2
821	Highly Prevalent SARS-CoV-2 Antigenemia in COVID-19 Patients. Infectious Diseases & Immunity, 2022, 2, 193-199.	0.2	0
823	Secondary Complications in COVID-19 Patients: A Case Series. Tomography, 2022, 8, 1836-1850.	0.8	4

#	Article	IF	CITATIONS
824	A Review of COVID-19 in Relation to Metabolic Syndrome: Obesity, Hypertension, Diabetes, and Dyslipidemia. Cureus, 2022, , .	0.2	12
825	Bleeding and thrombosis outcomes in hospitalised COVID-19 patients on low-molecular-weight heparin and antiplatelet therapy. South African Medical Journal, 0, , .	0.2	0
826	An ancient examination in the face of a modern pandemic: systematic review of major clinicopathological autopsy findings. Revista Da AssociaÃsão Médica Brasileira, 0, , .	0.3	0
829	Heme oxygenase-1 as an important predictor of the severity of COVID-19. PLoS ONE, 2022, 17, e0273500.	1.1	6
830	The relationship between lung fibrosis, the epidermal growth factor receptor, and disease outcomes in COVID-19 pneumonia: a postmortem evaluation. Clinical and Experimental Medicine, 2023, 23, 1181-1188.	1.9	3
831	Coronavirus Disease 2019-Associated Coagulopathy. Microorganisms, 2022, 10, 1556.	1.6	8
832	The Outcome of High-Dose Corticosteroid Treatment Among Coronavirus Disease 2019 Patients. Infectious Diseases in Clinical Practice, 2022, 30, .	0.1	0
833	Pulmonary Embolism Severity Index Predicts Adverse Events in Hospitalized COVID-19 Patients: A Retrospective Observational Study. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 4403-4409.	0.6	1
834	Massive Haemoptysis Treated with Bronchial Artery Embolisation in COVID-19 Infection. European Journal of Case Reports in Internal Medicine, 0, , .	0.2	0
835	Targeting autophagy regulation in NLRP3 inflammasome-mediated lung inflammation in COVID-19. Clinical Immunology, 2022, 244, 109093.	1.4	9
836	Clinical outcomes of COVID-19 infection in patients with pre-existing cardiovascular disease. American Heart Journal Plus, 2022, 20, 100189.	0.3	5
837	Targeting thromboinflammation in COVID-19 – A narrative review of the potential of C1 inhibitor to prevent disease progression. Molecular Immunology, 2022, 150, 99-113.	1.0	2
838	Thromboembolic events in deceased patients with proven SARS-CoV-2 infection: Frequency, characteristics and risk factors. Thrombosis Research, 2022, 218, 171-176.	0.8	6
839	Brief Pathophysiology. , 2022, , 177-189.		1
840	Pathophysiology and Management of Hypercoagulation in Infectious Diseases. Journal of Cardiac Critical Care TSS, 2022, 06, 131-140.	0.0	1
841	Lung Ultrasound Findings and Endothelial Perturbation in a COVID-19 Low-Intensity Care Unit. Journal of Clinical Medicine, 2022, 11, 5425.	1.0	1
842	SARS-CoV-2 infection drives an inflammatory response in human adipose tissue through infection of adipocytes and macrophages. Science Translational Medicine, 2022, 14, .	5.8	51
843	SARS-CoV-2 and Endothelial Cells: Vascular Changes, Intussusceptive Microvascular Growth and Novel Therapeutic Windows. Biomedicines, 2022, 10, 2242.	1.4	6

#	Article	IF	CITATIONS
844	Metabolic dyshomeostasis induced by SARS-CoV-2 structural proteins reveals immunological insights into viral olfactory interactions. Frontiers in Immunology, $0,13,\ldots$	2.2	1
845	Covid-19: Consumption coagulopathy with increased severity and mortality - A retrospective study. IP Journal of Diagnostic Pathology and Oncology, 2022, 7, 165-168.	0.0	0
846	Impact of COVIDâ€19 on the progression of benign prostatic hyperplasia and aggravation of related symptoms: A prospective study. Prostate, 2023, 83, 82-86.	1.2	2
847	Plasma Endocan as a Biomarker of Thrombotic Events in COVID-19 Patients. Journal of Clinical Medicine, 2022, 11, 5560.	1.0	6
848	COVID-19, Endothelium and the Cardiometabolic Patient: A Possible Role for Capillary Leak Syndrome. Biomedicines, 2022, 10, 2379.	1.4	3
849	Evaluation of Outcomes of Peritoneal Dialysis Patients in the Post-COVID-19 Period: A National Multicenter Case-Control Study from Turkey. Nephron, 2023, 147, 272-280.	0.9	4
850	Neurological manifestations in patients with new coronavirus infection COVID-19. Physical and Rehabilitation Medicine Medical Rehabilitation, 2022, 4, 154-180.	0.1	2
851	A glimpse in post-COVID pathophysiology: the role of exhaled breath condensate pH as an early marker of residual alveolar inflammation. Expert Review of Respiratory Medicine, 2022, 16, 1093-1099.	1.0	2
852	Von willebrand factor level and activity in correlation with D-dimer level among COVID-19 patients in Saudi Arabia. Journal of Applied Hematology, 2022, 13, 228.	0.1	1
853	Rheumatological Complications Following COVID-19. , 2022, , 129-138.		0
854	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
855	Direct, indirect, post-infection damages induced by coronavirus in the human body: an overview. VirusDisease, 2022, 33, 429-444.	1.0	5
856	The pathogenesis of coronavirus-19 disease. Journal of Biomedical Science, 2022, 29, .	2.6	34
857	COVID-19 Pathology in the Lung, Kidney, Heart and Brain: The Different Roles of T-Cells, Macrophages, and Microthrombosis. Cells, 2022, 11, 3124.	1.8	7
858	Patients with coronavirus disease 2019 characterized by dysregulated levels of membrane and soluble cluster of differentiation 48. Annals of Allergy, Asthma and Immunology, 2023, 130, 245-253.e9.	0.5	4
859	A comprehensive mini-review on amyloidogenesis of different SARS-CoV-2 proteins and its effect on amyloid formation in various host proteins. 3 Biotech, 2022, 12, .	1.1	3
860	SARS-CoV-2-Infection (COVID-19): Clinical Course, Viral Acute Respiratory Distress Syndrome (ARDS) and Cause(s) of Death. Medical Sciences (Basel, Switzerland), 2022, 10, 58.	1.3	6
861	Gross Pathology in COVID-19. Encyclopedia, 2022, 2, 1790-1802.	2.4	1

#	Article	IF	CITATIONS
862	Neutrophil infiltration and myocarditis in patients with severe COVID-19: A post-mortem study. Frontiers in Cardiovascular Medicine, $0, 9, .$	1.1	8
863	Inmunohistochemical detection of pandemic SARSCoV- 2 antigens in lung tissue. Biomedica, 2022, 42, 9-13.	0.3	1
864	Hypercoagulable state in COVID-19 and diabetes: Cerebral vasospasm, intracardiac clot, and pulmonary embolism. Nigerian Journal of General Practice, 2022, 20, 6.	0.3	0
865	Pointâ€ofâ€care ultrasound in the detection of central retinal artery occlusion in a patient with recent COVIDâ€19. Journal of the American College of Emergency Physicians Open, 2022, 3, .	0.4	0
866	Pathological Changes in the Lungs of Patients with a Lethal COVID-19 Clinical Course. Diagnostics, 2022, 12, 2808.	1.3	1
867	Elevated Plasma D-Dimer Concentrations in Adults after an Outpatient-Treated COVID-19 Infection. Viruses, 2022, 14, 2441.	1.5	4
869	Prediction Value of KREBS Von Den Lungen-6 (KL-6) Biomarker in COVID-19 Patients: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2022, 11, 6600.	1.0	3
870	Vascular dysfunction in COVID-19 patients: update on SARS-CoV-2 infection of endothelial cells and the role of long non-coding RNAs. Clinical Science, 2022, 136, 1571-1590.	1.8	7
871	Neuropathological findings in COVID-19: an autopsy cohort. Journal of Neuropathology and Experimental Neurology, 2023, 82, 21-28.	0.9	12
872	Increase of Mast Cells in <scp>COVID</scp> â€19 Pneumonia may Contribute to Pulmonary Fibrosis and Thrombosis. Histopathology, 0, , .	1.6	5
873	Acute and chronic histopathological findings in renal biopsies in COVID-19. Clinical and Experimental Medicine, 2023, 23, 1003-1014.	1.9	6
874	Risk factors and mortality of pulmonary embolism in COVID-19 patients: Evidence based on fifty observational studies. Medicine (United States), 2022, 101, e29895.	0.4	1
875	Circulating microRNAs as emerging regulators of COVID-19. Theranostics, 2023, 13, 125-147.	4.6	11
876	Highly efficient non-enzymatic electrochemical glucose sensor based on carbon nanotubes functionalized by molybdenum disulfide and decorated with nickel nanoparticles (GCE/CNT/MoS2/NiNPs). Sensors and Actuators Reports, 2023, 5, 100136.	2.3	17
877	Coronavirus disease 2019 complicated by hemothorax, pneumomediastinum, pneumothorax, and subcutaneous emphysema: A rare association with literature review. The Egyptian Journal of Chest Diseases and Tuberculosis, 2022, 71, 542.	0.1	0
878	Neurological Complications in COVID-19 Patients: Can Analysis of Specific Antibodies and Viral RNA in Paired Cerebrospinal Fluid and Serum be Used for Accurate Diagnosis of SARS-CoV-2 Neuroinflammatory Disease? A Case Series. BMC Clinical Pathology, 2022, 15, 2632010X2211390.	0.7	0
879	Effect of COVID-19 on Serum Activity of Liver Enzymes: Is This Associated with Severity and Mortality Rate?. Ibnosina Journal of Medicine and Biomedical Sciences, 2022, 14, 086-093.	0.2	0
881	The Role of VV-ECMO in Severe COVID-19 ARDS. , 0, , .		0

#	Article	IF	Citations
882	Formulation, Device, and Clinical Factors Influencing the Targeted Delivery of COVID-19 Vaccines to the Lungs. AAPS PharmSciTech, 2023, 24, .	1.5	2
883	Histopathological pulmonary findings of survivors and autopsy COVID-19 cases: A bi-center study. Medicine (United States), 2022, 101, e32002.	0.4	1
884	Ultrastructural Changes in Autopsy Tissues of COVID-19 Patients. Cureus, 2022, , .	0.2	1
885	Immunomodulatory agents for COVID-19 pneumonia. Clinics in Chest Medicine, 2022, , .	0.8	1
886	Nanomaterials to combat SARS-CoV-2: Strategies to prevent, diagnose and treat COVID-19. Frontiers in Bioengineering and Biotechnology, 0, 10 , .	2.0	3
887	Evaluation of Retinal Vascularity Index in Patients with COVID-19: A Case–Control Study. Ophthalmology and Therapy, 0, , .	1.0	0
888	Liver alterations and detection of SARS-CoV-2 RNA and proteins in COVID-19 autopsies. GeroScience, 2023, 45, 1015-1031.	2.1	5
890	SARS-CoV-2 Spike Protein Induces Hemagglutination: Implications for COVID-19 Morbidities and Therapeutics and for Vaccine Adverse Effects. International Journal of Molecular Sciences, 2022, 23, 15480.	1.8	7
891	Spatial transcriptomic characterization of COVID-19 pneumonitis identifies immune circuits related to tissue injury. JCl Insight, 2023, 8 , .	2.3	13
892	Conservative oxygen supplementation during Helmet CPAP therapy in patients with COVID-19 and respiratory failure: A pilot study. ERJ Open Research, 0, , 00455-2022.	1.1	0
893	Whole patient knowledge modeling of COVID-19 symptomatology reveals common molecular mechanisms. Frontiers in Molecular Medicine, 0, 2, .	0.6	2
894	Current topic of vascular function in hypertension. Hypertension Research, 2023, 46, 630-637.	1.5	4
895	Proinflammatory and Thrombotic Manifestations and the Therapeutic Options of COVID-19. Journal of Global Humanities and Social Sciences, 2023, , 49-78.	0.3	0
896	Liver pathology in COVID-19 related death and leading role of autopsy in the pandemic. World Journal of Gastroenterology, 0, 29, 200-220.	1.4	5
897	Impact of the COVIDâ€19 pandemic on pathological autopsy practices in Japan. Pathology International, 2023, 73, 120-126.	0.6	1
898	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
899	A Review on COVID-19: Primary Receptor, Endothelial Dysfunction, Related Comorbidities, and Therapeutics. , 0, , .		0
900	Risk of thromboembolic events in non-hospitalized COVID-19 patients: A systematic review. European Journal of Pharmacology, 2023, 941, 175501.	1.7	2

#	Article	IF	CITATIONS
901	Autopsy Findings and Inflammatory Markers in SARS-CoV-2: A Single-Center Experience. International Journal of General Medicine, 0, Volume 15, 8743-8753.	0.8	2
903	Pharmacokinetic Study of Intranasal Dexamethasone and Methylprednisolone Compared with Intravenous Administration: Two Open-Label, Single-Dose, Two-Period, Two-Sequence, Cross-Over Study in Healthy Volunteers. Pharmaceutics, 2023, 15, 105.	2.0	5
905	COVID-19: Scientific progress., 2023,, 11-48.		0
906	Coronavirus Pandemics., 2023, , 143-222.		O
907	Microvascular Thrombosis as a Critical Factor in Severe COVID-19. International Journal of Molecular Sciences, 2023, 24, 2492.	1.8	10
908	Post-COVID Interstitial Lung Disease and Other Lung Sequelae. Clinics in Chest Medicine, 2023, 44, 263-277.	0.8	1
909	What can autopsy say about COVID-19? A case series of 60 autopsies. Legal Medicine, 2023, 62, 102241.	0.6	1
910	Mechanically Ventilated Patients With Coronavirus Disease 2019 Had a Higher Chance of In-Hospital Death If Treated With High-Flow Nasal Cannula Oxygen Before Intubation. Anesthesia and Analgesia, 2023, 136, 692-698.	1.1	3
911	Lung Injury in COVID-19 Has Pulmonary Edema as an Important Component and Treatment with Furosemide and Negative Fluid Balance (NEGBAL) Decreases Mortality. Journal of Clinical Medicine, 2023, 12, 1542.	1.0	1
913	Dissecting Phenotype from Genotype with Clinical Isolates of SARS-CoV-2 First Wave Variants. Viruses, 2023, 15, 611.	1.5	1
914	Postmortem Histopathologic Findings and SARS-CoV-2 Detection in Autopsy Kidneys of Patients With COVID-19: A Systematic Review and Meta-Analysis. American Journal of Clinical Pathology, 0, , .	0.4	2
915	Associations between Coronavirus and Immune Response, Cardiorespiratory Fitness Rehabilitation and Physical Activity: A Brief Report. International Journal of Environmental Research and Public Health, 2023, 20, 4651.	1.2	0
916	A Systematic Review of Lung Autopsy Findings in Elderly Patients after SARS-CoV-2 Infection. Journal of Clinical Medicine, 2023, 12, 2070.	1.0	7
917	COVID-19 and Pulmonary Angiogenesis: The Possible Role of Hypoxia and Hyperinflammation in the Overexpression of Proteins Involved in Alveolar Vascular Dysfunction. Viruses, 2023, 15, 706.	1.5	5
919	Mechanisms of COVID-19 Associated Pulmonary Thrombosis: A Narrative Review. Biomedicines, 2023, 11, 929.	1.4	0
920	Postmortem lung and heart examination of COVID-19 patients in a case series from Jordan. Journal of Pathology and Translational Medicine, 2023, 57, 102-112.	0.4	0
921	Rivaroxabana em Pacientes Ambulatoriais com COVID-19 Leve ou Moderada: Fundamentação e Desenho do Estudo CARE (CARE – Coalition COVID-19 Brazil VIII). Arquivos Brasileiros De Cardiologia, 2023, 120, .	0.3	1
922	Regulation of Epithelial Sodium Transport by SARS-CoV-2 Is Closely Related with Fibrinolytic System-Associated Proteins. Biomolecules, 2023, 13, 578.	1.8	0

#	Article	IF	CITATIONS
923	Cellular and molecular features of COVID-19 associated ARDS: the rapeutic relevance. Journal of Inflammation, 2023, 20, .	1.5	2
924	Viruses and amyloids - a vicious liaison. Prion, 2023, 17, 82-104.	0.9	5
925	Multiplatform analyses reveal distinct drivers of systemic pathogenesis in adult versus pediatric severe acute COVID-19. Nature Communications, 2023, 14, .	5.8	9
926	Revisiting the COVID-19 Pandemic: An Insight into Long-Term Post-COVID Complications and Repurposing of Drugs. Covid, 2023, 3, 494-519.	0.7	1
927	The Prevalence of SARS-CoV-2 in Autopsies Surrounding the Time of Pandemic Onset: A Retrospective Review of Cases. Archives of Pathology and Laboratory Medicine, 2023, , .	1.2	0
928	Post COVID Interstitial Lung Abnormalities—Incidence and Management. Current Pulmonology Reports, 2023, 12, 64-69.	0.5	1
929	Ongoing Uncertainties in Bleeding and Clotting Complications in Patients With COVID-19*. Critical Care Medicine, 2023, 51, 688-691.	0.4	0
930	POSSIBILITIES OF USING MEDICINES AND BIOLOGICALLY ACTIVE SUBSTANCES AS CORRECTIVES FOR THE FORMATION OF PULMONARY FIBROSIS DURING SARS-COV-2 INFECTION AND IN THE POST-COVID PERIOD. Eurasian Journal of Applied Biotechnology, 2023, , 3-26.	0.0	0
931	Vasculitis Mimics and Other Related Conditions. Rheumatic Disease Clinics of North America, 2023, , .	0.8	0
932	Local Complement Contributes to Pathogenic Activation of Lung Endothelial Cells in SARS-CoV-2 Infection. American Journal of Respiratory Cell and Molecular Biology, 2023, 69, 210-219.	1.4	3
933	Long-Term effects of COVID-19: a review of current perspectives and mechanistic insights. Critical Reviews in Microbiology, $0, 1-14$.	2.7	6
934	Glutamine Deficiency Promotes Immune and Endothelial Cell Dysfunction in COVID-19. International Journal of Molecular Sciences, 2023, 24, 7593.	1.8	2
942	Medical Perspective on COVID-19. Contributions To Economics, 2023, , 15-103.	0.2	0
971	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
981	Using autopsies to dissect COVID-19 pathogenesis. Nature Microbiology, 2023, 8, 1986-1994.	5.9	3
997	Case Report: Gene expression profiling of COVID-19 vaccination-related lymphadenopathies reveals evidence of a dominantly extrafollicular immune response. Frontiers in Immunology, 0, 14, .	2.2	0
1011	Immunomodulatory therapeutic potential of mesenchymal stem cells in COVID-19 pathogenesis. , 2024, , 343-352.		0
1014	Severe pediatric COVID-19: a review from the clinical and immunopathophysiological perspectives. World Journal of Pediatrics, 0, , .	0.8	0

#	Article	IF	CITATIONS
1020	Custom YOLOV4 object detection model for COVID-19 diagnosis and cell counting. AIP Conference Proceedings, 2024, , .	0.3	0