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2215	Novel 2019-coronavirus on new year's Eve. 2019 , 37, 459-477		12
2214	Discordance Between Radiologic Findings and Molecular Testing in Patients With Underlying Hematologic Malignancy and Coronavirus Disease 2019. 2020 , 7, ofaa372		
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2212	Preventive Efficacy of Tenofovir/Emtricitabine Against Severe Acute Respiratory Syndrome Coronavirus 2 Among Pre-Exposure Prophylaxis Users. 2020 , 7, ofaa455		24
2211	Early Identification of IgA Anti-SARSCoV-2 in Milk of Mother With COVID-19 Infection. 2020 , 36, 609-61	3	28
22 10	Genetics of Severe Acute Respiratory Syndrome Coronavirus-2 and Diagnosis of Coronavirus Disease-2019: An Overview. 2020 , 22, 236-247		О
2209	Actualizacifi de la Declaracifi de consenso en medicina critica para la atencifi multidisciplinaria del paciente con sospecha o confirmacifi diagnfitica de COVID-19. 2020 , 20, 1-112		2
2208	BCG epidemiology supports its protection against COVID-19? A word of caution. 2020 , 15, e0240203		14
2207	Author response to: Comment on: Abdominal fluid samples (negative for SARS-CoV-2) from a critically unwell patient with respiratory COVID-19. 2020 , 107, e624		1
2206	A Lung Cancer Patient with Dyspnea: Diagnostic Difficulties during the COVID-19 Pandemic. 2020 , 38, 611-612		2
2205	Testing for Severe Acute Respiratory Syndrome-Coronavirus 2: Challenges in Getting Good Specimens, Choosing the Right Test, and Interpreting the Results. 2020 , 48, 1680-1689		12
2204	Application, Verification, and Implementation of SARS-CoV-2 Serologic Assays with Emergency Use Authorization. 2020 , 59,		15
2203	Municipal Sewage COVID-19 Testing: A Much Needed Public Health Community Prevention Intervention. 2020 , 86, 1518-1519		2
2202	Does SARS-CoV-2 reach peritoneal effluent?. 2020 , 40, 520-521		6
2201	Assessing the Impact of a Training Initiative for Nasopharyngeal and Oropharyngeal Swabbing for COVID-19 Testing. 2020 , 4, 2473974X20953094		3
2200	Saliva as an Alternative Specimen for Molecular COVID-19 Testing in Community Settings and Population-Based Screening. 2020 , 13, 3393-3399		34
2199	Characteristics and Prognosis of COVID-19 in Patients with COPD. 2020 , 9,		25

2198	Safety considerations in the bioanalytical laboratories handling specimens from coronavirus disease 2019 patients. 2020 , 12, 1219-1222	1
2197	Effects of COVID-19 on the Nervous System. 2020 , 183, 16-27.e1	268
2196	Surgical Precautions and Algorithmic Decision-Making for Surgical Procedures During the COVID-19 Pandemic. 2020 , 231, 787-789	
2195	Successful recovery of COVID-19-associated recurrent diarrhea and gastrointestinal hemorrhage using convalescent plasma. 2020 , 7, 45	6
2194	An Overview of the Temporal Shedding of SARS-CoV-2 RNA in Clinical Specimens. 2020 , 8, 487	9
2193	Proper Procedures for Performing Nasopharyngeal and Oropharyngeal Swabs for COVID-19. 2020 , 1, 495-497	2
2192	Liver transplantation in Italy in the era of COVID 19: reorganizing critical care of recipients. 2020 , 15, 1507-1515	5
2191	ACE2, TMPRSS2 distribution and extrapulmonary organ injury in patients with COVID-19. 2020 , 131, 110678	98
2190	Are two consecutive negative RT-PCR results enough to rule out COVID-19?. 2020 , 37, 100750	2
2189	COVID-2019 - A comprehensive pathology insight. 2020 , 216, 153222	19
2188	Gut microbiota and old age: Modulating factors and interventions for healthy longevity. 2020 , 141, 111095	28
2187	Gynecologic surgical considerations in the era of COVID-19. 2020 , 44, 151296	3
2186	COVID-19: Significance of antibodies. 2020 , 28, 287-297	13
2185	Virus and chlorine adsorption onto guanidine modified cellulose nanofibers using covalent and hydrogen bonding. 2020 , 498, 108153	8
		O
2184	A Single-Cell RNA Expression Map of Human Coronavirus Entry Factors. 2020 , 32, 108175	118
,	A Single-Cell RNA Expression Map of Human Coronavirus Entry Factors. 2020 , 32, 108175 COVID-19 Control by Computer Vision Approaches: A Survey. 2020 , 8, 179437-179456	51
,		

2180	Molecular Diagnosis of Coronavirus Disease 2019. 2020 , 2, e0184	4
2179	Gastrointestinal involvement of COVID-19 and potential faecal transmission of SARS-CoV-2. 2020 , 21, 749-751	3
2178	Incidence and Persistence of Viral Shedding in COVID-19 Post-acute Patients With Negativized Pharyngeal Swab: A Systematic Review. 2020 , 7, 562	30
2177	Metabolic impact of weight loss induced reduction of adipose ACE-2 - Potential implication in COVID-19 infections?. 2020 , 113, 154401	14
2176	Understand variability of COVID-19 through population and tissue variations in expression of SARS-CoV-2 host genes. 2020 , 21, 100443	12
2175	Documento de consenso de la Sociedad Espa B la de NeumologB y CirugB TorBica (SEPAR) para el seguimiento clBico post-COVID-19. 2020 , 2, 278-283	14
2174	Specific Redistribution of Severe Acute Respiratory Syndrome Coronavirus 2 Variants in the Respiratory System and Intestinal Tract. 2021 , 73, e2814-e2817	6
2173	Harnessing the immune system to overcome cytokine storm and reduce viral load in COVID-19: a review of the phases of illness and therapeutic agents. 2020 , 17, 154	38
2172	Does SARS-CoV-2 Infect the Kidney?. 2020 , 31, 2746-2748	26
2171	Seroprevalence of anti-SARS-CoV-2 antibodies in COVID-19 patients and healthy volunteers up to 6 months post disease onset. 2020 , 50, 2025-2040	111
		111
	months post disease onset. 2020 , 50, 2025-2040	
2170	months post disease onset. 2020 , 50, 2025-2040 Alternative clinical specimens for the detection of SARS-CoV-2: A rapid review. 2021 , 31, e2185 Timeline and Procedures on Restarting Non-Emergent Arthroplasty Care in the US Epicenter of the	13
2170 2169	Months post disease onset. 2020, 50, 2025-2040 Alternative clinical specimens for the detection of SARS-CoV-2: A rapid review. 2021, 31, e2185 Timeline and Procedures on Restarting Non-Emergent Arthroplasty Care in the US Epicenter of the COVID-19 Pandemic. 2020, 1-7	13
2170 2169 2168	Malternative clinical specimens for the detection of SARS-CoV-2: A rapid review. 2021, 31, e2185 Timeline and Procedures on Restarting Non-Emergent Arthroplasty Care in the US Epicenter of the COVID-19 Pandemic. 2020, 1-7 Strategies and Advances in Combating COVID-19 in China. 2020, 6, 1076-1084 Stidrome inflamatorio multisistatico en nias con COVID-19: una visita desde la reumatologa. 2020, 28, 289-289	13
2170 2169 2168 2167	Malternative clinical specimens for the detection of SARS-CoV-2: A rapid review. 2021, 31, e2185 Timeline and Procedures on Restarting Non-Emergent Arthroplasty Care in the US Epicenter of the COVID-19 Pandemic. 2020, 1-7 Strategies and Advances in Combating COVID-19 in China. 2020, 6, 1076-1084 Stildrome inflamatorio multisistinico en nibs con COVID-19: una visiti desde la reumatologi. 2020, 28, 289-289	13 2 8
2170 2169 2168 2167 2166	Months post disease onset. 2020, 50, 2025-2040 Alternative clinical specimens for the detection of SARS-CoV-2: A rapid review. 2021, 31, e2185 Timeline and Procedures on Restarting Non-Emergent Arthroplasty Care in the US Epicenter of the COVID-19 Pandemic. 2020, 1-7 Strategies and Advances in Combating COVID-19 in China. 2020, 6, 1076-1084 Stidrome inflamatorio multisistinico en nitio con COVID-19: una visiti desde la reumatologi. 2020, 28, 289-289 COVID-19 in a patient with a flare of systemic lupus erythematosus: A rare case-report. 2020, 31, 101252 Serology assessment of antibody response to SARS-CoV-2 in patients with COVID-19 by rapid	13 2 8

2162	Bibliometric Analysis of Early COVID-19 Research: The Top 50 Cited Papers. 2020 , 13, 1178633720962935	16
2161	Risk factors for the critical illness in SARS-CoV-2 infection: a multicenter retrospective cohort study. 2020 , 21, 277	6
2160	The Role of the Ocular Tissue in SARS-CoV-2 Transmission. 2020 , 14, 3017-3024	12
2159	Home Sample Self-Collection for COVID-19 Patients. 2020 , 4, e2000150	6
2158	Potential secondary transmission of SARS-CoV-2 via wastewater. 2020 , 749, 142358	25
2157	Unusual Cardiac Presentation of COVID-19 and Use of Convalescent Plasma. 2020 , 2020, 8863195	1
2156	Chest CT-scan finding of asymptomatic COVID-19 pneumonia: a prospective 542 patients' single center study. 2020 , 36, 257	0
2155	Routine screening for SARS CoV-2 in unselected pregnant women at delivery. 2020 , 15, e0239887	20
2154	COVID-19 risk assessment and safety management operational guidelines for IVF center reopening. 2020 , 37, 2669-2686	3
2153	COVID-19 and the Radiology Department: What We Know So Far. 2020 , 2, 1-7	4
2153 2152	COVID-19 and the Radiology Department: What We Know So Far. 2020 , 2, 1-7 Low prevalence of SARS-CoV-2 in plasma of COVID-19 patients presenting to the emergency department. 2020 , 133, 104655	5
	Low prevalence of SARS-CoV-2 in plasma of COVID-19 patients presenting to the emergency department. 2020 , 133, 104655	
2152	Low prevalence of SARS-CoV-2 in plasma of COVID-19 patients presenting to the emergency department. 2020 , 133, 104655	5
2152	Low prevalence of SARS-CoV-2 in plasma of COVID-19 patients presenting to the emergency department. 2020 , 133, 104655 A simple RNA preparation method for SARS-CoV-2 detection by RT-qPCR. 2020 , 10, 16608 The global impact of COVID-19 on gastrointestinal endoscopy units: An international survey of	5
2152 2151 2150	Low prevalence of SARS-CoV-2 in plasma of COVID-19 patients presenting to the emergency department. 2020, 133, 104655 A simple RNA preparation method for SARS-CoV-2 detection by RT-qPCR. 2020, 10, 16608 The global impact of COVID-19 on gastrointestinal endoscopy units: An international survey of endoscopists. 2020, 21, 156-161 Heterogeneous expression of the SARS-Coronavirus-2 receptor ACE2 in the human respiratory tract. 2020, 60, 102976	5 27 20
2152 2151 2150 2149 2148	Low prevalence of SARS-CoV-2 in plasma of COVID-19 patients presenting to the emergency department. 2020, 133, 104655 A simple RNA preparation method for SARS-CoV-2 detection by RT-qPCR. 2020, 10, 16608 The global impact of COVID-19 on gastrointestinal endoscopy units: An international survey of endoscopists. 2020, 21, 156-161 Heterogeneous expression of the SARS-Coronavirus-2 receptor ACE2 in the human respiratory tract. 2020, 60, 102976	5 27 20 94
2152 2151 2150 2149 2148	Low prevalence of SARS-CoV-2 in plasma of COVID-19 patients presenting to the emergency department. 2020, 133, 104655 A simple RNA preparation method for SARS-CoV-2 detection by RT-qPCR. 2020, 10, 16608 The global impact of COVID-19 on gastrointestinal endoscopy units: An international survey of endoscopists. 2020, 21, 156-161 Heterogeneous expression of the SARS-Coronavirus-2 receptor ACE2 in the human respiratory tract. 2020, 60, 102976 Review of chest CT manifestations of COVID-19 infection. 2020, 7, 100239	5 27 20 94 29

2144	Post-lockdown detection of SARS-CoV-2 RNA in the wastewater of Montpellier, France. 2020 , 10, 100157	64
2143	Direct Clinical Evidence Recommending the Use of Proteinase K or Dithiothreitol to Pretreat Sputum for Detection of SARS-CoV-2. 2020 , 7, 549860	9
2142	Re-positive coronavirus disease 2019 PCR test: could it be a reinfection?. 2020 , 37, 100748	32
2141	Detected SARS-CoV-2 in Ascitic Fluid Followed by Cryptococcemia: a Case Report. 2020 , 2, 1-5	23
2140	A compromised specific humoral immune response against the SARS-CoV-2 receptor-binding domain is related to viral persistence and periodic shedding in the gastrointestinal tract. 2020 , 17, 1119-1125	25
2139	The potential of lactoferrin, ovotransferrin and lysozyme as antiviral and immune-modulating agents in COVID-19. 2020 , 15, 609-624	13
2138	Nanoparticles-assisted delivery of antiviral-siRNA as inhalable treatment for human respiratory viruses: A candidate approach against SARS-COV-2. 2020 , 1, 612	6
2137	Incidence and outcomes of healthcare-associated COVID-19 infections: significance of delayed diagnosis and correlation with staff absence. 2020 , 106, 663-672	9
2136	Assessing the risk of viral infection from gases and plumes during intra-abdominal surgery: a systematic scoping review. 2020 , 90, 1857-1862	0
2135	Evidence-based management of COVID-19 in cancer patients: Guideline by the Infectious Diseases Working Party (AGIHO) of the German Society for Haematology and Medical Oncology (DGHO). 2020 , 140, 86-104	14
2134	Role of angiotensin-converting enzyme 2 and pericytes in cardiac complications of COVID-19 infection. 2020 , 319, H1059-H1068	13
2133	A How-to Guide to Building a Robust SARS-CoV-2 Testing Program at a University-Based Health System. 2020 , 7, 2374289520958200	2
2132	SARS-CoV-2 Entry Factors: and Are Expressed in Peri-Implantation Embryos and the Maternal-Fetal Interface. 2020 , 6, 1162-1169	15
2131	Fertility preservation during the COVID-19 pandemic: mitigating the viral contamination risk to reproductive cells in cryostorage. 2020 , 41, 991-997	5
2130	Co-infection of SARS-CoV-2 and in a young man with idiopathic non-cystic bronchiectasis and vitamin D deficiency. 2020 , 31, 101203	3
2129	Molecular and serological characterization of SARS-CoV-2 infection among COVID-19 patients. 2020 , 551, 26-35	11
2128	Temporal Detection and Phylogenetic Assessment of SARS-CoV-2 in Municipal Wastewater. 2020 , 1, 100098	245
2127	Combined Point-of-Care Nucleic Acid and Antibody Testing for SARS-CoV-2 following Emergence of D614G Spike Variant. 2020 , 1, 100099	40

COVID-19. 2020 , 38, 579-580	1
Rapid and inexpensive whole-genome sequencing of SARS-CoV-2 using 1200 bp tiled amplicons and Oxford Nanopore Rapid Barcoding. 2020 , 5, bpaa014	61
Ventricular tachycardia storm management in a COVID-19 patient: a case report. 2020 , 4, 1-6	15
Inflammatory Bowel Diseases in Egypt During the COVID-19 Pandemic. 2020 , 26, 1771-1778	O
Heat Inactivation of Saliva Samples for the Analysis of Cortisol and Cortisone during the COVID-19 Pandemic. 2020 , 5, 1413-1416	2
Depicting SARS-CoV-2 faecal viral activity in association with gut microbiota composition in patients with COVID-19. 2021 , 70, 276-284	180
Viral Coagulopathy in Patients With COVID-19: Treatment and Care. 2020, 26, 1076029620936776	40
False-negative RT-PCR in SARS-CoV-2 disease: experience from an Italian COVID-19 unit. 2020 , 6,	27
Distribution of SARS-CoV-2 PCR Cycle Threshold Values Provide Practical Insight Into Overall and Target-Specific Sensitivity Among Symptomatic Patients. 2020 , 154, 479-485	42
Environmental Sampling for Severe Acute Respiratory Syndrome Coronavirus 2 During a COVID-19 Outbreak on the Diamond Princess Cruise Ship. 2020 , 222, 1098-1102	37
. 2020 , 8, 132665-132676	431
Deep-COVID: Predicting COVID-19 from chest X-ray images using deep transfer learning. 2020 , 65, 101794	341
A systematic review of viral transmission risk to healthcare staff comparing laparoscopic and open surgery. 2020 , 18, e72-e77	2
Review of Viral Testing (Polymerase Chain Reaction) and Antibody/Serology Testing for Severe Acute Respiratory Syndrome-Coronavirus-2 for the Intensivist. 2020 , 2, e0154	12
Strategies and recommendations for the management of gastrointestinal surgery during the COVID-19 pandemic: experience shared by Chinese surgeons. 2020 , 8, 167-174	6
No evidence of SARS-CoV-2 RNA among blood donors: A multicenter study in Hubei, China. 2020 , 60, 2038-2046	18
Intranasal Antiviral Drug Delivery and Coronavirus Disease 2019 (COVID-19): A State of the Art Review. 2020 , 163, 682-694	23
Role of angiotensin-converting enzyme 2 (ACE2) in COVID-19. 2020 , 24, 422	378
	Rapid and inexpensive whole-genome sequencing of SARS-CoV-2 using 1200 bp tiled amplicons and Oxford Nanopore Rapid Barcoding. 2020, 5, bpaa014 Ventricular tachycardia storm management in a COVID-19 patient: a case report. 2020, 4, 1-6 Inflammatory Bowel Diseases in Egypt During the COVID-19 Pandemic. 2020, 26, 1771-1778 Heat Inactivation of Saliva Samples for the Analysis of Cortisol and Cortisone during the COVID-19 Pandemic. 2020, 5, 1413-1416 Depicting SARS-CoV-2 faecal viral activity in association with gut microbiota composition in patients with COVID-19. 2021, 70, 276-284 Viral Coagulopathy in Patients With COVID-19: Treatment and Care. 2020, 26, 1076029620936776 False-negative RT-PCR in SARS-CoV-2 disease: experience from an Italian COVID-19 unit. 2020, 6, Distribution of SARS-CoV-2 PCR Cycle Threshold Values Provide Practical Insight Into Overall and Target-Specific Sensitivity Among Symptomatic Patients. 2020, 154, 479-485 Environmental Sampling for Severe Acute Respiratory Syndrome Coronavirus 2 During a COVID-19 Outbreak on the Diamond Princess Cruise Ship. 2020, 222, 1098-1102 . 2020, 8, 132665-132676 Deep-COVID: Predicting COVID-19 from chest X-ray images using deep transfer learning. 2020, 65, 101794 A systematic review of viral transmission risk to healthcare staff comparing laparoscopic and open surgery. 2020, 18, e72-e77 Review of Viral Testing (Polymerase Chain Reaction) and Antibody/Serology Testing for Severe Acute Respiratory Syndrome-Coronavirus-2 for the Intensivist. 2020, 2, e0154 Strategies and recommendations for the management of gastrointestinal surgery during the COVID-19 pandemic: experience shared by Chinese surgeons. 2020, 8, 167-174 No evidence of SARS-CoV-2 RNA among blood donors: A multicenter study in Hubei, China. 2020, 60, 2038-2046 Intranasal Antiviral Drug Delivery and Coronavirus Disease 2019 (COVID-19): A State of the Art Review. 2020, 163, 682-694

2108	Minireview of progress in the structural study of SARS-CoV-2 proteins. 2020 , 1, 53-61	23
2107	Perioperative management of COVID-19 patients undergoing cardiac surgery with cardiopulmonary bypass. 2020 , 35, 465-473	5
2106	Implications of COVID-19 on urological laparoscopic surgery. 2020 , 16, 1941-1945	3
2105	COVID-19: Review and hematologic impact. 2020 , 510, 170-176	26
2104	Comparison of deep learning approaches to predict COVID-19 infection. 2020 , 140, 110120	95
2103	COVID-19: What are the challenges for NHS surgery?. 2020 , 57, 100856	14
2102	High Thrombus Burden in Patients With COVID-19 Presenting With ST-Segment Elevation Myocardial Infarction. 2020 , 76, 1168-1176	116
2101	COVID-19 in a patient with active tuberculosis: A rare case-report. 2020 , 31, 101146	16
2100	Diagnostic techniques for COVID-19 and new developments. 2020 , 220, 121392	66
2099	Making waves: Wastewater surveillance of SARS-CoV-2 for population-based health management. 2020 , 184, 116181	80
2098	Shared sanitation and the spread of COVID-19: risks and next steps. 2020 , 4, e173	25
2097	COVID-19 and Rhabdomyolysis. 2020 , 35, 3087-3090	14
2096	Histopathology and ultrastructural findings of fatal COVID-19 infections in Washington State: a case series. 2020 , 396, 320-332	446
2095	Personal protective equipment and evidence-based advice for surgical departments during COVID-19. 2020 , 90, 1566-1572	14
2094	Viropathic multinuclear syncytial giant cells in bronchial fluid from a patient with COVID-19. 2020 , 73, 607-608	7
2093	SARS-CoV-2 induces transcriptional signatures in human lung epithelial cells that promote lung fibrosis. 2020 , 21, 182	75
2092	Histopathologic and Ultrastructural Findings in Postmortem Kidney Biopsy Material in 12 Patients with AKI and COVID-19. 2020 , 31, 1944-1947	79
2091	Recommendations of the Working Groups from the Spanish Society of Intensive and Critical Care Medicine and Coronary Units (SEMICYUC) for the management of adult critically ill patients in the coronavirus disease (COVID-19). 2020 , 44, 371-388	3

2090	SARS-CoV-2 in the environment: Modes of transmission, early detection and potential role of pollutions. 2020 , 744, 140946	70
2089	Loss of smell and taste: a new marker of COVID-19? Tracking reduced sense of smell during the coronavirus pandemic using search trends. 2020 , 18, 1165-1170	20
2088	Rapid inactivation of SARS-CoV-2 with deep-UV LED irradiation. 2020 , 9, 1744-1747	123
2087	The epidemiology and therapeutic options for the COVID-19. 2020 , 3, 71-84	7
2086	Considerations for Pediatric Heart Programs During COVID-19: Recommendations From the Congenital Cardiac Anesthesia Society. 2020 , 131, 403-409	6
2085	A new threat from an old enemy: Re-emergence of coronavirus (Review). 2020 , 45, 1631-1643	137
2084	Gene expression and protein profiling of candidate SARS-CoV-2 receptors in human airway epithelial cells and lung tissue. 2020 , 56,	93
2083	Added value of chest computed tomography in suspected COVID-19: an analysis of 239 patients. 2020 , 56,	14
2082	Longer Duration of SARS-CoV-2 Infection in a Case of Mild COVID-19 With Weak Production of the Specific IgM and IgG Antibodies. 2020 , 11, 1936	8
2081	VariplexItest system fails to reliably detect SARS-CoV-2 directly from respiratory samples without RNA extraction. 2020 , 39, 2373-2377	10
2080	COVID-19 as part of the hyperferritinemic syndromes: the role of iron depletion therapy. 2020 , 68, 213-224	90
2079	Correlation between Chest Computed Tomography and Lung Ultrasonography in Patients with Coronavirus Disease 2019 (COVID-19). 2020 , 46, 2918-2926	67
2078	Infectious SARS-CoV-2 in Feces of Patient with Severe COVID-19. 2020 , 26, 1920-1922	287
2077	The Anatomic Pathology laboratory adjustments in the era of COVID-19 pandemic: The experience of a laboratory in a Portuguese central hospital. 2020 , 48, 151560	5
2076	Acute peritoneal dialysis in the treatment of COVID-19-related acute kidney injury. 2020 , 13, 269-273	8
2075	Rapid Large-Scale COVID-19 Testing During Shortages. 2020 , 10,	14
2074	Appearances Can Be Deceiving - Viral-like Inclusions in COVID-19 Negative Renal Biopsies by Electron Microscopy 2020 , 1, 824-828	11
2073	Coronavirus Disease-19: An Interim Evidence Synthesis of the World Association for Infectious Diseases and Immunological Disorders (Waidid). 2020 , 7, 572485	10

2072 Differentiation of COVID-19 Pneumonitis and ICI Induced Pneumonitis. 2020 , 10, 577696	8
2071 Clinical Features and Pathogenic Mechanisms of Gastrointestinal Injury in COVID-19. 2020 , 9,	8
2070 SARS-CoV-2 in semen: Potential for sexual transmission in COVID-19. 2020 , 84, 156-158	7
A new parameter in COVID-19 pandemic: initial lactate dehydrogenase (LDH)/Lymphocyte ratio for diagnosis and mortality. 2020 , 13, 1664-1670	9
Upper airway gene expression reveals suppressed immune responses to SARS-CoV-2 compared with other respiratory viruses. 2020 , 11, 5854	57
Optimization of Patient Management During the COVID-19 Pandemic: Chest CT Scan and PCR as Gatekeepers of the Radiation Therapy Workflow. 2020 , 10, 556334	2
Coronavirus Disease 2019 (COVID-19) in a Patient with Disseminated Histoplasmosis and HIV-A Case Report from Argentina and Literature Review. 2020 , 6,	20
2065 COVID-19 anxiety scale (CAS): Development and psychometric properties. 2020 , 1-10	25
A serological assay to detect SARS-CoV-2 antibodies in at-home collected finger-prick dried blood spots. 2020 , 10, 20188	22
2063 Repeat cesarean section in a COVID-19 positive mother in the United States. 2020 , 8, 2050313X20945	5536 1
CCBlock: an effective use of deep learning for automatic diagnosis of COVID-19 using X-ray images. 2020 , 1	5
Recommendations for stool donor selection for fecal microbiota transplant. Consensus document endorsed by the Catalan Society of Digestology, Catalan Society of Infectious diseases and Clinical microbiology and the GEMBIOTA group from Spanish Society of Infectious Diseases and Clinical	O
2060 Clinical characteristics of confirmed COVID-19 in newborns: a systematic review. 2020 , 1-12	9
2059 Breastfeeding, Human Milk and COVID-19-What Does the Evidence Say?. 2020 , 8, 613339	5
Undetectable SARS-CoV-2 in a nasopharyngeal swab but persistent viral RNA from deep lung swabs: findings from an autopsy. 2020 , 13,	8
Insights of COVID-19 pandemic impact on anesthetic management for patients undergoing cancer surgery in the National Cancer Institute, Egypt. 2020 , 12,	1
2056 Sensitive Detection of SARS-CoV-2-Specific Antibodies in Dried Blood Spot Samples. 2020 , 26, 2970-2	973 37
2055 An Update on Molecular Diagnostics for COVID-19. 2020 , 10, 560616	40

2054	Impact of Gastrointestinal Symptoms in COVID-19: a Molecular Approach. 2020 , 2, 1-12	10
2053	COVID-19 and Gastrointestinal Tract Symptoms: Recognition, Containment, and Learning From the Past. 2020 , 95, 2320-2324	6
2052	Gastrointestinal pathophysiology of SARS-CoV2 - a literature review. 2020 , 10, 523-528	15
2051	Modeling Multi-organ Infection by SARS-CoV-2 Using Stem Cell Technology. 2020 , 27, 859-868	11
2050	Contribution of CT Features in the Diagnosis of COVID-19. 2020 , 2020, 1237418	8
2049	Clinical and radiographic characteristics, management and short-term outcomes of patients with COVID-19 in Wenzhou, China. 2020 , 20, 841	4
2048	Laboratory Diagnosis and Monitoring the Viral Shedding of SARS-CoV-2 Infection. 2020 , 1, 100061	85
2047	Personal protective equipment in the paediatric emergency department during the COVID-19 pandemic: Estimating requirements based on staff numbers and patient presentations. 2020 , 32, 1046-1051	1
2046	Diagnostic accuracy of X-ray versus CT in COVID-19: a propensity-matched database study. 2020 , 10, e042946	46
2045	Antibody Profiles According to Mild or Severe SARS-CoV-2 Infection, Atlanta, Georgia, USA, 2020. 2020 , 26, 2974-2978	26
2044	COVID-19 Pandemic and Pregnancy in Kidney Disease. 2020 , 27, 397-403	3
2043	Prevalence of readily detected amyloid blood clots in 'unclotted' Type 2 Diabetes Mellitus and COVID-19 plasma: a preliminary report. 2020 , 19, 193	12
2042	Recommendations for the Diagnosis, Prevention, and Control of Coronavirus Disease-19 in Children-The Chinese Perspectives. 2020 , 8, 553394	15
2041	Rapid and label-free detection of COVID-19 using coherent anti-Stokes Raman scattering microscopy. 2020 , 10, 566-572	7
2040	COVID-CheXNet: hybrid deep learning framework for identifying COVID-19 virus in chest X-rays images. 2020 , 1-16	46
2039	COVID-19-Associated Guillain-Barre Syndrome: Atypical Para-infectious Profile, Symptom Overlap, and Increased Risk of Severe Neurological Complications. 2020 , 2, 1-13	14
2038	Pre-Hematopoietic Stem Cell Transplantation Lung Computed Tomography as an Alternative to the Pulmonary Function Test during the COVID-19 Pandemic. 2020 , 26, 2318-2322	1
2037	Donacifi y trasplante de Eganos en medio de la pandemia COVID-19: Consecuencias y retos para un pati emergente. 2020 , 29, 168-173	1

2036	Ocular Involvement in Coronavirus Disease 2019: Up-to-Date Information on Its Manifestation, Testing, Transmission, and Prevention. 2020 , 7, 569126	6
2035	Role of Inflammation in Virus Pathogenesis during Pregnancy. 2020 , 95,	7
2034	Prevalence of COVID-19 Diagnostic Output with Chest Computed Tomography: A Systematic Review and Meta-Analysis. 2020 , 10,	2
2033	Comparing and Contrasting MERS, SARS-CoV, and SARS-CoV-2: Prevention, Transmission, Management, and Vaccine Development. 2020 , 9,	О
2032	SARS-CoV-2 Isolation From Ocular Secretions of a Patient With COVID-19 in Italy With Prolonged Viral RNA Detection. 2020 , 173, 242-243	200
2031	Serodiagnostics for Severe Acute Respiratory Syndrome-Related Coronavirus 2 : A Narrative Review. 2020 , 173, 450-460	81
2030	Necessity for detection of SARS-CoV-2 RNA in multiple types of specimens for the discharge of the patients with COVID-19. 2020 , 18, 411	14
2029	Making sense of a negative COVID-19 swab test. 2020 , 10, 2212-2214	3
2028	Lesili renal aguda en COVID-19: puesta al de y revisili de la literatura. 2020 ,	О
2027	The Interpretation of SARS-CoV-2 Diagnostic Tests. 2020 , 1, 78-89	15
2026	Guillain-Barr syndrome and COVID-19: association or coincidence. 2020 , 13,	11
2025	Comprehensive Literature Review and Evidence evaluation of Experimental Treatment in COVID 19 Contagion 2020 , 14, 1179548420964140	3
2024	Long-Term SARS-CoV-2 Infection Associated with Viral Dissemination in Different Body Fluids Including Bile in Two Patients with Acute Cholecystitis. 2020 , 10,	6
2023	Reliability of real-time RT-PCR tests to detect SARS-Cov-2: A literature review. 2020 , 11, 13	7
2022	Clinical recommendations for in-hospital airway management during aerosol-transmitting procedures in the setting of a viral pandemic. 2021 , 35, 333-349	4
2021	COVID-19 Infection and Its Influence in Otorhinolaryngology-Head and Neck Surgery. 2020 , 24, e527-e534	3
2020	Mortality analysis of COVID-19 infection in chronic kidney disease, haemodialysis and renal transplant patients compared with patients without kidney disease: a nationwide analysis from Turkey. 2020 , 35, 2083-2095	52
2019	Best Practices in Managing Cardiac Arrest in the Emergency Department During the COVID-19 Pandemic. 2020 , 95, 2704-2708	1

2018	reality? The PEP-CQ Study. 2020 , 56, 106224	5
2017	Attitudes and precaution practices towards COVID-19 among pregnant women in Singapore: a cross-sectional survey. 2020 , 20, 675	13
2016	Case Report: A Nasopharyngeal Cancer Patient Got COVID-19 During Radiochemotherapy in Wuhan. 2020 , 10, 1755	2
2015	SARS-CoV-2-Positive Sputum and Feces After Conversion of Pharyngeal Samples in Patients With COVID-19. 2020 , 172, 832-834	137
2014	Diagnostic Testing for Severe Acute Respiratory Syndrome-Related Coronavirus 2: A Narrative Review. 2020 , 172, 726-734	370
2013	Sexual Health in the SARS-CoV-2 Era. 2020 , 173, 387-389	39
2012	Sewage surveillance system using urological wastewater: Key to COVID-19 monitoring?. 2020 ,	3
2011	Comparison of chest X-ray interpretation by Emergency Department clinicians and radiologists in suspected COVID-19 infection: a retrospective cohort study. 2020 , 2, 20200020	3
2010	COVID-Net: a tailored deep convolutional neural network design for detection of COVID-19 cases from chest X-ray images. 2020 , 10, 19549	940
2009	Evaluation of Scalability and Degree of Fine-Tuning of Deep Convolutional Neural Networks for COVID-19 Screening on Chest X-ray Images Using Explainable Deep-Learning Algorithm. 2020 , 10,	15
2008	Detection of SARS-CoV-2 antibodies is insufficient for the diagnosis of active or cured COVID-19. 2020 , 10, 19893	17
2007	E-Cigarette or Vaping Product Use-Associated Lung Injury (EVALI) Mimicking COVID-19 Disease. 2020 , 2020, 8821289	6
2006	Cardiac damage in patients with the severe type of coronavirus disease 2019 (COVID-19). 2020 , 20, 479	6
2005	Limited role for bronchoalveolar lavage to exclude COVID-19 after negative upper respiratory tract swabs: a multicentre study. 2020 , 56,	36
2004	A modular microarray imaging system for highly specific COVID-19 antibody testing. 2020 , 20, 3302-3309	21
2003	Vertical Transmission of SARS-CoV-2 (COVID-19): Are Hypotheses More than Evidences?. 2020 , 37, S31-S38	28
2002	The COVID-19 pandemic: A community approach. 2020 , 34, e14059	7
2001	Identification of COVID-19 samples from chest X-Ray images using deep learning: A comparison of transfer learning approaches. 2020 , 28, 821-839	63

2000	Prolonged social lockdown during COVID-19 pandemic and hip fracture epidemiology. 2020 , 44, 1887-1895	30
1999	Understanding air and water borne transmission and survival of coronavirus: Insights and way forward for SARS-CoV-2. 2020 , 749, 141486	30
1998	SARS-CoV-2 infection in China-Before the pandemic. 2020 , 14, e0008472	5
1997	Current diagnostic tools for coronaviruses-From laboratory diagnosis to POC diagnosis for COVID-19. 2020 , 5, e10177	17
1996	Navigating the Diagnostics of COVID-19. 2020 , 2, 1-8	10
1995	Bayes' theorem, COVID19, and screening tests. 2020 , 38, 2011-2013	4
1994	Blood Banking and Transfusion Medicine Challenges During the COVID-19 Pandemic. 2020 , 40, 587-601	25
1993	Search for asymptomatic carriers of SARS-CoV-2 in healthcare workers during the pandemic: a Spanish experience. 2020 ,	20
1992	Screening and testing for COVID-19 before surgery. 2020 , 90, 1845-1856	23
1991	Continuous on-body sensing for the COVID-19 pandemic: Gaps and opportunities. 2020 , 6,	80
1990	Transplantation during the COVID-19 pandemic: nothing noble is accomplished without danger. 2020 , 20, 259	6
1989	An analysis of SARS-CoV-2 cell entry genes identifies the intestine and colorectal cancer as susceptible tissues. 2020 , 107, e452-e454	2
1988	COVID-19 respiratory support in the emergency department setting. 2020 , 38, 2160-2168	5
1987	Flatus: An aerosol generating concern during the COVID-19 pandemic. 2020 , 107, e465	
1986	Bronchoscopic procedures during COVID-19 pandemic: Experiences in Turkey. 2020 , 122, 1020-1026	3
1985	SARS-CoV-2 and the next generations: which impact on reproductive tissues?. 2020 , 37, 2399-2403	23
1984	Development and validation of a prediction model for severe respiratory failure in hospitalized patients with SARS-CoV-2 infection: a multicentre cohort study (PREDI-CO study). 2020 , 26, 1545-1553	43
1983	Saliva sampling for diagnosing SARS-CoV-2 infections in symptomatic patients and asymptomatic carriers. 2020 , 130, 104580	40

1982	Resumption of laser/IPL skin services post COVID-19 lockdown-British Medical Laser Association (BMLA) guidance document. 2020 , 35, 2069-2073	7
1981	Coronavirus Disease 2019 (COVID-19) and Neurosurgery Residency Action Plan: An Institutional Experience from the United States. 2020 , 143, e172-e178	9
1980	Measures to Limit COVID-19 Outbreak Effects Among Military Personnel: Preliminary Data. 2020 , 185, e1624-e1631	9
1979	COVID 19: challenges for virologists in the food industry. 2020 , 13, 1689-1701	19
1978	Potential Drugs and Remedies for the Treatment of COVID-19: a Critical Review. 2020 , 22, 15	12
1977	The rationale of using mesenchymal stem cells in patients with COVID-19-related acute respiratory distress syndrome: What to expect. 2020 , 9, 1287-1302	27
1976	The Course of Mild and Moderate COVID-19 Infections-The Unexpected Long-Lasting Challenge. 2020 , 7, ofaa286	9
1975	COVID-19: A Review on Diagnosis, Treatment, and Prophylaxis. 2020 , 21,	12
1974	Abnormal Liver Function Tests in Patients With COVID-19: Relevance and Potential Pathogenesis. 2020 , 72, 1864-1872	108
1973	Detection of COVID-19: A review of the current literature and future perspectives. 2020 , 166, 112455	162
1972	Viable SARS-CoV-2 in various specimens from COVID-19 patients. 2020 , 26, 1520-1524	108
1971	Proteotyping SARS-CoV-2 Virus from Nasopharyngeal Swabs: A Proof-of-Concept Focused on a 3 Min Mass Spectrometry Window. 2020 , 19, 4407-4416	62
1970	Enteral stoma care during the COVID-19 pandemic: practical advice. 2020 , 22, 985-992	5
1969	Type I and Type III Interferons Restrict SARS-CoV-2 Infection of Human Airway Epithelial Cultures. 2020 , 94,	152
1968	Medium Term Follow-Up of 337 Patients With Coronavirus Disease 2019 (COVID-19) in a Fangcang Shelter Hospital in Wuhan, China. 2020 , 7, 373	9
1967	Concomitant new diagnosis of systemic lupus erythematosus and COVID-19 with possible antiphospholipid syndrome. Just a coincidence? A case report and review of intertwining pathophysiology. 2020 , 39, 2811-2815	44
1966	Surgical Precautions for Urologists in the Era of COVID-19. 2020 , 143, 11-15	1
1965	The Thrilling Journey of SARS-CoV-2 into the Intestine: From Pathogenesis to Future Clinical Implications. 2020 , 26, 1306-1314	22

1964	COVID-19: A Multidisciplinary Review. 2020 , 8, 383	61
1963	Minireview Exploring the Biological Cycle of Vitamin B3 and Its Influence on Oxidative Stress: Further Molecular and Clinical Aspects. 2020 , 25,	10
1962	Neuroinvasion, neurotropic, and neuroinflammatory events of SARS-CoV-2: understanding the neurological manifestations in COVID-19 patients. 2020 , 41, 2657-2669	144
1961	Decoding the global outbreak of COVID-19: the nature is behind the scene. 2020 , 31, 106-112	7
1960	COVID-19 and the Kidneys: An Update. 2020 , 7, 423	48
1959	Organ-specific manifestations of COVID-19 infection. 2020 , 20, 493-506	194
1958	Co-infection of SARS-CoV-2 with Chlamydia or Mycoplasma pneumoniae: a case series and review of the literature. 2020 , 48, 871-877	16
1957	SARS-CoV-2 detection in different respiratory sites: A systematic review and meta-analysis. 2020 , 59, 102903	82
1956	Utility of nasopharyngeal swabs in series before hospitalization during SARS-CoV-2 outbreak. 2020 , 105, 638-639	2
1955	Inflammatory Bowel Disease Management During the COVID-19 Outbreak: The Ten Do's and Don'ts from the ECCO-COVID Taskforce. 2020 , 14, S798-S806	51
1954	Air and surface contamination by SARS-CoV-2 virus in a tertiary hospital in Wuhan, China. 2020 , 99, 3-7	31
1953	Shedding of SARS-CoV-2 in feces and urine and its potential role in person-to-person transmission and the environment-based spread of COVID-19. 2020 , 749, 141364	130
1952	Willingness and readiness to test for COVID-19; A qualitative exploration of community pharmacists. 2020 , 74, e13620	12
1951	Effect of an aerosol box on tracheal intubation difficulty. 2020 , 34, 790-793	10
1950	Hip Fracture Outcomes During the COVID-19 Pandemic: Early Results From New York. 2020 , 34, 403-410	63
1949	How do we reopen our motility laboratory safely and efficiently?. 2020 , 32, e13935	
1948	Risk of COVID-19 in health-care workers in Denmark: an observational cohort study. 2020 , 20, 1401-1408	225
1947	Chest CT accuracy in diagnosing COVID-19 during the peak of the Italian epidemic: A retrospective correlation with RT-PCR testing and analysis of discordant cases. 2020 , 130, 109192	35

1946	disease: A pilot study. 2020 , 60, 328-333	25
1945	Unintended consequences of long-sleeved gowns in a critical care setting during the COVID-19 pandemic. 2020 , 106, 605-609	11
1944	Clinical and Laboratory Diagnosis of SARS-CoV-2, the Virus Causing COVID-19. 2020 , 6, 2319-2336	27
1943	Transient Lymphopenia and Interstitial Pneumonia With Endotheliitis in SARS-CoV-2-Infected Macaques. 2020 , 222, 1596-1600	19
1942	Targeting the cholinergic anti-inflammatory pathway with vagus nerve stimulation in patients with Covid-19?. 2020 , 6, 15	27
1941	Can Pediatric COVID-19 Testing Sensitivity Be Improved With Sequential Tests?. 2020 , 131, e135	2
1940	COVID-19: urgent actions, critical reflections and future relevance of 'WaSH': lessons for the current and future pandemics. 2020 , 18, 613-630	33
1939	Physicians' Perspectives on COVID-19: An International Survey. 2020 , 8,	6
1938	On the True Number of COVID-19 Infections: Effect of Sensitivity, Specificity and Number of Tests on Prevalence Ratio Estimation. 2020 , 17,	3
1937	Clinical Research in Hepatology in the COVID-19 Pandemic and Post-Pandemic Era: Challenges and the Need for Innovation. 2020 , 72, 1819-1837	12
1936	Neurologic infections during pregnancy. 2020 , 172, 79-104	3
1935	Sewage analysis as a tool for the COVID-19 pandemic response and management: the urgent need for optimised protocols for SARS-CoV-2 detection and quantification. 2020 , 8, 104306	100
1934	Infection Risks Faced by Public Health Laboratory Services Teams When Handling Specimens Associated With Coronavirus Disease 2019 (COVID-19). 2020 , 11, 372-377	4
1933	The potential role of the carotid body in COVID-19. 2020 , 319, L620-L626	19
1932	Clinical Samples for SARS-CoV-2 Detection: Review of the Early Literature. 2020 , 42, 121-127	24
1931	Cardiothoracic Surgery at the Time of the Coronavirus Disease-2019 Pandemic: Lessons From the East (and From a Previous Epidemic) for Western Battlefields. 2020 , 34, 2338-2340	4
1930	Molecular Diagnosis of COVID-19: An Update and Review. 2020 , 56, 126-137	2
1929	Real-World Issues and Potential Solutions in Hematopoietic Cell Transplantation during the COVID-19 Pandemic: Perspectives from the Worldwide Network for Blood and Marrow Transplant Research Health	27

1928	Placental barrier against COVID-19. 2020 , 99, 45-49	37
1927	False negative SARS-CoV-2 PCR - A case report and literature review. 2020 , 31, 101140	8
1926	Presumed respiratory syncytial virus and severe acute respiratory syndrome coronavirus-2 co-infection in a critically ill infant: Diagnostic uncertainty and emergency management. 2020 , 22, 877-879	78
1925	Re-Detectable Positive RT-PCR Test Results in Recovered COVID-19 Patients: The Potential Role of ACE2. 2020 , 14, e36-e37	5
1924	Enteric involvement of SARS-CoV-2: Implications for the COVID-19 management, transmission, and infection control. 2020 , 11, 941-944	7
1923	Plants Metabolites: Possibility of Natural Therapeutics Against the COVID-19 Pandemic. 2020 , 7, 444	53
1922	Successful Outcomes of Severe COVID-19 in Patient with Chronic Lymphocytic Leukemia: Diagnostic Challenges in Immunocompromised Hosts. 2020 , 12, e2020044	3
1921	Portable and accurate diagnostics for COVID-19: Combined use of the miniPCR thermocycler and a well-plate reader for SARS-CoV-2 virus detection. 2020 , 15, e0237418	20
1920	A low-dose chest CT protocol for the diagnosis of COVID-19 pneumonia: a prospective study. 2020 , 27, 607-615	18
1919	SARS-CoV-2 PCR testing of skin for COVID-19 diagnostics: a case report. 2020 , 396, 598-599	25
1918	Potential diagnostics and therapeutic approaches in COVID-19. 2020 , 510, 488-497	25
1917	Possible intrauterine SARS-CoV-2 infection: Positive nucleic acid testing results and consecutive positive SARS-CoV-2-specific antibody levels within 50 days after birth. 2020 , 99, 272-275	3
1916	COVID-19 Detection Through Transfer Learning Using Multimodal Imaging Data 2020 , 8, 149808-149824	148
1915	Investigation of SARS-CoV-2 in Semen of Patients in the Acute Stage of COVID-19 Infection. 2020 , 104, 678-683	56
1914	Second Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. 2020 , 9,	1
1913	Simulation of Pool Testing to Identify Patients With Coronavirus Disease 2019 Under Conditions of Limited Test Availability. 2020 , 3, e2013075	50
1912	Molecular diagnostic technologies for COVID-19: Limitations and challenges. 2020 , 26, 149-159	137
1911	All-fiber all-optical quantitative polymerase chain reaction (qPCR). 2020 , 323, 128681	13

1910	COVID-19 and the workplace: Research questions for the aerosol science community. 2020 , 54, 1117-1123	5
1909	Development and evaluation of a Novel RT-PCR system for reliable and rapid SARS-CoV-2 screening of blood donations. 2020 , 60, 2952-2961	3
1908	Challenges and Controversies to Testing for COVID-19. 2020 , 58,	53
1907	Human Bocavirus in Brazil: Molecular Epidemiology, Viral Load and Co-Infections. 2020 , 9,	2
1906	[Pregnancy, birth, and puerperium with SARS-CoV-2 and COVID-19]. 2020 , 53, 1-9	1
1905	Reply to letter to the editor: "Safety of lymphocytes immunotherapy during the COVID-19 outbreak in Wuhan, China". 2021 , 304, 571-572	
1904	Diagnostic Testing of COVID-19 in Solid Organ Transplantation: Current Clinical Application and Future Strategies. 2020 , 7, 1-9	6
1903	SARS-CoV-2 identification and IgA antibodies in saliva: One sample two tests approach for diagnosis. 2020 , 510, 717-722	30
1902	SARS-CoV-2 and Health Care Worker Protection in Low-Risk Settings: a Review of Modes of Transmission and a Novel Airborne Model Involving Inhalable Particles. 2020 , 34,	26
1901	Infectious diseases epidemiology, quantitative methodology, and clinical research in the midst of the COVID-19 pandemic: Perspective from a European country. 2020 , 99, 106189	2
1900	Case report of a neonate with high viral SARSCoV-2 loads and long-term virus shedding. 2020 , 13, 1878-1884	5
1899	Manufacturing and Management of CAR T-Cell Therapy in "COVID-19's Time": Central Versus Point of Care Proposals. 2020 , 11, 573179	7
1898	Practical Diagnostic Accuracy of Nasopharyngeal Swab Testing for Novel Coronavirus Disease 2019 (COVID-19). 2020 , 21, 1-4	9
1897	SARS CoV-2 Detection From Upper and Lower Respiratory Tract Specimens: Diagnostic and Infection Control Implications. 2020 , 158, 1804-1805	14
1896	Infection prevention and control for labor and delivery, well baby nurseries, and neonatal intensive care units. 2020 , 44, 151320	11
1895	SARS-CoV-2 Detection on Bronchoalveolar Lavage: An Italian Multicenter experience. 2020 , 99, 970-978	26
1894	Haemoptysis as the first presentation of COVID-19: a case report. 2020 , 20, 275	8
1893	Severe acute respiratory syndrome coronavirus-2 infection and the gut-liver axis. 2020 , 21, 687-695	5

1892	Diagnosing COVID-19 pneumonia in a pandemic setting: Lung Ultrasound CT (LUVCT) - a multicentre, prospective, observational study. 2020 , 6,	27
1891	Citation Network Analysis of the Novel Coronavirus Disease 2019 (COVID-19). 2020 , 17,	10
1890	Comment on: Abdominal fluid samples (negative for SARS-CoV-2) from a critically unwell patient with respiratory COVID-19. 2020 , 107, e623	
1889	COVID-19-Induced Neurovascular Injury: a Case Series with Emphasis on Pathophysiological Mechanisms. 2020 , 2, 2109-2125	12
1888	The N gene of SARS-CoV-2 was the main positive component in repositive samples from a cohort of COVID-19 patients in Wuhan, China. 2020 , 511, 291-297	5
1887	Cardiorenal Tissues Express SARS-CoV-2 Entry Genes and Basigin (BSG/CD147) Increases With Age in Endothelial Cells. 2020 , 5, 1111-1123	21
1886	Nucleic Acid and Immunological Diagnostics for SARS-CoV-2: Processes, Platforms and Pitfalls. 2020 , 10,	15
1885	Secondary metabolites from spice and herbs as potential multitarget inhibitors of SARS-CoV-2 proteins. 2020 , 1-20	58
1884	Repeated Coronavirus Disease 2019 Molecular Testing: Correlation of Severe Acute Respiratory Syndrome Coronavirus 2 Culture With Molecular Assays and Cycle Thresholds. 2021 , 73, e860-e869	95
1883	Fifteen-minute consultation: Does this child have COVID-19 (and does it matter)?. 2021 , 106, 278-283	O
1882	The landscape of host genetic factors involved in immune response to common viral infections. 2020 , 12, 93	29
1881	Why Does COVID-19 Affect Patients with Spinal Cord Injury Milder? A Case-Control Study: Results from Two Observational Cohorts. 2020 , 10,	1
1880	Pediatric Rigid Bronchoscopy for Tracheobronchial Foreign Bodies in Covid Times: Short Personal Experience. 2020 , 1-9	0
1879	SARS-CoV-2 viral load is associated with increased disease severity and mortality. 2020 , 11, 5493	360
1878	Utility of Apical Lung Assessment on Computed Tomography Angiography as a COVID-19 Screen in Acute Stroke. 2020 , 51, 3765-3769	2
1877	Prognostic Factors for COVID-19 Pneumonia Progression to Severe Symptoms Based on Earlier Clinical Features: A Retrospective Analysis. 2020 , 7, 557453	30
1876	Central Nervous System Manifestations Associated with COVID-19. 2020 , 20, 60	32
1875	Stopping the COVID-19 Pandemic: A Review on the Advances of Diagnosis, Treatment, and Control Measures. 2020 , 2020, 9121429	10

1874	COVID-19 infection prevalence in pediatric population: Etiology, clinical presentation, and outcome. 2020 , 13, 1791-1796	18
1873	Evaluation of predictive value of olfactory dysfunction, as a screening tool for COVID-19. 2020 , 5, 983-991	9
1872	Viral Dynamics and Immune Correlates of Coronavirus Disease 2019 (COVID-19) Severity. 2021 , 73, e2932-e29	94@ 8
1871	Review of Chest Radiograph Findings of COVID-19 Pneumonia and Suggested Reporting Language. 2020 , 35, 354-360	21
1870	Prolonged viral shedding in an immunocompetent patient with COVID-19. 2020 , 13,	8
1869	The evolving picture of SARS-CoV-2 and COVID-19 in children: critical knowledge gaps. 2020 , 5,	9
1868	Utility and safety of bronchoscopy during the SARS-CoV-2 outbreak in Italy: a retrospective, multicentre study. 2020 , 56,	21
1867	COVID-19 and cardiovascular consequences: Is the endothelial dysfunction the hardest challenge?. 2020 , 196, 143-151	41
1866	Preparedness of the cancer hospitals and changes in oncosurgical practices during COVID-19 pandemic in India: A cross-sectional study. 2020 , 122, 1276-1287	7
1865	Seroprevalence of SARS-CoV-2 antibodies among healthy blood donors in Karachi, Pakistan. 2020 , 59, 102923	17
1864	Systematic review with meta-analysis: SARS-CoV-2 stool testing and the potential for faecal-oral transmission. 2020 , 52, 1276-1288	61
1863	Drive-through testing for SARS-CoV-2 in symptomatic health and social care workers and household members: an observational cohort study. 2020 , 75, 1109-1111	10
1862	Clinical and imaging findings of discharged patients with SARS-CoV-2 positive anal swab samples: a descriptive study. 2020 , 20, 644	3
1861	Study of amniotic fluid in pregnant women infected with SARS-CoV-2 in first and second trimester. Is there evidence of vertical transmission?. 2020 , 1-3	5
1860	Viable SARS-CoV-2 in the air of a hospital room with COVID-19 patients. 2020 ,	33
1859	Factors limiting the utility of bronchoalveolar lavage in the diagnosis of COVID-19. 2020 , 56,	4
1858	The Collision of Meta-Inflammation and SARS-CoV-2 Pandemic Infection. 2020 , 161,	13
1857	Current COVID-19 guidelines for respiratory protection of health care workers are inadequate. 2020 , 213, 251-252.e1	4

1856	A guide to laboratory diagnosis of Corona Virus Disease-19 for the gastroenterologists. 2020 , 39, 236-242	10
1855	Prevalence of Chemosensory Dysfunction in COVID-19 Patients: A Systematic Review and Meta-analysis Reveals Significant Ethnic Differences. 2020 , 11, 2944-2961	101
1854	SARS-CoV-2/COVID-19 and advances in developing potential therapeutics and vaccines to counter this emerging pandemic. 2020 , 19, 40	62
1853	SARS-CoV-2 in children: spectrum of disease, transmission and immunopathological underpinnings. 2020 , 52, 801-808	40
1852	Recommendations for prenatal, intrapartum, and postpartum care during COVID-19 pandemic in India. 2020 , 84, e13336	3
1851	Absence of SARS-CoV-2 in the effluent of peritoneal dialysis patients. 2020 , 40, 499-503	8
1850	Emergent tracheostomy during the pandemic of COVID-19: Slovenian National Recommendations. 2021 , 278, 2209-2217	3
1849	The effectiveness and efficacy of respiratory protective equipment (RPE) in dentistry and other health care settings: a systematic review. 2020 , 78, 626-639	9
1848	Quantitative CT Extent of Lung Damage in COVID-19 Pneumonia Is an Independent Risk Factor for Inpatient Mortality in a Population of Cancer Patients: A Prospective Study. 2020 , 10, 1560	3
1847	Unenhanced computed tomography (CT) utility for triage at the emergency department during COVID-19 pandemic. 2021 , 46, 260-265	3
1846	SARS-CoV-2 Translocate from Nasopharyngeal to Bronchoalveolar Site: A Case Presentation. 2020 , 3, 23	4
1845	Coronavirus interactions with the cellular autophagy machinery. 2020 , 16, 2131-2139	62
1844	Development of a Parallel Reaction Monitoring Mass Spectrometry Assay for the Detection of SARS-CoV-2 Spike Glycoprotein and Nucleoprotein. 2020 , 92, 13813-13821	31
1843	Utility of Repeat Nasopharyngeal SARS-CoV-2 RT-PCR Testing and Refinement of Diagnostic Stewardship Strategies at a Tertiary Care Academic Center in a Low-Prevalence Area of the United States. 2020 , 7, ofaa388	2
1842	RNAemia Corresponds to Disease Severity and Antibody Response in Hospitalized COVID-19 Patients. 2020 , 12,	32
1841	Impact of COVID-19 and lockdown on mental health of children and adolescents: A narrative review with recommendations. 2020 , 293, 113429	421
1840	[Challenges of the COVID-19 pandemic in gastrointestinal endoscopy: expectations and implementation of recommendations]. 2020 , 58, 1074-1080	3
1839	Rapid Determination of SARS-CoV-2 antibodies using a bedside, point-of-Care, serological test. 2020 , 9, 2212-2221	8

1838	DL-CRC: Deep Learning-Based Chest Radiograph Classification for COVID-19 Detection: A Novel Approach 2020 , 8, 171575-171589	37	
1837	Measurement of SARS-CoV-2 RNA in wastewater tracks community infection dynamics. 2020 , 38, 1164-1167	351	
1830	Considerations for transanal surgery during COVID-19 pandemic. 2020 , 122, 995	1	
1835	5 . 2020 , 12, 21-23	O	
1832	Transoral Neurosurgery during COVID-19 Pandemic. 2020 , 7, 170-171		
1833	Air Leak Syndrome in Two Very Preterm Infants Born to Mothers with Coronavirus Disease 2019: An Association or a Coincidence?. 2020 , 10, e266-e269	1	
1832	Clinical Impact, Costs, and Cost-effectiveness of Expanded Severe Acute Respiratory Syndrome Coronavirus 2 Testing in Massachusetts. 2021 , 73, e2908-e2917	25	
1831	Potential sources, modes of transmission and effectiveness of prevention measures against SARS-CoV-2. 2020 , 106, 678-697	50	
1830	Microdroplet and spatter contamination during phacoemulsification cataract surgery in the era of COVID-19. 2020 , 48, 1168-1174	9	
1829	9 Influence of COVID-19 pandemic on the psychological status of infertile couples. 2020 , 253, 148-153	27	
1828	Epistaxis as a marker for severe acute respiratory syndrome coronavirus-2 status - a prospective study. 2020 , 134, 717-720	3	
182	7 [SARS-CoV-2 and Perinatal Aspects]. 2020 , 224, 181-186	2	
1820	Emergency and intensive care medicine aspects of COVID-19 infections]. 2020 , 60, 899-907	1	
182	The diagnostic methods in the COVID-19 pandemic, today and in the future. 2020 , 20, 985-993	20	
182	Abdominal Surgery in Patients With COVID-19: Detection of SARS-CoV-2 in Abdominal and Adipose Tissues. 2020 , 272, e253-e256	33	
182	Effectiveness of mass testing for control of COVID-19: a systematic review protocol. 2020 , 10, e040413	19	
1822	Advances in Viral Diagnostic Technologies for Combating COVID-19 and Future Pandemics. 2020 , 25, 513-521	8	
182	Recent Progress in Plasmonic Biosensing Schemes for Virus Detection. 2020 , 20,	38	

1820	Evaluation of SARS-CoV-2 serology assays reveals a range of test performance. 2020 , 38, 1174-1183	166
1819	Immune responses during COVID-19 infection. 2020 , 9, 1807836	49
1818	Nasal Swab as Preferred Clinical Specimen for COVID-19 Testing in Children. 2020 , 39, e267-e270	22
1817	A COVID-19 Airway Management Innovation with Pragmatic Efficacy Evaluation: The Patient Particle Containment Chamber. 2020 , 48, 2371-2376	7
1816	Clinical sensitivity and interpretation of PCR and serological COVID-19 diagnostics for patients presenting to the hospital. 2020 , 34, 13877-13884	71
1815	International experience of mechanical thrombectomy during the COVID-19 pandemic: insights from STAR and ENRG. 2020 , 12, 1039-1044	18
1814	Clinical implications of different specimen types for nucleic acid testing in two cases of COVID-19. 2020 , 48, 300060520949067	1
1813	From SARS and MERS to COVID-19: a brief summary and comparison of severe acute respiratory infections caused by three highly pathogenic human coronaviruses. 2020 , 21, 224	223
1812	International Society for Gynecologic Endoscopy (ISGE) guidelines and recommendations on gynecological endoscopy during the evolutionary phases of the SARS-CoV-2 pandemic. 2020 , 253, 133-140	11
1811	The Path Forward for COVID-19 Diagnostics. 2020 , 24, 637-639	2
1810	Cardiogenic Shock Caused by SARS-CoV-2 in a Patient with Serial Negative Nucleic Acid Amplification Tests. Case Report. 2020 , 2, 1-3	5
1809	Exploration of turn-positive RT-PCR results and factors related to treatment outcome in COVID-19: A retrospective cohort study. 2020 , 11, 1250-1256	7
1808	Anosmia in COVID-19: Underlying Mechanisms and Assessment of an Olfactory Route to Brain Infection. 2021 , 27, 582-603	106
1807	Minimising aerosol spread during endoscopic sinus and skull base surgery. Experimental model evaluation of the efficacy of the microscope drape method. 2020 , 1-7	3
1806	Prospects for mucosal vaccine: shutting the door on SARS-CoV-2. 2020 , 16, 2921-2931	37
1805	Clinical evolution, management and outcomes of patients with COVID-19 admitted at Tygerberg Hospital, Cape Town, South Africa: a research protocol. 2020 , 10, e039455	2
1804	SARS-CoV-2 seroprevalence and asymptomatic viral carriage in healthcare workers: a cross-sectional study. 2020 , 75, 1089-1094	144
1803	Nanotechnology-Based Approaches for the Detection of SARS-CoV-2. 2020 , 2,	13

1802	Viruses. 2020 , 9,	29
1801	Effect of Covid-19 in Otorhinolaryngology Practice: A Review. 2020 , 1-4	1
1800	Opportunistic Diagnosis of Extensive Pulmonary Embolus Following "COVID-19 Blood Battery" in Very Frail Older Patients. 2020 , 24, 1116-1119	
1799	Screening for SARS-CoV-2 antibodies in convalescent plasma in Brazil: Preliminary lessons from a voluntary convalescent donor program. 2020 , 60, 2938-2951	36
1798	Targeted, Site-Specific, Delivery Vehicles of Therapeutics for COVID-19 Patients. Brief Review. 2020 , 26, 1076029620954911	7
1797	Retrospective Description of Pregnant Women Infected with Severe Acute Respiratory Syndrome Coronavirus 2, France. 2020 , 26, 2069-2076	23
1796	Persistent COVID-19 Pneumonia and Failure to Develop Anti-SARS-CoV-2 Antibodies During Rituximab Maintenance Therapy for Follicular Lymphoma. 2020 , 20, 774-776	36
1795	SARS-CoV-2 Nasopharyngeal Swab Testing-False-Negative Results From a Pervasive Anatomical Misconception. 2020 , 146, 993-994	27
1794	Role of melatonin in the treatment of COVID-19; as an adjuvant through cluster differentiation 147 (CD147). 2020 , 47, 8229-8233	29
1793	Safety Protocols for Videolaryngoscopy During the COVID-19 Pandemic: A Prospective Review of 196 Cases. 2020 , 1-8	1
1792	Viable SARS-CoV-2 in the air of a hospital room with COVID-19 patients. 2020 , 100, 476-482	305
1791	Carving Out a Niche for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Plasma RNA Testing. 2021 , 73, e803-e804	4
1790	Clinical impact of COVID-19 in a single-center cohort of a prospective study in cancer patients receiving immunotherapy. 2020 , 12, 1139-1148	6
1789	How to Survive COVID-19 Even If the Vaccine Fails. 2020 , 4, 1864-1879	1
1788	The Epistemology of a Positive SARS-CoV-2 Test. 2021 , 69, 359-375	1
1787	SARS-CoV-2 RNA Detection on Disposable Wooden Chopsticks, Hong Kong. 2020 , 26,	6
1786	Duration of COVID-19: Data from an Italian Cohort and Potential Role for Steroids. 2020 , 8,	9
1785	COVID-19 epidemic: a special focus on diagnosis, complications, and management. 2020 , 13, 1085-1093	2

1784	Reconsidering Assumptions of Adolescent and Young Adult Severe Acute Respiratory Syndrome Coronavirus 2 Transmission Dynamics. 2021 , 73, S146-S163	14
1783	Tracheal swab from front of neck airway for SARS-CoV-2; a bronchial foreign body. 2020 , 13,	4
1782	Optimal delivery management for the prevention of early neonatal SARS-CoV-2 infection. 2020,	78
1781	Biological fluid dynamics of airborne COVID-19 infection. 2020 , 31, 1-33	39
1780	Genomic Cues From Beta-Coronaviruses and Mammalian Hosts Sheds Light on Probable Origins and Infectivity of SARS-CoV-2 Causing COVID-19. 2020 , 11, 902	3
1779	Hypoxia response and acute lung and kidney injury: possible implications for therapy of COVID-19. 2020 , 13, 494-499	11
1778	Ultra-Sensitive Serial Profiling of SARS-CoV-2 Antigens and Antibodies in Plasma to Understand Disease Progression in COVID-19 Patients with Severe Disease. 2020 , 66, 1562-1572	59
1777	How We Manage Patients With Chronic Lymphocytic Leukemia During the SARS-CoV-2 Pandemic. 2020 , 4, e432	15
1776	Can data from paediatric cohorts solve the COVID-19 puzzle?. 2020 , 16, e1008798	5
1775	COVID-19: studying the global pandemic [Foreword. 2020 , 15, i-iv	1
1774	Artificial Light at Night (ALAN): A Potential Anthropogenic Component for the COVID-19 and HCoVs Outbreak. 2020 , 11, 622	5
1773	COVID-19: an update and cardiac involvement. 2020 , 15, 239	7
1772	Seasonality of Respiratory Viral Infections: Will COVID-19 Follow Suit?. 2020 , 8, 567184	52
1771	Substantial underestimation of SARS-CoV-2 infection in the United States. 2020 , 11, 4507	169
1770	The potential role of microvascular pathology in the neurological manifestations of coronavirus infection. 2020 , 17, 55	13
1769	Scoping review: hotspots for COVID-19 urological research: what is being published and from where?. 2021 , 39, 3151-3160	1
1768	A Review of Viral Shedding in Resolved and Convalescent COVID-19 Patients. 2020 , 2, 1-10	8
1767	Virological Characterization of the First 2 COVID-19 Patients Diagnosed in Italy: Phylogenetic Analysis, Virus Shedding Profile From Different Body Sites, and Antibody Response Kinetics. 2020 , 7. ofaa403	9

1766	Immuno-epidemiology and pathophysiology of coronavirus disease 2019 (COVID-19). 2020 , 98, 1369-1383	19
1765	Patterns of viral clearance in the natural course of asymptomatic COVID-19: Comparison with symptomatic non-severe COVID-19. 2020 , 99, 279-285	23
1764	The Virological, Immunological, and Imaging Approaches for COVID-19 Diagnosis and Research. 2020 , 25, 522-544	9
1763	A family cluster of diagnosed coronavirus disease 2019 (COVID-19) kidney transplant recipient in Thailand. 2020 , 8, 534-543	7
1762	Novel Insights into the Transmission of SARS-CoV-2 Through the Ocular Surface and its Detection in Tears and Conjunctival Secretions: A Review. 2020 , 37, 4086-4095	19
1761	Does Universal Testing for COVID-19 Work for Everyone?. 2020 , 21, 1525-1532	4
1760	Responding to the COVID-19 Pandemic: A New Surgical Patient Flow Utilizing the Preoperative Evaluation Clinic. 2020 , 35, 444-449	3
1759	COVID-19 Is a Multifaceted Challenging Pandemic Which Needs Urgent Public Health Interventions. 2020 , 8,	17
1758	Not a String, not a Tangle, not an Aneurysm: Emerging Pattern of Large Parenchymal Bleeding in Younger Patients Associated with Abnormal Vessels on Imaging. 2021 , 31, 653-659	1
1757	LAMP Assay: Could it be a Boon for the Molecular Diagnosis of COVID-19?. 2020 , 35, 1-2	O
1756	Multimodality imaging of COVID-19 pneumonia: from diagnosis to follow-up. A comprehensive review. 2020 , 131, 109217	34
1755	Comparison of automated SARS-CoV-2 antigen test for COVID-19 infection with quantitative RT-PCR using 313 nasopharyngeal swabs, including from seven serially followed patients. 2020 , 99, 397-402	135
1754	Comparison of nonhuman primates identified the suitable model for COVID-19. 2020 , 5, 157	122
1753	ORF8 and ORF3b antibodies are accurate serological markers of early and late SARS-CoV-2 infection. 2020 , 21, 1293-1301	119
1752	A theranostic approach based on radiolabeled antiviral drugs, antibodies and CRISPR-associated proteins for early detection and treatment of SARS-CoV-2 disease. 2020 , 41, 837-840	4
1751	Risk of transmission of severe acute respiratory syndrome coronavirus 2 by transfusion: A literature review. 2020 , 60, 3046-3054	24
1750	Elevated ACE-2 expression in the olfactory neuroepithelium: implications for anosmia and upper respiratory SARS-CoV-2 entry and replication. 2020 , 56,	102
1749	Pathology and Pathogenesis of SARS-CoV-2 Associated with Fatal Coronavirus Disease, United States. 2020 , 26, 2005-2015	214

1748	Encephalopathy and Encephalitis Associated with Cerebrospinal Fluid Cytokine Alterations and Coronavirus Disease, Atlanta, Georgia, USA, 2020. 2020 , 26, 2016-2021	109
1747	Benefits and Risks of IgG Transplacental Transfer. 2020 , 10,	12
1746	COVID-19 diagnostic testing: Technology perspective. 2020 , 10, e158	38
1745	Current approaches in laboratory testing for SARS-CoV-2. 2020 , 100, 7-9	12
1744	Longitudinal correlation of biomarkers of cardiac injury, inflammation, and coagulation to outcome in hospitalized COVID-19 patients. 2020 , 147, 74-87	45
1743	HLA allele frequencies and susceptibility to COVID-19 in a group of 99 Italian patients. 2020 , 96, 610-614	76
1742	Suboptimal Quality and High Risk of Bias in Diagnostic Test Accuracy Studies at Chest Radiography and CT in the Acute Setting of the COVID-19 Pandemic: A Systematic Review. 2020 , 2, e200342	9
1741	Clinicopathological Features and Outcomes of Acute Kidney Injury in Critically Ill COVID-19 with Prolonged Disease Course: A Retrospective Cohort. 2020 , 31, 2205-2221	48
1740	Proposal of De Novo Antigen Test for COVID-19: Ultrasensitive Detection of Spike Proteins of SARS-CoV-2. 2020 , 10,	25
1739	A Comparison of Whole Genome Sequencing of SARS-CoV-2 Using Amplicon-Based Sequencing, Random Hexamers, and Bait Capture. 2020 , 12,	38
1738	Response to the Letter: How do we reopen our motility laboratory safely and efficiently?. 2020 , 32, e13969	1
1737	Detection of the SARS-CoV-2 in different biologic specimens from positive patients with COVID-19, in Northern Italy. 2020 , 31, 72-74	3
1736	COVID-19 in long-term care facilities for the elderly: laboratory screening and disease dissemination prevention strategies. 2020 , 25, 3445-3458	6
1735	Wastewater-Based Epidemiology (WBE) and Viral Detection in Polluted Surface Water: A Valuable Tool for COVID-19 Surveillance-A Brief Review. 2020 , 17,	26
1734	Vertical transmission of SARS-CoV-2 from infected pregnant mother to the neonate detected by cord blood real-time polymerase chain reaction (RT-PCR). 2021 , 89, 1592-1593	1
1733	COVID-19 Preliminary Patient Filtering based on Regular Blood Tests using Auto-Adaptive Artificial Intelligence Platform. 2020 ,	O
1732	A New Classification Model Based on Stacknet and Deep Learning for Fast Detection of COVID 19 Through X Rays Images. 2020 ,	7
1731	Pneumonia and COVID-19 Detection using Convolutional Neural Networks. 2020 ,	3

1730	A Nanomechanical Study on Deciphering the Stickiness of SARS-CoV-2 on Inanimate Surfaces. 2020 , 12, 58360-58368	14
1729	Paediatric inflammatory multisystem syndrome temporally associated with COVID-19: a new virus and a new case presentation. 2020 , 13,	1
1728	. 2020 , 192, E1487-E1492	
1727	Role of the Bronchoalveolar Lavage in Noncritically Ill Patients during the SARS-CoV-2 Epidemic. 2020 , 2020, 9012187	3
1726	Diagnostic testing for SARS-CoV-2 infection in HHT patients: nasopharyngeal versus oropharyngeal swab. 2020 , 15, 350	2
1725	Improving Detection Efficiency of SARS-CoV-2 Nucleic Acid Testing. 2020 , 10, 558472	2
1724	Involvement of the Mediastinal Subpleural Pulmonary Parenchyma on Chest CT in COVID-19 patients: A Case Series. 2020 , 14, 1-15	1
1723	Risk factors for delayed negative conversion of SARS-CoV-2 in patients with COVID-19 pneumonia: a retrospective cohort study. 2020 , 148, e293	2
1722	SARS-COV-2 Serological Profile in Healthcare Professionals of a Southern Italy Hospital. 2020 , 17,	5
1721	New Insight into Laboratory Tests and Imaging Modalities for Fast and Accurate Diagnosis of COVID-19: Alternative Suggestions for Routine RT-PCR and CT-A Literature Review. 2020 , 2020, 4648307	2
1720	Detection of SARS-CoV-2 pneumonia: two case reports. 2020 , 14, 242	1
1719	COVIDNet-CT: A Tailored Deep Convolutional Neural Network Design for Detection of COVID-19 Cases From Chest CT Images. 2020 , 7, 608525	69
1718	SARS-CoV-2 Infection in Asymptomatic Patients Hospitalized for Cardiac Emergencies: Implications for Patient Management. 2020 , 7, 599299	1
1717	COVID-19 pandemic: Impact and rapid reaction of urology. 2020 , 44, 450-457	78
1716	Design of an assistance protocol for the restart of scheduled urologic surgery in a COVID-19 epidemic period. 2020 , 44, 597-603	1
1715	COVID-19 screening in a Portuguese pediatric population. 2020 , 40, 28-28	1
1714	Natural Host-Environmental Media-Human: A New Potential Pathway of COVID-19 Outbreak. 2020 , 6, 1085-1098	7
1713	Intrinsic disorder perspective of an interplay between the renin-angiotensin-aldosterone system and SARS-CoV-2. 2020 , 85, 104510	6

1712	Cardiothoracic surgery in the midst of a pandemic: Operative outcomes and maintaining a coronavirus disease 2019 (COVID-19)-free environment. 2020 , 4, 107-114	
1711	Chemical Translational Biology-Guided Molecular Diagnostics: The Front Line To Mediate the Current SARS-CoV-2 Pandemic. 2020 , 21, 3492-3494	О
1710	MINERVA: A Facile Strategy for SARS-CoV-2 Whole-Genome Deep Sequencing of Clinical Samples. 2020 , 80, 1123-1134.e4	8
1709	Insidious development of pulmonary embolism in asymptomatic patients with COVID-19: Two rare case-reports. 2020 , 31, 101186	10
1708	Symptoms Associated With Personal Protective Equipment Among Frontline Health Care Professionals During the COVID-19 Pandemic. 2020 , 1-4	7
1707	A cross-talk between epithelium and endothelium mediates human alveolar-capillary injury during SARS-CoV-2 infection. 2020 , 11, 1042	36
1706	COVID-19 in pregnancy: the foetal perspective-a systematic review. 2020 , 4, e000859	7
1705	The Impact of Diabetes Mellitus in COVID-19: A Mechanistic Review of Molecular Interactions. 2020 , 2020, 5436832	8
1704	Cancer patient management strategy in a Cancer Center of Zhejiang, China during the COVID-19 pandemic. 2020 , 20, 1194	5
1703	Clinical Value of SARS-CoV2 IgM and IgG Antibodies in Diagnosis of COVID-19 in Suspected Cases. 2020 , 13, 1089-1094	2
1702	A Systematic Review on the Investigation of SARS-CoV-2 in Semen. 2020 , 12, 615-621	12
1701	Coronavirus Disease (COVID-19) Caused by (SARS-CoV-2) Infections: A Real Challenge for Human Gut Microbiota. 2020 , 10, 575559	29
1700	Multidisciplinary Approach to the Diagnosis and In-Hospital Management of COVID-19 Infection: A Narrative Review. 2020 , 11, 572168	8
1699	Identification of natural inhibitors against Mpro of SARS-CoV-2 by molecular docking, molecular dynamics simulation, and MM/PBSA methods. 2020 , 1-12	11
1698	Implementation of the Radiological Society of North America Expert Consensus Guidelines on Reporting Chest CT Findings Related to COVID-19: A Multireader Performance Study. 2020 , 2, e200276	11
1697	Detection of SARS-CoV-2 in Hemodialysis Effluent of Patient with COVID-19 Pneumonia, Japan. 2020 , 26, 2758-2761	4
1696	Low Seroprevalence of SARS-CoV-2 Antibodies during Systematic Antibody Screening and Serum Responses in Patients after COVID-19 in a German Transplant Center. 2020 , 9,	9
1695	Usefulness of bronchoalveolar lavage in suspect COVID-19 repeatedly negative swab test and interstitial lung disease. 2020 , 23, 67-69	6

1694 Sars-CoV-2 isolation from a 10-day-old newborn in Italy: A case report. 2020 , 22, e00960	3
Case Study: Prolonged Infectious SARS-CoV-2 Shedding from an Asymptomatic Immunocompromised Individual with Cancer. 2020 , 183, 1901-1912.e9	344
1692 Laboratory diagnosis of novel corona virus (2019-nCoV)-present and the future. 2020 , 67, S128-S131	4
SARS-CoV-2 Aiming for the Heart: A Multicenter Italian Perspective About Cardiovascular Issues in COVID-19. 2020 , 11, 571367	5
1690 Chest CT Findings after 4 Months from the Onset of COVID-19 Pneumonia: A Case Series. 2020 , 10,	6
Clinical usefulness of tomographic standards for COVID-19 pneumonia diagnosis: Experience from a Brazilian reference center. 2020 , 24, 524-533	6
Outcomes of Nursing Home COVID-19 Patients by Initial Symptoms and Comorbidity: Results of Universal Testing of 1970 Residents. 2020 , 21, 1767-1773.e1	19
Severe Acute Respiratory Syndrome-Coronavirus-2 (SARS-CoV-2): A Perspective Through the Lens of the Veterinary Diagnostic Laboratory. 2020 , 7, 576267	2
1686 Chest CT in COVID-19 pneumonia: what are the findings in mid-term follow-up?. 2020 , 27, 711-719	39
In Reply to the Letter to the Editor Regarding "Coronavirus Neurosurgical/Head and Neck Drape to 1685 Prevent Aerosolization of Coronavirus Disease 2019 (COVID-19): The Lenox Hill Hospital/Northwell Health Solution". 2020 , 143, 617-618	
Extended storage of SARS-CoV-2 nasopharyngeal swabs does not negatively impact results of molecular-based testing across three clinical platforms. 2020 ,	6
1683 Detection of novel coronavirus (SARS-CoV-2) RNA in peripheral blood specimens. 2020 , 18, 412	12
1682 A current review of COVID-19 for the cardiovascular specialist. 2020 , 226, 29-44	66
$_{f 1681}$ SARS-CoV-2 positivity in a discharged COVID-19 patient: a case report. 2020 , 26, 1115-1117	12
1680 Proposal for the return to routine endoscopy during the COVID-19 pandemic. 2020 , 92, 735-742	32
1679 SARS-CoV-2 was already spreading in France in late December 2019. 2020 , 55, 106006	144
1678 The Novel Coronavirus - Latest Findings. 2020 , 13, 819-828	4
Covid-19 pandemic- response to challenges by blood transfusion services in India: a review report. 2020 , 15, 365-373	10

1676	Going Viral: Management of IBD in the Era of the COVID-19 Pandemic. 2020 , 65, 1571-1575	11
1675	The Indian perspective of COVID-19 outbreak. 2020 , 31, 1-8	32
1674	Utilization of deceased donors during a pandemic: argument against using SARS-CoV-2-positive donors. 2020 , 20, 1795-1799	35
1673	Managing care for patients with sinonasal and anterior skull base cancers during the COVID-19 pandemic. 2020 , 42, 1503-1506	14
1672	European Hernia Society (EHS) guidance for the management of adult patients with a hernia during the COVID-19 pandemic. 2020 , 24, 977-983	12
1671	Evidence for and against vertical transmission for severe acute respiratory syndrome coronavirus 2. 2020 , 223, 91.e1-91.e4	96
1670	COVID-19 - What does a paediatrician need to know?. 2020 , 35, 3-8	2
1669	Persistent viral shedding of SARS-CoV-2 in faeces - a rapid review. 2020 , 22, 611-620	105
1668	Delayed diagnosis of COVID-19 in a 34-year-old man with atypical presentation. 2020 , 8, 644-646	11
1667	How to reduce the potential risk of vertical transmission of SARS-CoV-2 during vaginal delivery?. 2020 , 250, 246-249	18
1666	SARS-CoV-2 viral load assessment in respiratory samples. 2020 , 129, 104439	36
1665	Evidence and possible mechanisms of rare maternal-fetal transmission of SARS-CoV-2. 2020 , 128, 104447	64
1664	Rapid Implementation of a SARS-CoV-2 Diagnostic Quantitative Real-Time PCR Test with Emergency Use Authorization at a Large Academic Safety Net Hospital. 2020 , 1, 152-157.e3	7
1663	Oligosymptomatic Kidney Transplant Patients With COVID-19: Do They Pose a Risk to Other Recipients?. 2020 , 52, 2663-2666	8
1662	Viral loads in throat and anal swabs in children infected with SARS-CoV-2. 2020 , 9, 1233-1237	29
1661	Sensitivity in Detection of Antibodies to Nucleocapsid and Spike Proteins of Severe Acute Respiratory Syndrome Coronavirus 2 in Patients With Coronavirus Disease 2019. 2020 , 222, 206-213	194
1660	Benchmarking Methodology for Selection of Optimal COVID-19 Diagnostic Model Based on Entropy and TOPSIS Methods. 2020 , 8, 99115-99131	88
1659	Cardiac Surgery During the Coronavirus Disease 2019 Pandemic: Perioperative Considerations and Triage Recommendations. 2020 , 9, e017042	40

1658	Ideas for how informaticians can get involved with COVID-19 research. 2020 , 13, 3	13
1657	orth merican OVID-19 ST-Segment-Elevation yocardial nfarction (NACMI) registry: Rationale, design, and implications. 2020 , 227, 11-18	22
1656	SARS-CoV-2: The viral shedding vs infectivity dilemma. 2020 , 25, 210-215	118
1655	Guess Who's Coming to Dinner: COVID-19 in a COVID-free Unit. 2020 , 142, 22-25	7
1654	Return to work for healthcare workers with confirmed COVID-19 infection. 2020 , 70, 345-346	11
1653	Comparative study of the clinical characteristics and epidemiological trend of 244 COVID-19 infected children with or without GI symptoms. 2021 , 70, 436-438	31
1652	Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. 2020 , 9,	5
1651	Interpreting Diagnostic Tests for SARS-CoV-2. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 2249-2251	ļ 891
1650	Incidence of venous thromboembolism in hospitalized patients with COVID-19. 2020 , 18, 1995-2002	818
1649	Fecal testing for SARS-CoV-2 in patients undergoing elective lower gastrointestinal endoscopy is advised. 2020 , 35, 1452	1
1648	To test or not to test? An opportunity to restart dentistry sustainably in the 'COVID-19 era'. 2020 , 53, 1020-1021	15
1647	Novel Coronavirus COVID-19: Current Evidence and Evolving Strategies. 2020 , 102, 734-744	80
1646	A cautionary tale of false-negative nasopharyngeal COVID-19 testing. 2020 , 20, e00791	26
1645	Saliva samples as an alternative for novel coronavirus (COVID-19) diagnosis. 2020 , 119, 1234-1235	12
1644	Point of View of the Dutch Society for Gynaecological Endoscopy on Surgery during the Coronavirus 2019 Crisis. 2020 , 27, 1217-1218	O
1643	Fetal Diagnosis and Therapy during the COVID-19 Pandemic: Guidance on Behalf of the International Fetal Medicine and Surgery Society. 2020 , 47, 689-698	19
1642	Early recovery following new onset anosmia during the COVID-19 pandemic - an observational cohort study. 2020 , 49, 26	160
1641	Clinical evidence based review and recommendations of aerosol generating medical procedures in otolaryngology - head and neck surgery during the COVID-19 pandemic. 2020 , 49, 28	87

1640	SARS-CoV-2 Infection and the Newborn. 2020 , 8, 294	20
1639	Protocol and Reagents for Pseudotyping Lentiviral Particles with SARS-CoV-2 Spike Protein for Neutralization Assays. 2020 , 12,	360
1638	On Lung Ultrasound Patterns Specificity in the Management of COVID-19 Patients. 2020 , 39, 2283-2284	16
1637	COVID-19 in older adults. 2020 , 32, 1199-1202	47
1636	SARS-CoV-2: "Three-steps" infection model and CSF diagnostic implication. 2020 , 87, 128-129	31
1635	Imaging in corona virus disease 2019 (COVID-19)-A Scoping review. 2020 , 7, 100237	34
1634	Imagerie de la pneumonie COVID-19. 2020 , 3, 249-258	5
1633	Coronavirus disease-2019: A tocsin to our aging, unfit, corpulent, and immunodeficient society. 2020 , 9, 293-301	54
1632	A favorable outcome of pneumonia COVID 19 in an advanced lung cancer patient with severe neutropenia: Is immunosuppression a risk factor for SARS-COV2 infection?. 2020 , 145, 213-215	7
1631	Limited effectiveness of systematic screening by nasopharyngeal RT-PCR of medicalized nursing home staff after a first case of COVID-19 in a resident. 2020 , 50, 748-750	15
1630	Possible consequences of the COVID-19 pandemic on the use of biospecimens from cancer biobanks for research in academia and bioindustry. 2020 , 26, 809-810	17
1629	Symptom Criteria for COVID-19 Testing of Heath Care Workers. 2020 , 27, 469-474	46
1628	Understanding, Verifying, and Implementing Emergency Use Authorization Molecular Diagnostics for the Detection of SARS-CoV-2 RNA. 2020 , 58,	37
1627	Interpreting a covid-19 test result. 2020 , 369, m1808	395
1626	Abdominal Imaging Findings in COVID-19: Preliminary Observations. 2020 , 297, E207-E215	182
1625	Ultrastructural Evidence for Direct Renal Infection with SARS-CoV-2. 2020 , 31, 1683-1687	210
1624	Incidentally discovered COVID-19 pneumonia: the role of diagnostic imaging. 2020 , 30, 5211-5213	12
1623	Novel coronavirus (COVID-19) infection: What a doctor on the frontline needs to know. 2020 , 55, 24-29	11

1622	A deep dive into testing and management of COVID-19 for Australian high performance and professional sport. 2020 , 23, 664-669	3
1621	AGA Institute Rapid Review of the Gastrointestinal and Liver Manifestations of COVID-19, Meta-Analysis of International Data, and Recommendations for the Consultative Management of Patients with COVID-19. 2020 , 159, 320-334.e27	223
1620	Case 17-2020: A 68-Year-Old Man with Covid-19 and Acute Kidney Injury. 2020 , 382, 2147-2156	47
1619	Viral shedding prolongation in a kidney transplant patient with COVID-19 pneumonia. 2020 , 20, 2626-2627	32
1618	Safe performance of diagnostic bronchoscopy/EBUS during the SARS-CoV-2 pandemic. 2020 , 25, 703-708	17
1617	Playing the Cards We Are Dealt: COVID-19 and Nursing Homes. 2020 , 68, 1629-1630	9
1616	Impact of Lockdown on the Epidemic Dynamics of COVID-19 in France. 2020 , 7, 274	28
1615	Fighting COVID-19: A quick review of diagnoses, therapies, and vaccines. 2020 , 43, 341-354	50
1614	Innovation in Inflammatory Bowel Disease Care During the COVID-19 Pandemic: Results of a Global Telemedicine Survey by the International Organization for the Study of Inflammatory Bowel Disease. 2020 , 159, 805-808.e1	37
1613	Delayed specific IgM antibody responses observed among COVID-19 patients with severe progression. 2020 , 9, 1096-1101	46
1612	Challenges in the management of patients with systemic light chain (AL) amyloidosis during the COVID-19 pandemic. 2020 , 190, 346-357	8
1611	Society for Advanced Bronchoscopy Consensus Statement and Guidelines for bronchoscopy and airway management amid the COVID-19 pandemic. 2020 , 12, 1781-1798	40
1610	Potential role of platelets in COVID-19: Implications for thrombosis. 2020 , 4, 737-740	26
1609	The close relationship between sudden loss of smell and COVID-19. 2020 , 86, 632-638	14
1608	COVID 19 and laparoscopic surgeons, the Indian scenario - Perspective. 2020 , 79, 165-167	12
1607	Tetralogy of Fallot palliation in a COVID-19 positive neonate. 2020 , 66, 109914	13
1606	Rhinologic Practice Special Considerations During COVID-19: Visit Planning, Personal Protective Equipment, Testing, and Environmental Controls. 2020 , 163, 676-681	5
1605	To breastfeed or not to breastfeed? Lack of evidence on the presence of SARS-CoV-2 in breastmilk of pregnant women with COVID-19. 2020 , 44, e59	30

1604	The COVID-19 Pandemic: An Epidemiologic, Public Health, and Clinical Brief. 2020 , 15, 170-174	1
1603	Breastfeeding during the COVID-19 pandemic: Suggestions on behalf of woman study group of AMD. 2020 , 165, 108239	9
1602	Swabs Collected by Patients or Health Care Workers for SARS-CoV-2 Testing. 2020 , 383, 494-496	159
1601	Using Early Data to Estimate the Actual Infection Fatality Ratio from COVID-19 in France. 2020 , 9,	58
1600	Saliva-Friend and Foe in the COVID-19 Outbreak. 2020 , 10,	45
1599	Prolonged SARS-CoV-2 RNA detection in anal/rectal swabs and stool specimens in COVID-19 patients after negative conversion in nasopharyngeal RT-PCR test. 2020 , 92, 2328-2331	47
1598	An infant with a mild SARS-CoV-2 infection detected only by anal swabs: a case report. 2020 , 24, 247-249	13
1597	Exploration of the Molecular Mechanism of Clinically Oriented Drugs for Possibly Inhibiting SARS-CoV-2's Main Protease. 2020 , 11, 4413-4420	95
1596	Use of SARS-CoV-2-infected deceased organ donors: Should we always "just say no?". 2020 , 20, 1787-1794	44
1595	COVID-19: Focus on the lungs but do not forget the gastrointestinal tract. 2020 , 50, e13276	29
1594	Hydroxychloroquine in patients with mainly mild to moderate coronavirus disease 2019: open label, randomised controlled trial. 2020 , 369, m1849	618
1593	Towards effective diagnostic assays for COVID-19: a review. 2020 , 73, 370-377	65
1592	A Comprehensive Review of Manifestations of Novel Coronaviruses in the Context of Deadly COVID-19 Global Pandemic. 2020 , 360, 5-34	56
1591	The Australian Institute of Sport framework for rebooting sport in a COVID-19 environment. 2020 , 23, 639-663	39
1590	How to increase the SARS-CoV-2 detection rate through the nasopharyngeal swab?. 2020 , 106, 104802	5
1589	Lung Ultrasound in Children with COVID-19: Preliminary Findings. 2020 , 46, 2094-2098	75
1588	COVID-19: A Risk Assessment Perspective. 2020 , 27, 160-169	50
1587	Recommendation of fecal specimen for routine molecular detection of SARS-CoV-2 and for COVID-19 discharge criteria. 2020 , 114, 168-169	9

1586	Unconditional Care in Academic Emergency Departments. 2020 , 27, 527-528	1
1585	AMD Management During the COVID-19 Pandemic. 2020 , 98, e925	6
1584	Coronavirus Disease 2019 (COVID-19) in Neonates and Children From China: A Review. 2020 , 8, 287	24
1583	Smell and taste alterations in COVID-19: a cross-sectional analysis of different cohorts. 2020 , 10, 955-962	75
1582	Diagnosis and treatment of coronavirus disease 2019 (COVID-19): Laboratory, PCR, and chest CT imaging findings. 2020 , 79, 143-153	53
1581	COVID-19 in lung-transplanted and cystic fibrosis patients: Be careful. 2020 , 19, e16-e17	11
1580	Self-collection: An appropriate alternative during the SARS-CoV-2 pandemic. 2020 , 128, 104417	56
1579	SARS-CoV-2 RNA in wastewater anticipated COVID-19 occurrence in a low prevalence area. 2020 , 181, 115942	561
1578	Virus transmission during orthopedic surgery on patients with COVID-19 - a brief narrative review. 2020 , 91, 534-537	9
1577	Changing practice patterns in head and neck oncologic surgery in the early COVID-19 era. 2020 , 42, 1179-1186	5 26
1576	COVID-19: Transmission, prevention, and potential therapeutic opportunities. 2020 , 508, 254-266	319
1575	A review of potential treatments to date in COVID-19 patients according to the stage of the disease. 2020 , 68, 93-104	13
1574	[COVID-19: Pathogenesis of a multi-faceted disease]. 2020, 41, 375-389	12
1573	Safe extubation during the COVID-19 pandemic. 2020 , 170, 106038	11
1572	Detection of air and surface contamination by SARS-CoV-2 in hospital rooms of infected patients. 2020 , 11, 2800	471
1571	Detection of SARS-CoV-2 in Human Retinal Biopsies of Deceased COVID-19 Patients. 2020 , 28, 721-725	138
1570	Complications and outcomes of SARS-CoV-2 in pregnancy: where and what is the evidence?. 2020 , 39, 361-369	12
1569	Inappropriate Nasopharyngeal Sampling for SARS-CoV-2 Detection Is a Relevant Cause of False-Negative Reports. 2020 , 163, 459-461	29

1568	Nasopharyngeal swab or clinical-radiological evidence: the dark side of the moon for cancer patients in the COVID-19 era. 2020 , 16, 1321-1322	1
1567	Presence of SARS-Coronavirus-2 RNA in Sewage and Correlation with Reported COVID-19 Prevalence in the Early Stage of the Epidemic in The Netherlands. 2020 , 7, 511-516	637
1566	Selective Naked-Eye Detection of SARS-CoV-2 Mediated by N Gene Targeted Antisense Oligonucleotide Capped Plasmonic Nanoparticles. 2020 , 14, 7617-7627	372
1565	Molecular and Serological Assays for SARS-CoV-2: Insights from Genome and Clinical Characteristics. 2020 , 66, 1030-1046	23
1564	Anesthetic concerns for pediatric patients in the era of COVID-19. 2020 , 30, 737-742	9
1563	Comparison of the COVID-2019 (SARS-CoV-2) pathogenesis with SARS-CoV and MERS-CoV infections. 2020 , 15, 317-323	55
1562	Patient factors associated with SARS-CoV-2 in an admitted emergency department population. 2020 , 1, 569	9
1561	Recurrent positive SARS-CoV-2: Immune certificate may not be valid. 2020 , 92, 2384-2386	16
1560	A systematic review on COVID-19: urological manifestations, viral RNA detection and special considerations in urological conditions. 2021 , 39, 3127-3138	38
1559	COVID-19 and Asthma: Reflection During the Pandemic. 2020 , 59, 78-88	97
1558	Implications of gastrointestinal manifestations of COVID-19. 2020 , 5, 629-630	51
1557	AEG-SEED position paper for the resumption of endoscopic activity after the peak phase of the COVID-19 pandemic. 2020 , 43, 389-407	12
1556	Systematic Review and Meta-Analysis of the Persistence and Disinfection of Human Coronaviruses and Their Viral Surrogates in Water and Wastewater. 2020 , 7, 544-553	64
1555	BBMRI-ERIC's contributions to research and knowledge exchange on COVID-19. 2020 , 28, 728-731	12
1554	Our first month of delivering the prostate cancer diagnostic pathway within the limitations of COVID-19 using local anaesthesia transperineal biopsy. 2020 , 126, 329-332	5
1553	Antiviral Efficacies of FDA-Approved Drugs against SARS-CoV-2 Infection in Ferrets. 2020 , 11,	118
1552	80-year-old man with dyspnoea and bilateral groundglass infiltrates: an elusive case of COVID-19. 2020 , 13,	
1551	Anosmia and dysgeusia associated with SARS-CoV-2 infection: an age-matched case-control study. 2020 , 192, E702-E707	60

1550	Challenges in Laboratory Diagnosis of the Novel Coronavirus SARS-CoV-2. 2020 , 12,	200
1549	SFED recommendations for IBD endoscopy during COVID-19 pandemic: Italian and French experience. 2020 , 17, 507-516	13
1548	Fecal-Oral Transmission of SARS-CoV-2 In Children: is it Time to Change Our Approach?. 2020 , 39, e133-e134	23
1547	A multiscale model of virus pandemic: Heterogeneous interactive entities in a globally connected world 2020 , 30, 1591-1651	63
1546	SARS-CoV-2 Does Not Spread Through Extracorporeal Membrane Oxygenation or Dialysis Membranes. 2020 , 202, 458-460	7
1545	Impact of diabetes mellitus on clinical outcomes in patients affected by Covid-19. 2020 , 19, 76	47
1544	The role of environmental factors to transmission of SARS-CoV-2 (COVID-19). 2020 , 10, 92	106
1543	Rapid detection of novel coronavirus/Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) by reverse transcription-loop-mediated isothermal amplification. 2020 , 15, e0234682	179
1542	Diagnostic Ultrasound Services During the Coronavirus Disease (COVID-19) Pandemic. 2020 , 215, 1130-1135	9
1541	How to Perform a Nasopharyngeal Swab - An Otolaryngology Perspective. 2020 , 133, 1280-1282	4
1540	Individualizing Risk Prediction for Positive Coronavirus Disease 2019 Testing: Results From 11,672 Patients. 2020 , 158, 1364-1375	99
1539	Transmission of COVID-19 virus by droplets and aerosols: A critical review on the unresolved dichotomy. 2020 , 188, 109819	482
1538	Involvement of cardiovascular system as the critical point in coronavirus disease 2019 (COVID-19) prognosis and recovery. 2020 , 61, 381-395	29
1537	An overview of COVID-19 for diagnostic pathologists: clinicopathological correlation and diagnostic techniques. 2020 , 26, 529-536	2
1536	Airborne SARS-CoV-2 Is Rapidly Inactivated by Simulated Sunlight. 2020 , 222, 564-571	119
£ 52.5	Comparative Pathogonosis of Roying and Possing Possing Possing Comparative of the Asimal Host	
1535	Comparative Pathogenesis of Bovine and Porcine Respiratory Coronaviruses in the Animal Host Species and SARS-CoV-2 in Humans. 2020 , 58,	38
1535		22

1532	Duration of viral shedding in asymptomatic or mild cases of novel coronavirus disease 2019 (COVID-19) from a cruise ship: A single-hospital experience in Tokyo, Japan. 2020 , 97, 293-295	23
1531	Preventing SARS-CoV-2 transmission in rehabilitation pools and therapeutic water environments. 2020 , 105, 625-627	15
1530	Detection of SARS-CoV-2 RNA in fecal specimens of patients with confirmed COVID-19: A meta-analysis. 2020 , 81, e31-e38	53
1529	Laboratory diagnosis of SARS-CoV-2 - A review of current methods. 2020 , 13, 901-905	61
1528	Aspects of inflammatory bowel disease during the COVID-19 pandemic and general considerations. 2020 , 85, 295-302	5
1527	Ten challenging questions about SARS-CoV-2 and COVID-19. 2020 , 14, 881-888	22
1526	A compendium answering 150 questions on COVID-19 and SARS-CoV-2. 2020 , 75, 2503-2541	58
1525	Coronavirus Disease 2019 in Pregnancy: A Clinical Management Protocol and Considerations for Practice. 2020 , 47, 519-528	36
1524	Late Diagnosis of COVID-19 in Patients Admitted to the Hospital. 2020 , 35, 2829-2831	3
1523	High-flow nasal cannula for acute hypoxemic respiratory failure in patients with COVID-19: systematic reviews of effectiveness and its risks of aerosolization, dispersion, and infection transmission. 2020 , 67, 1217-1248	90
1522	Multimodality Cardiovascular Imaging in the Midst of the COVID-19 Pandemic: Ramping Up Safely to a New Normal. 2020 , 13, 1615-1626	35
1521	Safety of foods, food supply chain and environment within the COVID-19 pandemic. 2020 , 102, 293-299	218
1520	Neurosurgical Practice During the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Pandemic: A Worldwide Survey. 2020 , 139, e818-e826	43
1519	COVID-19 in allogeneic stem cell transplant: high false-negative probability and role of CRISPR and convalescent plasma. 2020 , 55, 2354-2356	20
1518	Critical Role of Type III Interferon in Controlling SARS-CoV-2 Infection in Human Intestinal Epithelial Cells. 2020 , 32, 107863	186
1517	The potential of JAK/STAT pathway inhibition by ruxolitinib in the treatment of COVID-19. 2020 , 54, 51-62	50
1516	SARS-CoV-2: diagnostic and design conundrums in the context of male factor infertility. 2020 , 41, 365-369	6
1515	Involvement of digestive system in COVID-19: manifestations, pathology, management and challenges. 2020 , 13, 1756284820934626	38

1514 COVID-19 and the Gastrointestinal System: What Trainees Need to Know. **2020**, 7, e00391

1513	Maximizing Safety in the Conduct of Alzheimer's Disease Fluid Biomarker Research in the Era of COVID-19. 2020 , 76, 27-31	5
1512	Differences of Severe Acute Respiratory Syndrome Coronavirus 2 Shedding Duration in Sputum and Nasopharyngeal Swab Specimens Among Adult Inpatients With Coronavirus Disease 2019. 2020 , 158, 1876-1884	47
1511	Molecular Diagnosis of COVID-19: Challenges and Research Needs. 2020 , 92, 10196-10209	155
1510	A systematic review of pathological findings in COVID-19: a pathophysiological timeline and possible mechanisms of disease progression. 2020 , 33, 2128-2138	231
1509	Gas Plasma Technology-An Asset to Healthcare During Viral Pandemics Such as the COVID-19 Crisis?. 2020 , 4, 391-399	18
1508	Solid Organ Transplantation During the COVID-19 Pandemic. 2020 , 11, 1392	23
1507	Colitis as a Sole Presentation of SARS-CoV-2 Infection: Case Report. 2020 , 2, 1-3	8
1506	Guidelines for therapy of patients with chronic myeloproliferative neoplasms during the novel coronavirus SARS-CoV2 pandemic. 2020 , 42, 195-199	
1505	COVID-19 paraclinical diagnostic tools: Updates and future trends. 2020 , 68, 83-91	9
1504	Efficacy of Serology Testing in Predicting Reinfection in Patients With SARS-CoV-2. 2020 , 1-3	22
1503	COVID-19 diagnostics in context. 2020 , 12,	182
1502	Characteristic of COVID-19 infection in pediatric patients: early findings from two Italian Pediatric Research Networks. 2020 , 179, 1315-1323	87
1501	Otolaryngology in the Time of Corona: Assessing Operative Impact and Risk During the COVID-19 Crisis. 2020 , 163, 307-315	12
1500	Guidance for otolaryngology health care workers performing aerosol generating medical procedures during the COVID-19 pandemic. 2020 , 49, 36	45
1499	Diagnostic methods and potential portable biosensors for coronavirus disease 2019. 2020 , 165, 112349	179
1498	Periodontal pockets: A potential reservoir for SARS-CoV-2?. 2020 , 143, 109907	44
1497	German Endoscopy Unit Preparations for the Coronavirus Disease 2019 Pandemic: A Nationwide Survey. 2020 , 159, 778-780.e3	8

1496	Clinical Utility of Buccal Swabs for Severe Acute Respiratory Syndrome Coronavirus 2 Detection in Coronavirus Disease 2019-Infected Children. 2020 , 9, 370-372	26
1495	Cautious handling of urine from moderate to severe COVID-19 patients. 2020 , 48, 969-971	21
1494	CoroNet: A deep neural network for detection and diagnosis of COVID-19 from chest x-ray images. 2020 , 196, 105581	430
1493	Covid-19 in children: A brief overview after three months experience. 2020 , 35, 9-14	17
1492	Vertical Transmission of SARS-CoV-2: What is the Optimal Definition?. 2020 , 37, 769-772	56
1491	Is SARS-CoV-2 transfusion transmitted?. 2020 , 60, 1111-1114	27
1490	Asymptomatic patients as a source of COVID-19 infections: A systematic review and meta-analysis. 2020 , 98, 180-186	170
1489	Recreational waters - A potential transmission route for SARS-CoV-2 to humans?. 2020 , 740, 140122	34
1488	COVID-19 and relative angiotensin-converting enzyme 2 deficiency: role in disease severity and therapeutic response. 2020 , 7,	5
1487	Letter regarding "SARS-CoV-2 in the peritoneal waste in a patient treated with peritoneal dialysis". 2020 , 98, 512	5
1486	Sampling and detection of corona viruses in air: A mini review. 2020 , 740, 140207	53
1485	Infectious Diseases Society of America Guidelines on the Diagnosis of COVID-19. 2020 ,	92
1484	Curative anticoagulation prevents endothelial lesion in COVID-19 patients. 2020 , 18, 2391-2399	45
1483	Localization of Cell Receptor-Related Genes of SARS-CoV-2 in the Kidney through Single-Cell Transcriptome Analysis. 2020 , 6, 258-270	12
1482	Triplex Real-Time RT-PCR for Severe Acute Respiratory Syndrome Coronavirus 2. 2020 , 26, 1633-1635	76
1481	Detection of SARS-CoV-2 by bronchoscopy after negative nasopharyngeal testing: Stay vigilant for COVID-19. 2020 , 30, 101120	17
1480	Add to your learning experience as a histopathology professional: dealing with the SARS-Cov-2 pandemic and publications in this issue. 2020 , 43, 75	
1479	The laboratory's role in combating COVID-19. 2020 , 57, 400-414	26

1478	COVID-19. 2020 , 99, 521-542	33
1477	Single-cell RNA analysis on ACE2 expression provides insights into SARS-CoV-2 potential entry into the bloodstream and heart injury. 2020 , 235, 9884-9894	42
1476	Use of Tracheostomy During the COVID-19 Pandemic: American College of Chest Physicians/American Association for Bronchology and Interventional Pulmonology/Association of Interventional Pulmonology Program Directors Expert Panel Report. 2020 , 158, 1499-1514	57
1475	Detecting viral outbreaks in future using enhanced environmental surveillance. 2020 , 188, 109731	15
1474	SARS-CoV-2 infection, clinical features and outcome of COVID-19 in United Kingdom nursing homes. 2020 , 81, 411-419	139
1473	Detection of SARS-CoV-2 antibodies using commercial assays and seroconversion patterns in hospitalized patients. 2020 , 81, e39-e45	61
1472	COVID-19: from epidemiology to treatment. 2020 , 41, 2092-2112	45
1471	Neuroanesthesia Practice During the COVID-19 Pandemic: Recommendations From Society for Neuroscience in Anesthesiology and Critical Care (SNACC). 2020 , 32, 202-209	42
1470	Rapid outdoor non-compression intubation (RONCI) of cardiac arrests to mitigate COVID-19 exposure to emergency department staff. 2020 , 38, 2760.e1-2760.e3	1
1469	Screening all pregnant women admitted to labor and delivery for the virus responsible for coronavirus disease 2019. 2020 , 223, 470-471	1
1468	COVID-19 infection: the China and Italy perspectives. 2020 , 11, 438	49
1467	Effect of Implementing Simulation Education on Health Care Worker Comfort With Nasopharyngeal Swabbing for COVID-19. 2020 , 163, 271-274	12
1466	Recent Understandings Toward Coronavirus Disease 2019 (COVID-19): From Bench to Bedside. 2020 , 8, 476	12
1465	Feasibility of postmortem examination in the era of COVID-19 pandemic: the experience of a Northeast Italy University Hospital. 2020 , 477, 341-347	23
1464	Vaginal delivery in COVID-19 pregnant women: anorectum as a potential alternative route of SARS-CoV-2 transmission. 2020 , 223, 612	10
1463	Severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2): a global pandemic and treatment strategies. 2020 , 56, 106054	168
1462	Dynamic surveillance of SARS-CoV-2 shedding and neutralizing antibody in children with COVID-19. 2020 , 9, 1254-1258	42
1461	Developments, Evolution, and Implications of National Diagnostic Criteria for COVID-19 in China. 2020 , 7, 242	6

1460	COVID-19 in Patients with Solid Organ Transplantation: A Systematic Review. 2020 , 1, 1-15	13
1459	Diagnosis of COVID-19: Considerations, controversies and challenges. 2020 , 26,	1
1458	Prevalence of Gastrointestinal Symptoms and Fecal Viral Shedding in Patients With Coronavirus Disease 2019: A Systematic Review and Meta-analysis. 2020 , 3, e2011335	219
1457	Detection of viral SARS-CoV-2 genomes and histopathological changes in endomyocardial biopsies. 2020 , 7, 2440-2447	104
1456	False-positive reverse transcriptase polymerase chain reaction screening for SARS-CoV-2 in the setting of urgent head and neck surgery and otolaryngologic emergencies during the pandemic: Clinical implications. 2020 , 42, 1621-1628	34
1455	Mechanisms and evidence of vertical transmission of infections in pregnancy including SARS-CoV-2s. 2020 , 40, 1655-1670	34
1454	The possible pathophysiology mechanism of cytokine storm in elderly adults with COVID-19 infection: the contribution of "inflame-aging". 2020 , 69, 825-839	125
1453	Management of patients with SARS-CoV-2 infections and of patients with chronic lung diseases during the COVID-19 pandemic (as of 9 May 2020): Statement of the Austrian Society of Pneumology (ASP). 2020 , 132, 365-386	13
1452	Positive tracheal SARS-CoV-2 RNA test after three negative SARS-CoV-2 RNA tests in a patient with COVID-19. 2020 , 67, 1663-1664	2
1451	Detection of SARS-CoV-2 in Fecal Samples From Patients With Asymptomatic and Mild COVID-19 in Korea. 2021 , 19, 1387-1394.e2	82
1450	Heat inactivation decreases the qualitative real-time RT-PCR detection rates of clinical samples with high cycle threshold values in COVID-19. 2020 , 98, 115109	13
1449	[Laparoscopic surgery in the COVID-19 era]. 2020 , 47, 106-110	1
1448	Ensuring Business Continuity of Musculoskeletal Care During the COVID-19 Pandemic: Experience of a Tertiary Orthopaedic Surgery Department in Singapore. 2020 , 5, e0050	7
1447	Dual function of sialic acid in gastrointestinal SARS-CoV-2 infection. 2020 , 79, 103436	16
1446	COVID-19 and Kidney Disease: Molecular Determinants and Clinical Implications in Renal Cancer. 2020 , 6, 1086-1096	15
1445	Combination of serological total antibody and RT-PCR test for detection of SARS-COV-2 infections. 2020 , 283, 113919	39
1444	Posterior Oropharyngeal Saliva for the Detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). 2020 , 71, 2939-2946	56
1443	Acute peritoneal dialysis in COVID-19. 2020 , 40, 359-362	10

1442	Laboratory diagnosis of emerging human coronavirus infections - the state of the art. 2020 , 9, 747-756	459
1441	Safety Considerations in the Laboratory Testing of Specimens Suspected or Known to Contain the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). 2020 , 153, 567-570	43
1440	Eleven faces of coronavirus disease 2019. 2020 , 75, 1699-1709	191
1439	Point-of-Care RNA-Based Diagnostic Device for COVID-19. 2020 , 10,	73
1438	COVID-19 and Dialysis Units: What Do We Know Now and What Should We Do?. 2020 , 76, 1-3	76
1437	Are Patients with Inflammatory Bowel Disease at Increased Risk for Covid-19 Infection?. 2020 , 14, 1334-1336	115
1436	Management of IBD during the COVID-19 outbreak: resetting clinical priorities. 2020 , 17, 253-255	76
1435	COVID-19: faecal-oral transmission?. 2020 , 17, 259	214
1434	Inflammatory Bowel Disease Care in the COVID-19 Pandemic Era: The Humanitas, Milan, Experience. 2020 , 14, 1330-1333	55
1433	Radiological Society of North America Expert Consensus Document on Reporting Chest CT Findings Related to COVID-19: Endorsed by the Society of Thoracic Radiology, the American College of Radiology, and RSNA. 2020 , 2, e200152	275
1432	Possible Vertical Transmission of SARS-CoV-2 From an Infected Mother to Her Newborn. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1846-1848	650
1431	Consensus guidelines for managing the airway in patients with COVID-19: Guidelines from the Difficult Airway Society, the Association of Anaesthetists the Intensive Care Society, the Faculty of Intensive Care Medicine and the Royal College of Anaesthetists. 2020 , 75, 785-799	472
1430	Papa Giovanni XXIII Bergamo Hospital at the time of the COVID-19 outbreak: Letter from the warfront 2020 , 42 Suppl 1, 8-10	32
1429	Can companion animals become infected with Covid-19?. 2020 , 186, 388-389	31
1428	COVID-19 in India: Are Biological and Environmental Factors Helping to Stem the Incidence and Severity?. 2020 , 11, 480-488	28
1427	Personal protective equipment during the coronavirus disease (COVID) 2019 pandemic - a narrative review. 2020 , 75, 920-927	323
1426	AGA Rapid Recommendations for Gastrointestinal Procedures During the COVID-19 Pandemic. 2020 , 159, 739-758.e4	192
1425	The Role of Chest Imaging in Patient Management during the COVID-19 Pandemic: A Multinational Consensus Statement from the Fleischner Society. 2020 , 296, 172-180	471

1424	A Deep Learning System to Screen Novel Coronavirus Disease 2019 Pneumonia. 2020 , 6, 1122-1129	465
1423	Autologous fecal microbiota transplantation for the treatment of inflammatory bowel disease. 2020 , 226, 1-11	17
1422	Low frequency of COVID-19 in inflammatory bowel diseases. 2020 , 52, 1234-1235	6
1421	Efficacy of a novel SARS-CoV-2 detection kit without RNA extraction and purification. 2020 , 98, 16-17	23
1420	Possible indirect transmission of COVID-19 at a squash court, Slovenia, March 2020: case report. 2020 , 148, e120	28
1419	SARS-CoV-2 Dissemination Through Peripheral Nerves Explains Multiple Organ Injury. 2020 , 14, 229	42
1418	Strategies to prevent SARS-CoV-2 transmission during dermatologic head and neck surgery. 2020 , 83, e307-e308	
1417	Kidney Replacement Therapy in COVID-19 Induced Kidney Failure and Septic Shock: A Pediatric Continuous Renal Replacement Therapy [PCRRT] Position on Emergency Preparedness With Resource Allocation. 2020 , 8, 413	9
1416	Multisensor Systems and Arrays for Medical Applications Employing Naturally-Occurring Compounds and Materials. 2020 , 20,	3
1415	First detection of SARS-CoV-2 RNA in wastewater in North America: A study in Louisiana, USA. 2020 , 743, 140621	228
1414	Classification of the COVID-19 infected patients using DenseNet201 based deep transfer learning. 2021 , 39, 5682-5689	212
1413	Breast Feeding in Suspected or Confirmed Cases of COVID 19-a New Perspective. 2020 , 70, 267-271	5
1412	Minimising droplet and virus spread during and after tracheal extubation. 2020 , 125, e197-e198	8
1411	Recent Advances in Molecular diagnosis curbing the COVID-19. 2020 , 97, 322-325	2
1410	Assessment and management of the risk of SARS-CoV-2 infection in an IVF laboratory. 2020 , 41, 385-394	16
1409	Development of a Sterile Personal Protective Equipment Donning and Doffing Procedure to Protect Surgical Teams from SARS-CoV-2 Exposure during the COVID-19 Pandemic. 2020 , 21, 671-676	11
1408	Review of the Chest CT Differential Diagnosis of Ground-Glass Opacities in the COVID Era. 2020 , 297, E289-E302	57
1407	IMPACT-Scot report on COVID-19 and hip fractures. 2020 , 102-B, 1219-1228	77

1406	The effects of COVID-19 on perioperative morbidity and mortality in patients with hip fractures. 2020, 102-B, 1136-1145	90
1405	COVID-19 Sepsis and Microcirculation Dysfunction. 2020 , 11, 747	49
1404	Vasculopathy and Coagulopathy Associated with SARS-CoV-2 Infection. 2020 , 9,	46
1403	A primer for pediatric radiologists on infection control in an era of COVID-19. 2020 , 50, 1191-1204	3
1402	Transmission of SARS-CoV-2: an update of current literature. 2020 , 39, 2005-2011	66
1401	Effects of the COVID-19 pandemic on supply and use of blood for transfusion. 2020 , 7, e756-e764	101
1400	Critical importance of early introduction of prevention measures for SARS-CoV-2 infection in endoscopy units. 2020 , 92, 936-937	4
1399	The Importance of Universal Preprocedural Testing for the Novel Coronavirus 2019. 2020 , 2, e0133	1
1398	Percutaneous Tracheostomy With Apnea During Coronavirus Disease 2019 Era: A Protocol and Brief Report of Cases. 2020 , 2, e0134	9
1397	Clinical Evaluation of Self-Collected Saliva by Quantitative Reverse Transcription-PCR (RT-qPCR), Direct RT-qPCR, Reverse Transcription-Loop-Mediated Isothermal Amplification, and a Rapid Antigen Test To Diagnose COVID-19. 2020 , 58,	214
1396	Convalescent plasma therapy in patients with COVID-19. 2020 , 35, 367-373	23
1395	COVID-19 Clinical Diagnostics and Testing Technology. 2020 , 40, 857-868	53
1394	Pulmonary pathology and COVID-19: lessons from autopsy. The experience of European Pulmonary Pathologists. 2020 , 477, 359-372	131
1393	The Allplex 2019-nCoV (Seegene) assay: which performances are for SARS-CoV-2 infection diagnosis?. 2020 , 39, 1997-2000	43
1392	Lack of sensitivity of an IVD/CE-labelled kit targeting the S gene for detection of SARS-CoV-2. 2020 , 26, 1417.e1-1417.e4	4
1391	COVID-19 and Advanced Practice Registered Nurses: Frontline Update. 2020 , 16, 551-555	11
1390	COVID-19: gynecologic cancer surgery at a single center in Madrid. 2020 , 30, 1108-1112	5
1389	The case for routine screening for SARS-CoV-2 before surgery. 2020 , 67, 1315-1320	4

1388	Conseils de bonnes pratiques pour les praticiens sp@ialis@en laryngologie et en phoniatrie en contexte dpidfhie COVID-19. 2020 , 137, 161-163	
1387	Travel/Tropical Medicine and Pandemic Considerations for the Global Surgeon. 2020 , 32, 407-425	
1386	Romeo and Juliet: Revisited (at the time of COVID-19). 2020 , 81, 94	
1385	[Care management and elective carcinological surgery place during the COVID-19 pandemic: A case report]. 2020 , 48, 774-776	
1384	Aspects of inflammatory bowel disease during the COVID-19 pandemic and general considerations. 2020 , 85, 295-302	1
1383	Severe SARS-CoV-2 infection in critical care. 2020 , 34, 28-37	1
1382	Radiological Society of North America Expert Consensus Statement on Reporting Chest CT Findings Related to COVID-19. Endorsed by the Society of Thoracic Radiology, the American College of Radiology, and RSNA - Secondary Publication. 2020 , 35, 219-227	460
1381	Coronavirus Disease 2019-COVID-19. 2020 , 33,	386
1380	Maternal and neonatal response to COVID-19. 2020 , 319, E315-E319	17
1379	Evaluation of Protection Level, Respiratory Safety, and Practical Aspects of Commercially Available Snorkel Masks as Personal Protection Devices Against Aerosolized Contaminants and SARS-CoV2. 2020 , 17,	13
1378	COVID-19 in Pregnant Women and Neonates: A Systematic Review of the Literature with Quality Assessment of the Studies. 2020 , 9,	48
1377	COVID-19 and immunomodulation treatment for women with reproductive failures. 2020 , 141, 103168	10
1376	SARS-CoV-2 from faeces to wastewater treatment: What do we know? A review. 2020 , 743, 140444	202
1375	Laboratory management for SARS-CoV-2 detection: a user-friendly combination of the heat treatment approach and rt-Real-time PCR testing. 2020 , 9, 1393-1396	23
1374	Sense and sensibility through confusing surgical practices during COVID-19 pandemic. 2020 , 90, 1236-1237	1
1373	A 95-year-old patient with unexpected coronavirus disease 2019 masked by aspiration pneumonia: a case report. 2020 , 14, 82	2
1372	Dealing with the COVID-19 pandemic in orthopaedics: experiences and procedure in Germany. 2020 , 1, 309-315	3
1371	Are They Just Two Children COVID-19 Cases Confused With Flu?. 2020 , 8, 341	2

1370	Challenges in interpreting the diagnostic performance of symptoms to predict COVID-19 status: The case of anosmia. 2020 , 10, 1113-1115	5
1369	Ethyl alcohol threshold test: a fast, reliable and affordable olfactory Assessment tool for COVID-19 patients. 2020 , 277, 2783-2792	17
1368	Utility of CT scan in patients with initial negative PCR for SARS-CoV2: a report of three cases. 2020 , 48, 945-948	1
1367	Involvement of the digestive system in covid-19. A review. 2020 , 43, 464-471	9
1366	SARS-CoV-2 pandemic: An overview. 2020 , 77, 100736	30
1365	COVID-19 in Children: An Ample Review. 2020 , 13, 661-669	26
1364	The Strategic Alliance between Clinical and Molecular Science in the War against SARS-CoV-2, with the Rapid-Diagnostics Test as an Indispensable Weapon for Front Line Doctors. 2020 , 21,	5
1363	On the Coronaviruses and Their Associations with the Aquatic Environment and Wastewater. 2020 , 12, 1598	21
1362	Letter to the Editor Regarding "Diagnostic Considerations for COVID-19 in Recipients of Allogeneic Hematopoietic Cell Transplantation". 2020 , 26, e241-e242	1
1361	Epidemic and pandemic viral infections: impact on tuberculosis and the lung: A consensus by the World Association for Infectious Diseases and Immunological Disorders (WAidid), Global Tuberculosis Network (GTN), and members of the European Society of Clinical Microbiology and	42
1360	Oropharyngeal Secretion as Alternative for SARS-CoV-2 Detection. 2020 , 99, 1199-1205	6
1359	Kidney Involvement in COVID-19: Need for Better Definitions. 2020 , 31, 2224-2225	13
1358	Heart transplantation management in northern Italy during COVID-19 pandemic: single-centre experience. 2020 , 7, 2003-2006	5
1357	Letter to the Editor: Safety and Efficacy of Bedside Peritoneal Dialysis Catheter Placement in the COVID-19 Era: Initial Experience at a New York City Hospital. 2020 , 44, 3584-3585	1
1356	Design of an assistance protocol for the restart of scheduled urologic surgery in a COVID-19 epidemic period. 2020 , 44, 597-603	2
1355	Respiratory droplet generation and dispersal during nasoendoscopy and upper respiratory swab testing. 2020 , 42, 2779-2781	8
1354	Chest CT score in COVID-19 patients: correlation with disease severity and short-term prognosis. 2020 , 30, 6808-6817	253
1353	COVID-19 Reinfection: Myth or Truth?. 2020 , 2, 1-4	34

1352	Diabetes and COVID-19: Global and regional perspectives. 2020 , 166, 108303	19
1351	[A clinical management protocol for COVID-19 infection in pregnant women]. 2020 , 47, 118-127	О
1350	Investigation of nosocomial SARS-CoV-2 transmission from two patients to healthcare workers identifies close contact but not airborne transmission events. 2021 , 42, 1046-1052	18
1349	Current precautions and future directions in lung transplantation during the COVID-19 pandemic - a single center cohort study. 2020 , 33, 1453-1457	3
1348	Dexamethasone in the management of covid -19. 2020 , 370, m2648	124
1347	Reorganisation of faecal microbiota transplant services during the COVID-19 pandemic. 2020 , 69, 1555-1563	57
1346	COVID-19 and the Digestive System. 2020 , 115, 1003-1006	68
1345	IFSO Endoscopy Committee Position Statement on the Practice of Bariatric Endoscopy During the COVID-19 Pandemic. 2020 , 30, 4179-4186	3
1344	SARS-CoV-2 in sewer systems and connected facilities. 2020 , 143, 196-203	56
1343	Clinical trials (and tribulations): the immediate effects of COVID-19 on IBD clinical research activity in the United Kingdom. 2020 ,	5
1342	Fatal COVID-19 in a Patient with End-Stage Liver Disease Wait-Listed for Liver Transplantation: An Evidence-Based Review of COVID-19 Screening Modalities Prior to Transplant. 2020 , 15, 246-250	3
1341	Liver Transplantation in the Time of COVID19: Barriers and Ethical considerations for Management and Next Steps. 2020 , 4, 1242	6
1340	SARS-CoV-2 positivity in rectal swabs: implication for possible transmission. 2020 , 22, 754-755	8
1339	Surgical care of thoracic malignancies during the COVID-19 pandemic in Maico: An expert consensus guideline from the Sociedad Mexicana de Oncologa (SMeO) and the Sociedad Mexicana de Cirujanos Toraicos Generales (SMCTG). 2020 , 11, 2370-2375	0
1338	Safe surgery during the coronavirus disease 2019 crisis. 2020 , 90, 1553-1557	9
1337	Utility of Stool PCR for the Diagnosis of COVID-19: Comparison of Two Commercial Platforms. 2020 , 58,	16
1336	Initial Clinical Impressions of the Critical Care of COVID-19 Patients in Seattle, New York City, and Chicago. 2020 , 131, 55-60	30
1335	Nasopharyngeal Swabs Are More Sensitive Than Oropharyngeal Swabs for COVID-19 Diagnosis and Monitoring the SARS-CoV-2 Load. 2020 , 7, 334	48

1334	How fragile we are. 2020 , 42, 1355-1360	3
1333	Evidence-Based Guidelines for Management of Head and Neck Mucosal Malignancies during the COVID-19 Pandemic. 2020 , 163, 16-24	14
1332	Head and neck surgical oncology in the time of a pandemic: Subsite-specific triage guidelines during the COVID-19 pandemic. 2020 , 42, 1194-1201	30
1331	Overview of COVID-19 testing and implications for otolaryngologists. 2020 , 42, 1629-1633	21
1330	False-negative testing for severe acute respiratory syndrome coronavirus 2: consideration in obstetrical care. 2020 , 2, 100130	40
1329	COVID-19 diagnostic process in mainland China: The math beyond pneumonia. 2020 , 146, 64-66	5
1328	COVID-19: before stopping specific infection prevention and control measures, be sure to exclude the diagnosis. 2020 , 105, 375-376	5
1327	Neuraxial anaesthesia and peripheral nerve blocks during the COVID-19 pandemic: a literature review and practice recommendations. 2020 , 75, 1350-1363	67
1326	COVID-19 diagnosis and management: a comprehensive review. 2020 , 288, 192-206	532
1325	Novel Coronavirus Disease 2019 Infection in Children: The Dark Side of a Worldwide Outbreak. 2020 , 8, 215	15
1324	The COVID-19 pandemic: Considerations for the waste and wastewater services sector. 2020 , 1, 100006	135
1323	Strategies for daily operating room management of ambulatory surgery centers following resolution of the acute phase of the COVID-19 pandemic. 2020 , 64, 109854	29
1322	The clinical manifestations and management of COVID-19-related liver injury. 2020, 119, 1016-1018	23
1321	COVID-19 faecal-oral transmission: Are we asking the right questions?. 2020 , 729, 138919	142
1320	Airborne route and bad use of ventilation systems as non-negligible factors in SARS-CoV-2 transmission. 2020 , 141, 109781	128
1319	SARS-CoV-2 in wastewater: State of the knowledge and research needs. 2020 , 739, 139076	351
1318	SARS-CoV-2 productively infects human gut enterocytes. 2020 , 369, 50-54	882
1317	Endoscopic skull base and transoral surgery during COVID-19 pandemic: Minimizing droplet spread with negative-pressure otolaryngology viral isolation drape. 2020 , 42, 1577-1582	38

1316	The Use of Bronchoscopy During the Coronavirus Disease 2019 Pandemic: CHEST/AABIP Guideline and Expert Panel Report. 2020 , 158, 1268-1281	100
1315	SARS-CoV-2 detection in the pericardial fluid of a patient with cardiac tamponade. 2020 , 76, 100-101	31
1314	Frequently asked questions regarding SARS-CoV-2 in cancer patients-recommendations for clinicians caring for patients with malignant diseases. 2020 , 34, 1487-1494	36
1313	Myocardial localization of coronavirus in COVID-19 cardiogenic shock. 2020 , 22, 911-915	572
1312	COVID-19 for the Cardiologist: Basic Virology, Epidemiology, Cardiac Manifestations, and Potential Therapeutic Strategies. 2020 , 5, 518-536	162
1311	Cluster of Coronavirus Disease 2019 (COVID-19) in the French Alps, February 2020. 2020 , 71, 825-832	171
1310	Harnessing innate immunity to eliminate SARS-CoV-2 and ameliorate COVID-19 disease. 2020 , 52, 217-221	56
1309	Handling and Processing of Blood Specimens from Patients with COVID-19 for Safe Studies on Cell Phenotype and Cytokine Storm. 2020 , 97, 668-673	21
1308	COVID-19 pandemic: Effects and evidence-based recommendations for otolaryngology and head and neck surgery practice. 2020 , 42, 1259-1267	159
1307	Coronavirus: Update Related to the Current Outbreak of COVID-19. 2020 , 9, 1-13	71
1306	Intensive care management of coronavirus disease 2019 (COVID-19): challenges and recommendations. 2020 , 8, 506-517	812
1305	The Role of Chest Imaging in Patient Management During the COVID-19 Pandemic: A Multinational Consensus Statement From the Fleischner Society. 2020 , 158, 106-116	384
1304	The occurrence of diarrhea in COVID-19 patients. 2020 , 44, 284-285	16
1303	[Recommendations of the Working Groups from the Spanish Society of Intensive and Critical Care Medicine and Coronary Units (SEMICYUC) for the management of adult critically ill patients in the coronavirus disease (COVID-19)]. 2020 , 44, 371-388	30
1302	Epidemiology, genome, and clinical features of the pandemic SARS-CoV-2: a recent view. 2020 , 35, 100672	72
1301	[Recommendations CCAFU on the management of cancers of the urogenital system during an epidemic with Coronavirus COVID-19]. 2020 , 30, 221-231	20
1300	Gastrointestinal Manifestations of SARS-CoV-2 Infection and Virus Load in Fecal Samples From a Hong Kong Cohort: Systematic Review and Meta-analysis. 2020 , 159, 81-95	833
1299	The ACE2 expression in human heart indicates new potential mechanism of heart injury among patients infected with SARS-CoV-2. 2020 , 116, 1097-1100	641

1298	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). 2020 , 51, 239-242	8
1297	Novel Coronavirus-19 (COVID-19) in the immunocompromised transplant recipient: #Flatteningthecurve. 2020 , 20, 1765-1767	78
1296	Distinct characteristics of COVID-19 patients with initial rRT-PCR-positive and rRT-PCR-negative results for SARS-CoV-2. 2020 , 75, 1809-1812	57
1295	Organ donation during the coronavirus pandemic: an evolving saga in uncharted waters. 2020 , 33, 826-827	21
1294	Laboratory Diagnosis of COVID-19: Current Issues and Challenges. 2020 , 58,	703
1293	Covid-19: testing times. 2020 , 369, m1403	102
1292	COVID-19 and the gastrointestinal tract: more than meets the eye. 2020 , 69, 973-974	113
1291	Combining Point-of-Care Diagnostics and Internet of Medical Things (IoMT) to Combat the COVID-19 Pandemic. 2020 , 10,	70
1290	Epidemiology of COVID-19. 2020 , 50, 563-570	146
1289	Novel coronavirus disease (COVID-19) in children. 2020 , 50, 592-603	90
1288	Exhaled breath condensate as a potential specimen for diagnosing COVID-19. 2020 , 12, 1195-1197	15
1287	Optimization of group size in pool testing strategy for SARS-CoV-2: A simple mathematical model. 2020 , 92, 1988-1994	45
1286	SARS-CoV-2 can be detected in urine, blood, anal swabs, and oropharyngeal swabs specimens. 2020 , 92, 1676-1680	233
1285	Study of SARS-CoV-2 in semen and urine samples of a volunteer with positive naso-pharyngeal swab. 2020 , 43, 1819-1822	154
1284	Inhibition of SARS-CoV-2 Infections in Engineered Human Tissues Using Clinical-Grade Soluble Human ACE2. 2020 , 181, 905-913.e7	1293
1283	The reproductive number R0 of COVID-19 in Peru: An opportunity for effective changes. 2020 , 37, 101689	18
1282	[Position Paper for the State of the Art Application of Respiratory Support in Patients with COVID-19 - German Respiratory Society]. 2020 , 74, 337-357	25
1281	A Novel Reverse Transcription Loop-Mediated Isothermal Amplification Method for Rapid Detection of SARS-CoV-2. 2020 , 21,	130

1280	COVID-19 Drug Discovery Using Intensive Approaches. 2020 , 21,	40
1279	COVID-19 in solid organ transplant recipients: Initial report from the US epicenter. 2020 , 20, 1800-1808	474
1278	Tracheostomy guidelines developed at a large academic medical center during the COVID-19 pandemic. 2020 , 42, 1291-1296	40
1277	Persistent viral RNA positivity during the recovery period of a patient with SARS-CoV-2 infection. 2020 , 92, 1681-1683	52
1276	Coronavirus (COVID-19) Assessments and the Importance of Calculating the Probability of Illness. 2020 , 30, 1-2	
1275	COVID-19 or Pulmonary Contusion? A Diagnostic Dilemma. 2020 , 27, 894-895	5
1274	SARS-CoV-2 et ORL pHiatrique en contexte de pandfhie ISARS-CoV-2 (COVID-19). 2020 , 137, 164-168	
1273	Guidelines of clinical practice for the management of swallowing disorders and recent dysphonia in the context of the COVID-19 pandemic. 2020 , 137, 173-175	40
1272	Pediatric laryngoscopy and bronchoscopy during the COVID-19 pandemic: A four-center collaborative protocol to improve safety with perioperative management strategies and creation of a surgical tent with disposable drapes. 2020 , 134, 110059	37
1271	Perspectives from the Cancer and Aging Research Group: Caring for the vulnerable older patient with cancer and their caregivers during the COVID-19 crisis in the United States. 2020 , 11, 753-760	15
1270	COVID-19 Pandemic. Impact on Hysteroscopic Procedures: A Consensus Statement from the Global Congress of Hysteroscopy Scientific Committee. 2020 , 27, 988-992	20
1269	Expression of SARS-CoV-2 Entry Molecules ACE2 and TMPRSS2 in the Gut of Patients With IBD. 2020 , 26, 797-808	104
1268	SARS-Cov-2 (human) and COVID-19: Primer 2020. 2020 , 14, 475-477	2
1267	Potential fecal transmission of SARS-CoV-2: Current evidence and implications for public health. 2020 , 95, 363-370	173
1266	COVID-19 in Children: Clinical Approach and Management. 2020 , 87, 433-442	53
1265	Surgery during the COVID-19 pandemic: A comprehensive overview and perioperative care. 2020 , 219, 903-906	39
1264	New understanding of the damage of SARS-CoV-2 infection outside the respiratory system. 2020 , 127, 110195	149
1263	SARS-CoV-2 Receptor ACE2 Is an Interferon-Stimulated Gene in Human Airway Epithelial Cells and Is Detected in Specific Cell Subsets across Tissues. 2020 , 181, 1016-1035.e19	1326

1262	COVID-19: Immunology and treatment options. 2020 , 215, 108448	321
1261	COVID-19 pandemic-a focused review for clinicians. 2020 , 26, 842-847	206
1260	Clinical Features and Outcomes of Asymptomatic Cases of SARS-CoV-2 Infection. 2020 , 81, e102-e103	12
1259	Letter: The Risk of COVID-19 Infection During Neurosurgical Procedures: A Review of Severe Acute Respiratory Distress Syndrome Coronavirus 2 (SARS-CoV-2) Modes of Transmission and Proposed Neurosurgery-Specific Measures for Mitigation. 2020 , 87, E178-E185	25
1258	CO-RADS: A Categorical CT Assessment Scheme for Patients Suspected of Having COVID-19-Definition and Evaluation. 2020 , 296, E97-E104	404
1257	A Bayesian analysis of strategies to rule out COVID19 using reverse transcriptase-polymerase chain reaction (RT-PCR). 2020 ,	7
1256	[COVID-19 Pandemic: Impact and rapid reaction of Urology]. 2020 , 44, 450-457	11
1255	Dilemma of organ donation in transplantation and the COVID-19 pandemic. 2020 , 39, 410-411	14
1254	Considerations for Bedside Urologic Procedures in Patients With Severe Acute Respiratory Syndrome Coronavirus-2. 2020 , 142, 26-28	2
1253	Coronavirus disease 2019: Utilizing an ethical framework for rationing absolutely scarce health-care resources in transplant allocation decisions. 2020 , 20, 2332-2336	19
1252	COVID-19: a meta-analysis of diagnostic test accuracy of commercial assays registered in Brazil. 2020 , 24, 180-187	75
1251	First Case of Covid-19 in the United States. 2020 , 382, e53	10
1250	Gastroenterology department operational reorganisation at the time of covid-19 outbreak: an Italian and Chinese experience. 2020 , 69, 981-983	26
1249	Screening FMT donors during the COVID-19 pandemic: a protocol for stool SARS-CoV-2 viral quantification. 2020 , 5, 642-643	41
1248	Otolaryngology during COVID-19: Preventive care and precautionary measures. 2020 , 41, 102508	17
1247	COVID-19: Recommended sampling sites at different stages of the disease. 2020 , 92, 1383-1385	11
1246	Practical Considerations for the Diagnosis and Treatment of Fibrotic Interstitial Lung Disease During the Coronavirus Disease 2019 Pandemic. 2020 , 158, 1069-1078	41
1245	Pre-labor anorectal swab for SARS-CoV-2 in COVID-19 pregnant patients: is it time to think about it?. 2020 , 249, 98-99	48

1244	Co-Infection with SARS-COV-2 and Parainfluenza in a young adult patient with pneumonia: Case Report. 2020 , 20, e00762	10
1243	Diagnostic performance between CT and initial real-time RT-PCR for clinically suspected 2019 coronavirus disease (COVID-19) patients outside Wuhan, China. 2020 , 168, 105980	152
1242	Profile of RT-PCR for SARS-CoV-2: A Preliminary Study From 56 COVID-19 Patients. 2020 , 71, 2249-2251	151
1241	Coronavirus disease 2019 (COVID-19): the portrait of a perfect storm. 2020 , 8, 497	89
1240	The Appropriate Use of Testing for COVID-19. 2020 , 21, 470-472	113
1239	Is Adipose Tissue a Reservoir for Viral Spread, Immune Activation, and Cytokine Amplification in Coronavirus Disease 2019?. 2020 , 28, 1191-1194	163
1238	SARS-CoV-2 and viral sepsis: observations and hypotheses. 2020 , 395, 1517-1520	646
1237	Utility of hyposmia and hypogeusia for the diagnosis of COVID-19. 2020 , 20, 1014-1015	134
1236	Kidney transplant programmes during the COVID-19 pandemic. 2020 , 8, e39	38
1235	Screening faecal microbiota transplant donors for SARS-CoV-2 by molecular testing of stool is the safest way forward. 2020 , 5, 531	23
1234	Enteric involvement in hospitalised patients with COVID-19 outside Wuhan. 2020 , 5, 534-535	97
1233	COVID-19 and ENT Pediatric otolaryngology during the COVID-19 pandemic. Guidelines of the French Association of Pediatric Otorhinolaryngology (AFOP) and French Society of Otorhinolaryngology (SFORL). 2020 , 137, 177-181	33
1232	Rapid sputum testing and not thermal screening alone should be the first-line screening test at airports: A Bayesian analysis. 2020 , 14, 317-318	1
1231	Endourological Stone Management in the Era of the COVID-19. 2020 , 78, 131-133	52
1230	No evidence of severe acute respiratory syndrome-coronavirus 2 in semen of males recovering from coronavirus disease 2019. 2020 , 113, 1135-1139	255
1229	Coronavirus disease 2019 and men's reproductive health. 2020 , 113, 1154	12
1228	Collapsing glomerulopathy in a COVID-19 patient. 2020 , 98, 228-231	175
1227	Head and neck oncology during the COVID-19 pandemic: Reconsidering traditional treatment paradigms in light of new surgical and other multilevel risks. 2020 , 105, 104684	81

1226	[COVID-19: Clinical, biological and radiological characteristics in adults, infants and pregnant women. An up-to-date review at the heart of the pandemic]. 2020 , 41, 308-318	19
1225	Environmental cleaning is effective for the eradication of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) virus in contaminated hospital rooms: A patient from the Diamond Princess cruise ship. 2020 , 41, 1105-1106	29
1224	Hypertension, the renin-angiotensin system, and the risk of lower respiratory tract infections and lung injury: implications for COVID-19. 2020 , 116, 1688-1699	200
1223	Absence of 2019 novel coronavirus in semen and testes of COVID-19 patients 2020, 103, 4-6	171
1222	Solid organ transplantation programs facing lack of empiric evidence in the COVID-19 pandemic: A By-proxy Society Recommendation Consensus approach. 2020 , 20, 1826-1836	62
1221	Management of COVID-19-related paediatric blood samples in a clinical haematology laboratory. 2020 , 189, 848-851	3
1220	COVID-19 and the clinical hematology laboratory. 2020 , 42 Suppl 1, 11-18	119
1219	Dermatologists and SARS-CoV-2: the impact of the pandemic on daily practice. 2020 , 34, 1196-1201	60
1218	Case series of coronavirus (SARS-CoV-2) in a military recruit school: clinical, sanitary and logistical implications. 2021 , 167, 251-254	17
1217	COVID-19 and immunomodulation in IBD. 2020 , 69, 1335-1342	153
1216	Diagnosis, Prevention, and Treatment of Thromboembolic Complications in COVID-19: Report of the National Institute for Public Health of the Netherlands. 2020 , 297, E216-E222	172
1215	Policies and Guidelines for COVID-19 Preparedness: Experiences from the University of Washington. 2020 , 296, E26-E31	92
1214	COVID-19: is the ACE2 just a foe?. 2020 , 318, L1025-L1026	17
1213	Clinical utility of cardiac troponin measurement in COVID-19 infection. 2020 , 57, 202-205	25
1212	Updating the diagnostic criteria of COVID-19 "suspected case" and "confirmed case" is necessary. 2020 , 7, 17	23
1211	Optimizing Hydroxychloroquine Dosing for Patients With COVID-19: An Integrative Modeling Approach for Effective Drug Repurposing. 2020 , 108, 253-263	75
121 0	COVID-19: From bench to bed side. 2020 , 14, 277-281	41
1209	Prolonged virus shedding even after seroconversion in a patient with COVID-19. 2020 , 81, 318-356	110

1208 Development of a protective device for RT-PCR testing SARS-CoV-2 in COVID-19 patients. 2020, 41, 975-976 1207 Screening and Severity of Coronavirus Disease 2019 (COVID-19) in Children in Madrid, Spain. 2020, 255 1206 Coronavirus Disease (COVID-19): A primer for emergency physicians. 2021, 44, 220-229 125 Manejo de pacientes de Ortopedia y Traumatologa en el contexto de la contingencia por covid-19: 1205 revisili de conceptos actuales revisili de la literatura. 2021, 35, 26-34 Saliva sample as a non-invasive specimen for the diagnosis of coronavirus disease 2019: a 206 1204 cross-sectional study. 2021, 27, 285.e1-285.e4 1203 SARS-CoV-2 presence in seminal fluid: Myth or reality. 2021, 9, 23-26 41 Personal protective equipment (PPE) during the COVID-19 pandemic for oculofacial plastic and 6 1202 orbital surgery. 2021, 40, 281-286 1201 SARS-CoV-2 RNA Detection in Gastrointestinal Sample Displays Poor Performance. **2021**, 160, 972-973.e1 4 The impact of the SARS-CoV-2 infection, with special reference to the hematological setting. 2021, 16 1200 93, 223-233 Tracheostomy care and decannulation during the COVID-19 pandemic. A multidisciplinary clinical 17 practice guideline. 2021, 278, 313-321 1198 Persistent Negative Antibody Test in COVID-19 Patient: A Case Report. 2021, 72, 901-903 1 1197 SARS-CoV-2 in the semen: Where does it come from?. 2021, 9, 39-41 26 Guidance for the procurement of COVID-19 convalescent plasma: differences between high- and 1196 27 low-middle-income countries. 2021, 116, 18-35 SARS-CoV-2 known and unknowns, implications for the water sector and wastewater-based epidemiology to support national responses worldwide: early review of global experiences with the 14 COVID-19 pandemic. **2021**, 56, 57-67 Occurrence and Timing of Subsequent Severe Acute Respiratory Syndrome Coronavirus 2 Reverse-transcription Polymerase Chain Reaction Positivity Among Initially Negative Patients. 2021 57 , 72, 323-326 1193 In vitro diagnostics of coronavirus disease 2019: Technologies and application. 2021, 54, 164-174 52 Evaluation of sex-related hormones and semen characteristics in reproductive-aged male COVID-19 1192 96 patients. 2021, 93, 456-462 Review of Societal Recommendations Regarding Management of Patients With Inflammatory 1191

Bowel Disease During the SARS-CoV-2 Pandemic. 2021, 27, 940-946

1190	Testing strategy for SARS-CoV-2 in the paediatric emergency department. 2021 , 106, e11	2
1189	COVID-19 laboratory testing issues and capacities as we transition to surveillance testing and contact tracing. 2021 , 40, 217-219	5
1188	The "scar" of a pandemic: Cumulative incidence of COVID-19 during the first trimester of pregnancy. 2021 , 93, 537-540	31
1187	Comparing Nasopharyngeal and Midturbinate Nasal Swab Testing for the Identification of Severe Acute Respiratory Syndrome Coronavirus 2. 2021 , 72, 1253-1255	34
1186	Sensitivity of Nasopharyngeal Swabs and Saliva for the Detection of Severe Acute Respiratory Syndrome Coronavirus 2. 2021 , 72, 1064-1066	119
1185	Human and novel coronavirus infections in children: a review. 2021 , 41, 36-55	42
1184	Discharged COVID-19 patients testing positive again for SARS-CoV-2 RNA: A minireview of published studies from China. 2021 , 93, 262-274	8
1183	Anesthetic Management of Patients Undergoing Aortic Dissection Repair With Suspected Severe Acute Respiratory Syndrome Coronavirus Disease 2019 (COVID-19) Infection. 2021 , 35, 350-352	Ο
1182	The microscope drape method to reduce aerosolisation during endoscopic sinus and skull base surgery in the COVID era. How i do it. 2021 , 278, 573-576	6
1181	Impact of COVID-19 on maternal and neonatal outcomes: a systematic review and meta-analysis. 2021 , 27, 36-46	72
1180	Residual SARS-CoV-2 RNA in nasal swabs of convalescent COVID-19 patients: Is prolonged quarantine always justified?. 2021 , 102, 299-302	11
1179	Communication Chaos from Discrepancies in Personal Protective Equipment and Preoperative Guidelines. 2021 , 131, E746-E754	O
1178	Effects of SARS-CoV-2 infection on male sex-related hormones in recovering patients. 2021 , 9, 107-114	16
1177	Fully automated dried blood spot sample handling and extraction for serological testing of SARS-CoV-2 antibodies. 2021 , 13, 223-226	8
1176	Laboratory testing for the diagnosis of COVID-19. 2021 , 538, 226-230	26
1175	The impact of COVID-19 on patients with asthma. 2021 , 57,	71
1174	No detection of SARS-CoV-2 from urine, expressed prostatic secretions, and semen in 74 recovered COVID-19 male patients: A perspective and urogenital evaluation. 2021 , 9, 99-106	56
1173	A framework for nosocomial transmission of emerging coronaviruses. 2021 , 42, 639-641	4

1172	Pulmonary embolisms in patients with COVID-19: a prevalence study in a tertiary hospital. 2021 , 63, 13-21	5
1171	Fighting the War Against COVID-19 via Cell-Based Regenerative Medicine: Lessons Learned from 1918 Spanish Flu and Other Previous Pandemics. 2021 , 17, 9-32	5
1170	Fatal Covid-19 vasoplegic shock in a recipient few hours before double lung transplantation in high emergency. 2021 , 23, e13445	
1169	Virtual Telephonic Follow-Up for Patients Undergone Septoplasty Amid the COVID Pandemic. 2020 , 73, 1-3	2
1168	Comparing Nasopharyngeal Swab and Early Morning Saliva for the Identification of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). 2021 , 72, e352-e356	75
1167	Thrombolysis in severe COVID-19 pneumonia with massive pulmonary embolism. 2021 , 41, 261.e1-261.e3	3
1166	Viral, host and environmental factors that favor anthropozoonotic spillover of coronaviruses: An opinionated review, focusing on SARS-CoV, MERS-CoV and SARS-CoV-2. 2021 , 750, 141483	11
1165	Advances in research on ACE2 as a receptor for 2019-nCoV. 2021 , 78, 531-544	50
1164	Recovery rate and factors associated with smell and taste disruption in patients with coronavirus disease 2019. 2021 , 42, 102648	13
1163	Vertical transmission of coronavirus disease 2019: a systematic review and meta-analysis. 2021 , 224, 35-53.e3	241
1162	Detection profile of SARS-CoV-2 using RT-PCR in different types of clinical specimens: A systematic review and meta-analysis. 2021 , 93, 719-725	90
1161	Systematic Severe Acute Respiratory Syndrome Coronavirus 2 Screening at Hospital Admission in Children: A French Prospective Multicenter Study. 2021 , 72, 2215-2217	47
1160	First expert elicitation of knowledge on drivers of emergence of the COVID-19 in pets. 2021 , 68, 626-636	4
1159	Comparing Dynamics and Determinants of Severe Acute Respiratory Syndrome Coronavirus 2 Transmissions Among Healthcare Workers of Adult and Pediatric Settings in Central Paris. 2021 , 72, 257-264	19
1158	COVID-19 Airway Management Isolation Chamber. 2021 , 164, 74-81	7
1157	Outcomes of Universal COVID-19 Testing Following Detection of Incident Cases in 11 Long-term Care Facilities. 2021 , 181, 127-129	27
1156	SARS-CoV-2 diagnostics in the virology laboratory of a University Hospital in Rome during the lockdown period. 2021 , 93, 886-891	7
1155	Magnetic beads combined with carbon black-based screen-printed electrodes for COVID-19: A reliable and miniaturized electrochemical immunosensor for SARS-CoV-2 detection in saliva. 2021 , 171, 112686	163

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1154	IL-6 serum levels predict severity and response to tocilizumab in COVID-19: An observational study. 2021 , 147, 72-80.e8	74
1153	Can human overcome viral hijack-? Comprehensive review on COVID-19 in the view of diagnosis and mitigation across countries. 2021 , 61, 102120	1
1152	Quantitative microbial risk assessment of SARS-CoV-2 for workers in wastewater treatment plants. 2021 , 754, 142163	49
1151	Environmental virus detection associated with asymptomatic SARS-CoV-2-infected individuals with positive anal swabs. 2021 , 753, 142289	9
1150	Genetics and genomics of SARS-CoV-2: A review of the literature with the special focus on genetic diversity and SARS-CoV-2 genome detection. 2021 , 113, 1221-1232	64
1149	Characteristics of SARS-CoV-2 and COVID-19. 2021 , 19, 141-154	1287
1148	Gestili de la consulta de otorrinolaringologii durante el estado de alarma por la pandemia del COVID-19. ¿Es l'il la consulta telefilica en ORL?. 2021 , 72, 190-194	O
1147	COVID-19: Discovery, diagnostics and drug development. 2021 , 74, 168-184	133
1146	Neurological Complications Associated with the Blood-Brain Barrier Damage Induced by the Inflammatory Response During SARS-CoV-2 Infection. 2021 , 58, 520-535	39
1145	Leaving no stone unturned in light of the COVID-19 faecal-oral hypothesis? A water, sanitation and hygiene (WASH) perspective targeting low-income countries. 2021 , 753, 141751	49
1144	Prospects of nanomaterials-enabled biosensors for COVID-19 detection. 2021 , 754, 142363	59
1143	Hunting coronavirus by transmission electron microscopy´-´a guide to SARS-CoV-2-associated ultrastructural pathology in COVID-19 tissues. 2021 , 78, 358-370	45
1142	High Frequency of SARS-CoV-2 RNAemia and Association With Severe Disease. 2021 , 72, e291-e295	57
1141	Dental education in the time of SARS-CoV-2. 2021 , 25, 325-331	7
1140	Environmental contamination in a coronavirus disease 2019 (COVID-19) intensive care unit-What is the risk?. 2021 , 42, 669-677	18
1139	Clinical features and antibody response of patients from a COVID-19 treatment hospital in Wuhan, China. 2021 , 93, 2782-2789	5
1138	SARS-CoV-2 pandemic: a review of molecular diagnostic tools including sample collection and commercial response with associated advantages and limitations. 2021 , 413, 49-71	60
1137	The role of lung ultrasound as a frontline diagnostic tool in the era of COVID-19 outbreak. 2021 , 16, 749-756	18

1136	Modification of neurosurgical practice during corona pandemic: Our experience at AIIMS patna and long term guidelines. 2021 , 23, 100895	3
1135	Understanding viral shedding of severe acute respiratory coronavirus virus 2 (SARS-CoV-2): Review of current literature. 2021 , 42, 659-668	34
1134	Biomarker Research and Development for Coronavirus Disease 2019 (COVID-19): European Medical Research Infrastructures Call for Global Coordination. 2021 , 72, 1838-1842	O
1133	A colorectal straight-to-test cancer pathway with general-practitioner-guided triage improves attainment of the 28-day diagnosis target and increases outpatient clinic capacity. 2021 , 23, 664-671	2
1132	Fecal-oral transmission of SARS-CoV-2: review of laboratory-confirmed virus in gastrointestinal system. 2021 , 36, 437-444	21
1131	What is the 'new normal' in surgical procedures in the era of COVID-19?. 2021 , 27, 16-18	1
1130	Pathogenesis-directed therapy of 2019 novel coronavirus disease. 2021 , 93, 1320-1342	22
1129	Severe COVID-19 initially presenting as mesenteric adenopathy. 2021 , 51, 140-143	9
1128	Chest X-ray for predicting mortality and the need for ventilatory support in COVID-19 patients presenting to the emergency department. 2021 , 31, 1999-2012	35
1127	Extrapulmonary manifestations of severe acute respiratory syndrome coronavirus-2 înfection. 2021 , 93, 2645-2653	8
1126	Targeted Nanotherapeutics for Respiratory Diseases: Cancer, Fibrosis, and Coronavirus. 2020 , 4, 2000203	6
1125	Lung Ultrasonography for the Diagnosis of SARS-CoV-2 Pneumonia in the Emergency Department. 2021 , 77, 385-394	25
1124	Considerations for diagnostic COVID-19 tests. 2021 , 19, 171-183	243
1123	Early Detection and Therapy Is the Key for the Management of Type A Aortic Dissection With COVID-19: Reply. 2021 , 111, 1734-1735	
1122	Proof of SARS-CoV-2 genomes in endomyocardial biopsy with latency after acute infection. 2021 , 102, 70-72	11
1121	A multi-target lateral flow immunoassay enabling the specific and sensitive detection of total antibodies to SARS COV-2. 2021 , 223, 121737	28
112 0	C4 article: Implications of COVID-19 in transplantation. 2021 , 21, 1801-1815	7
1119	Guidelines on newly identified limitations of diagnostic tools for COVID-19 and consequences. 2021 , 93, 1837-1842	13

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1118	COVID-19 era. 2021 , 278, 1869-1877	2
1117	A physicochemical model for rationalizing SARS-CoV-2 concentration in sewage. Case study: The city of Thessaloniki in Greece. 2021 , 755, 142855	23
1116	Continuous renal replacement therapy with the addition of CytoSorb cartridge in critically ill patients with COVID-19 plus acute kidney injury: A case-series. 2021 , 45, E101-E112	24
1115	Pathophysiological mechanisms of liver injury in COVID-19. 2021 , 41, 20-32	99
1114	Transplant of Elderly Patients: Is There an Upper Age Cutoff?. 2021 , 25, 209-227	O
1113	SARS-CoV-2 RNAemia is associated with severe chronic underlying diseases but not with nasopharyngeal viral load. 2021 , 82, e38-e41	11
1112	CRISPR-based biosensing systems: a way to rapidly diagnose COVID-19. 2021 , 58, 225-241	6
1111	Evaluating 10 Commercially Available SARS-CoV-2 Rapid Serological Tests by Use of the STARD (Standards for Reporting of Diagnostic Accuracy Studies) Method. 2021 , 59,	10
1110	Deregulated cellular circuits driving immunoglobulins and complement consumption associate with the severity of COVID-19 patients. 2021 , 51, 634-647	11
1109	Management of bacteriological specimens of patients suffering from coronavirus disease 2019 (COVID-19). 2021 , 27, 325-330	1
1108	Performance of the COVID19SEROSpeed IgM/IgG Rapid Test, an Immunochromatographic Assay for the Diagnosis of SARS-CoV-2 Infection: a Multicenter European Study. 2021 , 59,	3
1107	A Case-Control Study of the 2019 Influenza Vaccine and Incidence of COVID-19 Among Healthcare Workers. 2021 , 41, 324-334	10
1106	Higher viral loads in asymptomatic COVID-19 patients might be the invisible part of the iceberg. 2021 , 49, 117-126	44
1105	Chest CT in COVID-19 at the ED: Validation of the COVID-19 Reporting and Data System (CO-RADS) and CT Severity Score: A Prospective, Multicenter, Observational Study. 2021 , 159, 1126-1135	31
1104	Detection of Sars-Cov-2 in the air of two hospitals in Hermosillo, Sonora, Mkico, utilizing a low-cost environmental monitoring system. 2021 , 102, 478-482	5
1103	SARS-CoV-2 infection among asymptomatic healthcare workers of the emergency department in a tertiary care facility. 2021 , 134, 104710	13
1102	Evaluation of a SARS-CoV-2 rapid antigen test: Potential to help reduce community spread?. 2021 , 135, 104713	62
1101	SARS-CoV-2 RNA monitoring in wastewater as a potential early warning system for COVID-19 transmission in the community: A temporal case study. 2021 , 761, 144216	85

1100	Investigation of SARS-CoV-2 in semen samples and the effects of COVID-19 on male sexual health by using semen analysis and serum male hormone profile: A cross-sectional, pilot study. 2021 , 53, e13912	46
1099	Occurrence, fate and removal of SARS-CoV-2 in wastewater: Current knowledge and future perspectives. 2021 , 9, 104870	30
1098	Clinical Profile, Viral Load, Maternal-Fetal Outcomes of Pregnancy With COVID-19: 4-Week Retrospective, Tertiary Care Single-Centre Descriptive Study. 2021 , 43, 474-482	12
1097	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) universal screening in gravids during labor and delivery. 2021 , 256, 400-404	7
1096	The Gastrointestinal Tract Is an Alternative Route for SARS-CoV-2 Infection in a Nonhuman Primate Model. 2021 , 160, 1647-1661	39
1095	Coronavirus Pandemic - SARS-CoV-2 in Orthopedics and Trauma Surgery. 2021 , 159, 25-31	1
1094	Clinical characteristics and respiratory support of 310 COVID-19 patients, diagnosed at the emergency room: a single-center retrospective study. 2021 , 16, 1051-1060	22
1093	Increased Prevalence of Myocardial Injury in Patients with SARS-CoV-2 Viremia. 2021 , 134, 542-546	10
1092	False negative RT-PCR and false positive antibody tests-Concern and solutions in the diagnosis of COVID-19. 2021 , 82, 414-451	11
1091	Transmission of SARS-CoV-2: A Review of Viral, Host, and Environmental Factors. 2021 , 174, 69-79	271
1090	Distinct expression of SARS-CoV-2 receptor ACE2 correlates with endotypes of chronic rhinosinusitis with nasal polyps. 2021 , 76, 789-803	13
1089	Severe acute respiratory syndrome coronavirus 2 infection reaches the human nervous system: How?. 2021 , 99, 750-777	20
1088	Current methods for diagnosis of human coronaviruses: pros and cons. 2021 , 413, 2311-2330	24
1087	Algorithms for testing COVID-19 focused on use of RT-PCR and high-affinity serological testing: A consensus statement from a panel of Latin American experts. 2021 , 103, 260-267	4
1086	COVID-19 screening in a healthcare or community setting: complexity of saliva as a specimen for PCR-based testing. 2021 , 13, 9-12	4
1085	The key role of Warburg effect in SARS-CoV-2 replication and associated inflammatory response. 2021 , 180, 169-177	38
1084	Chest CT in the Emergency Department for Diagnosis of COVID-19 Pneumonia: Dutch Experience. 2021 , 298, E98-E106	19
1083	The accuracy of teleradiologists in diagnosing COVID-19 based on a French multicentric emergency cohort. 2021 , 31, 2833-2844	5

1082	SARS-CoV-2, SARS-CoV, and MERS-CoV viral load dynamics, duration of viral shedding, and infectiousness: a systematic review and meta-analysis. 2021 , 2, e13-e22	596
1081	Diagnostic accuracy of CT and radiographic findings for novel coronavirus 2019 pneumonia: Systematic review and meta-analysis. 2021 , 72, 75-82	9
1080	Kidney involvement in COVID-19 and its treatments. 2021 , 93, 1387-1395	22
1079	Chest CT in the emergency department for suspected COVID-19 pneumonia. 2021 , 126, 498-502	14
1078	The Impact of COVID-19 on Organ Donation, Procurement and Liver Transplantation in the United States. 2020 , 5, 5	14
1077	Cost-effectiveness of public health strategies for COVID-19 epidemic control in South Africa: a microsimulation modelling study. 2021 , 9, e120-e129	22
1076	Biosafety during a pandemic: shared resource laboratories rise to the challenge. 2021 , 99, 68-80	1
1075	Thermal inactivation of COVID-19 specimens improves RNA quality and quantity. 2021 , 236, 4966-4972	4
1074	Acute Respiratory Distress in Aged, SARS-CoV-2-Infected African Green Monkeys but Not Rhesus Macaques. 2021 , 191, 274-282	72
1073	Zoonotic coronavirus epidemics: Severe acute respiratory syndrome, Middle East respiratory syndrome, and coronavirus disease 2019. 2021 , 126, 321-337	6
1072	Response. 2021 , 159, 1681-1682	
1071	A comparison of SARS-CoV-2 wastewater concentration methods for environmental surveillance. 2021 , 760, 144215	51
1070	COVID-19: neonatal-perinatal perspectives. 2021 , 41, 940-951	33
1069	Quantifying the risk of indoor drainage system in multi-unit apartment building as a transmission route of SARS-CoV-2. 2021 , 762, 143056	10
1068	Single-step, wash-free digital immunoassay for rapid quantitative analysis of serological antibody against SARS-CoV-2 by photonic resonator absorption microscopy. 2021 , 225, 122004	18
1067	A Consensus Statement for the Management and Rehabilitation of Communication and Swallowing Function in the ICU: A Global Response to COVID-19. 2021 , 102, 835-842	15
1066	Co-infection of SARS-CoV-2 with other respiratory viruses and performance of lower respiratory tract samples for the diagnosis of COVID-19. 2021 , 102, 10-13	23
1065	The virus that shook the world: questions and answers about SARS-CoV-2 and COVID-19. 2021 , 35, 74-102	7

1064 Organ rec	overy from deceased donors with prior COVID-19: A case series. 2021 , 23, e13503	16
1063 Therapeut	tic Implications of COVID-19 for the Interventional Cardiologist. 2021 , 26, 203-216	3
The centra progressio	al role of the nasal microenvironment in the transmission, modulation, and clinical on of SARS-CoV-2 infection. 2021 , 14, 305-316	83
1061 Search for	SARS-CoV-2 RNA in platelets from COVID-19 patients. 2021 , 32, 284-287	11
	d reporting of chest CT provides high sensitivity and specificity for early diagnosis of in a clinical routine setting. 2021 , 94, 20200574	8
1059 SARS-CoV	-2 in Spent Dialysate from Chronic Peritoneal Dialysis Patients with COVID-19 2021 , 2, 86-89	5
1058 Asympton viral spare	natic SARS-CoV-2 infection: is it all about being refractile to innate immune sensing of e-parts?-Clues from exotic animal reservoirs. 2021 , 79,	3
	we stand to oversee the coronaviruses in aqueous and aerosol environment? istics of transmission and possible curb strategies. 2021 , 413, 127522	5
	us Disease 2019 Test Correlation Between Nasopharyngeal Swab and BAL in natic Patients. 2021 , 159, 2488-2490	1
	f sputum/tracheal aspirate and nasopharyngeal samples for SARS-CoV-2 detection by y-developed test and Panther Fusion system. 2021 , 99, 115228	6
	s for Preoperative Testing for Neurosurgery in Coronavirus Disease 2019 (COVID-19) Era: wpoint Amidst Global Practice. 2021 , 146, 103-112	3
1053 Impact of	COVID-19 in solid organ transplant recipients. 2021 , 21, 925-937	37
1052 serologica	procedure for SARS-CoV-2 infection combining triage, nasopharyngeal swab and Il test in allogeneic stem cell transplantation recipients undergoing outpatient plant follow-up. 2021 , 93, 1244-1246	
1051 Prevalenco	e of SARS-CoV-2 infection in patients presenting for intravitreal injection. 2020 , 35, 1-5	1
1050 Commerci 2021 , 225,	alized diagnostic technologies to combat SARS-CoV2: Advantages and disadvantages. , 121898	18
Uncertain 1049 2021 , 36, 3	ty Management and Curve Flattening Behaviors in the Wake of COVID-19's First Wave. 32-41	7
1048 CRISPR-Ba	ased Approaches for Efficient and Accurate Detection of SARS-CoV-2. 2021 , 52, 116-121	7
Multidisci 1047 76, 2407-2	plinary consensus on sputum induction biosafety during the COVID-19 pandemic. 2021 , 2419	5

1046 SARS-Co\	/-2 Presence in the Saliva, Tears, and Cerumen of COVID-19 Patients. 2021 , 131, E1677-E1682	20
1045 Sperm cry	opreservation during the SARS-CoV-2 pandemic. 2021 , 44, 1091-1096	14
	7-2 in hospital wastewater during outbreak of COVID-19: A review on detection, survival fection technologies. 2021 , 761, 143192	32
1043 Evidence	Based Management of the Critically Ill Adult With SARS-CoV-2 Infection. 2021 , 36, 18-41	5
	nent perspectives from the 2019 Wuhan international workshop on fulminant myocarditis. I, 131-138	9
End-point 1041 2021 , 288	: RT-PCR: A potential alternative for diagnosing coronavirus disease 2019 (COVID-19). 3, 114007	9
1040 Optimiza	tion of COVID-19 testing accuracy with nasal anatomy education. 2021 , 42, 102777	9
	isopharyngeal and Deep Lung Testing for Severe Acute Respiratory Syndrome rus-2 Reveals a Viral Gradient in Critically Ill Patients: A Multicenter Study. 2021 , 159, 1387-1390	7
1038 Comparin	ng Nasopharyngeal and BAL SARS-CoV-2 Assays in Respiratory Failure. 2021 , 203, 127-129	12
	y of nasopharyngeal, oropharyngeal, and nasal wash specimens for SARS-CoV-2 detection ting of sampling device shortage. 2021 , 40, 441-445	18
	n and quantification of SARS-CoV-2 RNA in wastewater and treated effluents: Surveillance -19 epidemic in the United Arab Emirates. 2021 , 764, 142929	70
	Extraction-Free Detection of SARS-CoV-2 from Saliva by Colorimetric Franscription Loop-Mediated Isothermal Amplification. 2021 , 67, 415-424	101
1034 Topical lig	gnocaine anaesthesia for oropharyngeal sampling for COVID-19. 2021 , 278, 1669-1673	3
	es may be a potential risk in rural China and low-income countries when dealing with 0. 2021 , 761, 143283	9
1032 candidate	escreening protocols for preoperative assessment of head and neck cancer patients of screening protocols for preoperative assessment of head and neck cancer patients of the pandemic: A narrative review with comparison two Italian institutions. 2021 , 112, 105043	4
	n of SARS-CoV-2 viremia before onset of COVID-19 symptoms in an allo-transplanted ith acute leukemia. 2021 , 56, 716-719	12
1030 SARS-CoV	/-2 and COVID-19 for the ophthalmologist. 2021 , 49, 70-80	1
	on between SARS-CoV-2 infection, exposure risk and mental health among a cohort of retail workers in the USA. 2021 , 78, 237-243	43

1028	Prospective Longitudinal Evaluation of Point-of-Care Lung Ultrasound in Critically Ill Patients With Severe COVID-19 Pneumonia. 2021 , 40, 443-456	22
1027	Protein expression of angiotensin-converting enzyme 2, a SARS-CoV-2-specific receptor, in fetal and placental tissues throughout gestation: new insight for perinatal counseling. 2021 , 57, 242-247	24
1026	Post-mortem viral dynamics and tropism in COVID-19 patients in correlation with organ damage. 2021 , 478, 343-353	52
1025	High prevalence of early asymptomatic venous thromboembolism in anticoagulated COVID-19 patients hospitalized in general wards. 2021 , 51, 637-641	12
1024	Chest CT for rapid triage of patients in multiple emergency departments during COVID-19 epidemic: experience report from a large French university hospital. 2021 , 31, 795-803	14
1023	A case of gastrointestinal-predominant COVID-19 demonstrates value of stool PCR test. 2021 , 93, 662-663	2
1022	Reply. 2021 , 40, 213-214	
1021	Review of analytical performance of COVID-19 detection methods. 2021 , 413, 35-48	73
1020	Maternal infections: revisiting the need for screening in pregnancy. 2021 , 128, 304-315	1
1019	Diagnosis of SARS-CoV-2 by RT-PCR Using Different Sample Sources: Review of the Literature. 2021 , 100, 131S-138S	21
1018	Implications of SARS-CoV-2 on current and future operation and management of wastewater systems. 2021 , 93, 502-515	9
1017	A review on medical management of inflammatory bowel disease during the coronavirus disease 2019 pandemic. 2021 , 36, 918-926	5
1016	Sample for COVID Detection: A Novel Hypothesis. 2020 , 73, 1-3	2
1015	Implications of the severe acute respiratory syndrome associated with the novel coronavirus-2 on vascular surgery practices. 2021 , 73, 4-11.e2	9
1014	30-day mortality for fractured neck of femur patients with concurrent COVID-19 infection. 2021 , 31, 341-347	19
1013	Implications of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) epidemic for sexual behaviours of men who have sex with men. 2021 , 22, e7-e8	
1012	Transplantation in the era of the Covid-19 pandemic: How should transplant patients and programs be handled?. 2021 , 31, 1-9	9
1011	Nigerian undergraduate dental students' knowledge, perception, and attitude to COVID-19 and infection control practices. 2021 , 85, 187-196	16

1010	Severe acute respiratory syndrome coronavirus-2: implications for blood safety and sufficiency. 2021 , 116, 155-166	12
1009	SARS-CoV-2 in environmental perspective: Occurrence, persistence, surveillance, inactivation and challenges. 2021 , 405, 126893	64
1008	Evaluation of three commercial assays for SARS-CoV-2 molecular detection in upper respiratory tract samples. 2021 , 40, 269-277	27
1007	Utility of the FebriDx point-of-care test for rapid triage and identification of possible coronavirus disease 2019 (COVID-19). 2021 , 75, e13702	7
1006	Comparison of four commercial SARS-CoV-2 IgG immuno-assays in RT-PCR negative patients with suspect CT findings. 2021 , 49, 145-148	2
1005	Identification of the RNase-binding site of SARS-CoV-2 RNA for anchor primer-PCR detection of viral loading in 306 COVID-19 patients. 2021 , 22, 1215-1224	1
1004	The impact of COVID-19 on food systems, safety, and security-a symposium report. 2021 , 1484, 3-8	14
1003	Coronavirus Disease-2019 Treatment Strategies Targeting Interleukin-6 Signaling and Herbal Medicine. 2021 , 25, 13-22	5
1002	Covid-19 Containment: Demystifying the Research Challenges and Contributions Leveraging Digital Intelligence Technologies. 2021 , 193-214	
1001	COVID-19 FAQs in paediatric and congenital cardiology: AEPC position paper. 2021 , 31, 344-351	2
1000	[Management of samples in pathology laboratories and biobanks during the Covid-19 pandemic]. 2021 , 2021, 36-42	
999	Implications of False Positive SARS-CoV-2 by PCR Test in the Health Care Work Force. 2021 , 39-42	
998	COVID-19 Dynamics: A Heterogeneous Model. 2020 , 8, 558368	2
997	SARS-CoV-2 susceptibility of cell lines and substrates commonly used in diagnosis and isolation of influenza and other viruses.	
996	Respiratory Protective Equipment for Healthcare Providers During Coronavirus Pandemic: "Nec Temere, Nec Timide". 2020 , 58, 268-273	
995	SARS-CoV-2 in Mexico: Beyond Detection Methods, Scope and Limitations. 2021 , 11,	2
994	Organizing pneumonia as a manifestation of coronavirus disease 2019. 2021 , 71, 210-212	
993	Pragmatic Recommendations for the Use of Diagnostic Testing and Prognostic Models in Hospitalized Patients with Severe COVID-19 in Low- and Middle-Income Countries. 2021 ,	2

992	A Narration: 20th v/s 21st Century: Pandemic v/s Another Pandemic: Virus v/s Another Virus (Spanish Flu V/S COVID-19). 2021 , 3, 1-8	
991	Radiologically Suspected Organizing Pneumonia in a Patient Recovering from COVID-19: A Case Report. 2021 ,	1
990	Encyclopedia of Gerontology and Population Aging. 2021, 1-8	
989	COVID-Net US: A Tailored, Highly Efficient, Self-attention Deep Convolutional Neural Network Design for Detection of COVID-19 Patient Cases from Point-of-Care Ultrasound Imaging. 2021 , 191-202	
988	Pathogenic Human Coronaviruses. 2021 ,	2
987	Chest X-ray image phase features for improved diagnosis of COVID-19 using convolutional neural network. 2021 , 16, 197-206	15
986	SARS-CoV-2 Leakage From the Gas Outlet Port During Extracorporeal Membrane Oxygenation for COVID-19. 2021 , 67, 511-516	2
985	Expression of SARS-CoV-2 entry factors in human oral tissue. 2021 , 238, 1341-1354	9
984	The gut microbiome of COVID-19 recovered patients returns to uninfected status in a minority-dominated United States cohort. 2021 , 13, 1-15	12
983	Expression of innate immune response genes in upper airway samples of SARS-CoV-2 infected patients: A preliminary study. 2021 , 153, 677-683	1
982	COVID-19 Point-of-Care Diagnostics That Satisfy Global Target Product Profiles. 2021 , 11,	9
981	Ruling out COVID-19 by chest CT at emergency admission when prevalence is low: the prospective, observational SCOUT study. 2021 , 22, 13	5
980	Rapid COVID-19 Screening Based on Self-Reported Symptoms: Psychometric Assessment and Validation of the EPICOVID19 Short Diagnostic Scale. 2021 , 23, e23897	15
979	Quantitative Assessment of SARS-CoV-2 Virus in Nasopharyngeal Swabs Stored in Transport Medium by a Straightforward LC-MS/MS Assay Targeting Nucleocapsid, Membrane, and Spike Proteins. 2021 , 20, 1434-1443	11
978	Real time it-monitoring of wastewater quality in the prevention of the COVID-19 pandemic. 2021 , 46, 19-27	
977	A systematic review on the recurrence of SARS-CoV-2 virus: frequency, risk factors, and possible explanations. 2021 , 53, 315-324	11
976	YouTube Videos Demonstrating the Nasopharyngeal Swab Technique for SARS-CoV-2 Specimen Collection: Content Analysis. 2021 , 7, e24220	7
975	Are surgical and non-operating room intervention safe in the COVID-19 pandemic? A retrospective study. 2021 , 149, e210	

974	Clinicopathologic Features of COVID-19: A Case Report and Value of Forensic Autopsy in Studying SARS-CoV-2 Infection. 2021 , 42, 164-169	2
973	The Convolutional Neural Network Used to Classify COVID-19 X-ray Images. 2021 , 1958-1962	
972	Fluoroscopy, a useful alternative for confirming accurate placement of double-lumen tube or bronchial blocker. 2021 , 15, 473-474	
971	Seasonal Effect of Sunlight on COVID-19 among Countries with and without Lock-Downs. 2021 , 11, 303-325	3
970	Evaluation of different respiratory samples and saliva for the detection of SARS-CoV-2 RNA.	1
969	COVID 19 infection: Pediatric perspectives. 2021 , 2, e12375	11
968	Pulmonary embolisms in patients with COVID-19: A prevalence study in a tertiary hospital. 2021 , 63, 13-21	1
967	An Overview of Nucleic Acid Testing for the Novel Coronavirus SARS-CoV-2. 2020 , 7, 571709	6
966	Characteristics of COVID-19 Patients Based on the Results of Nucleic Acid and Specific Antibodies and the Clinical Relevance of Antibody Levels. 2020 , 7, 605862	1
965	SARS-CoV-2 antigenemia/viremia masks seroconversion in a COVID-19 patient.	
964	Strategies to continue epilepsy surgery during the coronavirus disease (COVID-19) crisis. 2021 , 13, 22-30	
963	How Malaysia Counters Coronavirus Disease (COVID-19): Challenges and Recommendations. 2021 , 75-96	1
962	Emergency cesarean section in a COVID-19 patient: A case report. 2021 , 15, 40-42	О
961	CapsCovNet: A Modified Capsule Network to Diagnose COVID-19 From Multimodal Medical Imaging 2021 , 2, 608-617	2
960	Clinical Impact of COVID-19 Outbreak on Cancer Patients: A Retrospective Study. 2021 , 15, 11795549211043	427
959	Clinical diagnosis of COVID-19: a prompt, feasible, and sensitive diagnostic tool for COVID-19 based on a 1,757-patient cohort (The AndroCoV Clinical Scoring for COVID-19 diagnosis).	1
958	An environmental study of tracheostomy on eight COVID-19 patients. 2021 , 50, 3	6
957	Current Evidence on Coronavirus Disease-2019: A Comprehensive Review. 2021 , 3, 65-73	1

956	Diagnostic Tests for COVID-19. 2021 , 1318, 403-412	0
955	Diagnosis of SARS-CoV-2 in children: accuracy of nasopharyngeal swab compared to nasopharyngeal aspirate. 2021 , 40, 1155-1160	1
954	Proteinuria in COVID-19: prevalence, characterization and prognostic role. 2021 , 34, 355-364	14
953	Discovery of a Generalization Gap of Convolutional Neural Networks on COVID-19 X-Rays Classification. 2021 , 9, 72970-72979	11
952	COVID-19 re-infection or persistent infection in patient with acute myeloid leukaemia M3: a mini review. 2021 , 39, 100830	2
951	Detection technologies and recent developments in the diagnosis of COVID-19 infection. 2021 , 105, 441-455	49
950	Sensitivity of SARS-CoV-2 Detection With Nasopharyngeal Swabs. 2020 , 8, 593491	15
949	Recommendations for ophthalmologic practice during the easing of COVID-19 control measures. 2021 , 99, e973-e983	5
948	Lesson of the month: Severe granulomatosis with polyangiitis (GPA): a diagnostic challenge during the COVID-19 pandemic. 2021 , 21, 79-80	2
947	Deep learning for differentiating novel coronavirus pneumonia and influenza pneumonia. 2021 , 9, 111	3
946	Implications in the quantitation of SARS-CoV2 copies in concurrent nasopharyngeal swabs, whole mouth fluid and respiratory droplets.	
945	From impossible to possible: the lessons from the control of recent COVID-19 outbreaks in China. 2021 , 17, 1600-1612	1
944	The AndroCoV Clinical Scoring for COVID-19 Diagnosis: A Prompt, Feasible, Costless, and Highly Sensitive Diagnostic Tool for COVID-19 Based on a 1757-Patient Cohort. 2021 , 13, e12565	5
943	Human Viruses: Infection, Prevention and Potential Target(s) for Therapy 🖪 Comprehensive Review. 2021 , 3-54	
942	The emerging SARS-CoV, MERS-CoV, and SARS-CoV-2: An insight into the viruses zoonotic aspects. 2021 , 14, 190-199	6
941	Chronic comorbidities and clinical outcomes in patients with and without COVID-19: a large population-based study using national administrative healthcare open data of Mexico. 2021 , 16, 1507-1517	12
940	COVID-19 screening test by using random oropharyngeal saliva. 2021 , 93, 2461-2466	6
939	New challenges in the department of assisted reproductive technology due to the COVID-19 pandemic. 2021 , 27, 65	

938	Using excess deaths and testing statistics to improve estimates of COVID-19 mortalities. 2021 ,	2
937	Evaluation of a comprehensive pre-procedural screening protocol for COVID-19 in times of a high SARS CoV-2 prevalence: a prospective cross-sectional study. 2021 , 53, 337-344	3
936	The Conundrum of Giglio Island: Unraveling the dynamics of an apparent resistance to COVID-19 - A descriptive study. 2021 , 19, 1467-1471	O
935	Impact of COVID-19 Pandemic and Pattern of Patient Care in Otorhinolaryngology Practice in a Tertiary Referral Centre. 2021 , 1-8	Ο
934	Correlating WHO COVID-19 interim guideline 2020.5 and testing capacity, accuracy, and logistical challenges in Africa. 2021 , 39, 89	2
933	COVID-19: Epidemiology and Transmission Methods. 2021 , 21-33	
932	How Do We Manage Hematopoietic Cell Transplant during the SARS-CoV-2 Pandemic?. 2021 , 144, 500-507	1
931	Coronavirus Disease 2019 (COVID-19): Prevention and Control in Gynecological Outpatient Clinic. 2020 , 8, 618494	4
930	Coronaviruses: What Should We Know About the Characteristics of Viruses?. 2021 , 1318, 23-39	
929	Pediatric Covid-19 Lung Ultrasound. 2021 , 51-67	
929 928	Pediatric Covid-19 Lung Ultrasound. 2021 , 51-67 Impact of COVID-19 Lockdown on Admissions to a Tertiary Maternity Hospital in Srinagar. 2021 , 13, 55-57	0
		0 19
928	Impact of COVID-19 Lockdown on Admissions to a Tertiary Maternity Hospital in Srinagar. 2021 , 13, 55-57 Understanding COVID-19 Pandemic: Molecular Mechanisms and Potential Therapeutic Strategies.	
928	Impact of COVID-19 Lockdown on Admissions to a Tertiary Maternity Hospital in Srinagar. 2021 , 13, 55-57 Understanding COVID-19 Pandemic: Molecular Mechanisms and Potential Therapeutic Strategies. An Evidence-Based Review. 2021 , 14, 13-56 A systematic review and realist synthesis on toilet paper hoarding: COVID or not COVID, that is the	19
928 927 926	Impact of COVID-19 Lockdown on Admissions to a Tertiary Maternity Hospital in Srinagar. 2021, 13, 55-57 Understanding COVID-19 Pandemic: Molecular Mechanisms and Potential Therapeutic Strategies. An Evidence-Based Review. 2021, 14, 13-56 A systematic review and realist synthesis on toilet paper hoarding: COVID or not COVID, that is the question. 2021, 9, e10771 Assessment of water and sanitation systems at Palestinian healthcare facilities: pre- and	19 5
928 927 926 925	Impact of COVID-19 Lockdown on Admissions to a Tertiary Maternity Hospital in Srinagar. 2021, 13, 55-57 Understanding COVID-19 Pandemic: Molecular Mechanisms and Potential Therapeutic Strategies. An Evidence-Based Review. 2021, 14, 13-56 A systematic review and realist synthesis on toilet paper hoarding: COVID or not COVID, that is the question. 2021, 9, e10771 Assessment of water and sanitation systems at Palestinian healthcare facilities: pre- and post-COVID-19. 2021, 193, 41	19 5
928 927 926 925	Impact of COVID-19 Lockdown on Admissions to a Tertiary Maternity Hospital in Srinagar. 2021, 13, 55-57 Understanding COVID-19 Pandemic: Molecular Mechanisms and Potential Therapeutic Strategies. An Evidence-Based Review. 2021, 14, 13-56 A systematic review and realist synthesis on toilet paper hoarding: COVID or not COVID, that is the question. 2021, 9, e10771 Assessment of water and sanitation systems at Palestinian healthcare facilities: pre- and post-COVID-19. 2021, 193, 41 Detection of COVID-19 by X-rays Using Machine Learning and Deep Learning Models. 2021, 409-421 Conventional flexible bronchoscopy during the COVID pandemic: A consensus statement from the	19 5 6

920	Innovations in otorhinolaryngology in the age of COVID-19: a systematic literature review. 2021 ,	6
919	Gastrointestinal disorders in COVID-19 patients: a great imitator.	O
918	A Systematic Review on the Impact of the COVID-19 Pandemic on Neurosurgical Practice and Indian Perspective. 2021 , 16, 24-32	1
917	Relationship between CT Severity Score and Capillary Blood Oxygen Saturation in Patients with COVID-19 Infection. 2021 , 25, 279-283	5
916	Impact of the Covid-19 Pandemic on Orthopaedic and Trauma Surgery - A Systematic Review of the Current Literature. 2021 , 35, 1337-1343	5
915	Effect of the Photocatalyst under Visible Light Irradiation in SARS-CoV-2 Stability on an Abiotic Surface. 2021 , 26, 119-125	1
914	SARS-CoV-2 Spike Protein 1 Activates Microvascular Endothelial Cells and Complement System Leading to Thrombus Formation.	1
913	Hip Fractures in the Elderly During the COVID-19 Pandemic: A Latin-American Perspective With a Minimum 90-Day Follow-Up. 2021 , 12, 21514593211024509	3
912	COVID-19 and Pregnancy. 2021 , 21, 337-353	1
911	Nanomaterial-based drug delivery systems as promising carriers for patients with COVID-19 2021 , 11, 26463-26480	7
910	A review on human body fluids for the diagnosis of viral infections: scope for rapid detection of COVID-19. 2021 , 21, 31-42	7
909	COVID-19 identification from volumetric chest CT scans using a progressively resized 3D-CNN incorporating segmentation, augmentation, and class-rebalancing. 2021 , 26, 100709	4
908	COVID-19 & Sociocultural Determinants of Global Sanitation: An Aide-Minoire and Call to Decolonize Global Sanitation Research & Practice. 2021 , 87, 91	
907	Analysis of viral load in different specimen types and serum antibody levels of COVID-19 patients. 2021 , 19, 30	19
906	COVID-19 pathogenesis, prognostic factors, and treatment strategy: Urgent recommendations. 2021 , 93, 2694-2704	9
905	Antigen tests for COVID-19. 2021 , 18, 28-39	5
904	The COVID-Kidney Controversy: Can SARS-CoV-2 Cause Direct Renal Infection?. 2021, 145, 275-279	6
903	Recent Developments on Therapeutic and Diagnostic Approaches for COVID-19. 2021 , 23, 14	93

902	Suitcase Lab for Rapid Detection of SARS-CoV-2 Based on Recombinase Polymerase Amplification Assay. 2021 , 93, 2627-2634	34
901	The impact of the COVID-19 pandemic on maternal and perinatal health: a scoping review. 2021 , 18, 10	117
900	Detection of Severe Acute Respiratory Syndrome Coronavirus 2 in the Pleural Fluid. 2021 , 53, 578-581	2
899	COVID-19 Detection Using Deep Learning. 2021 , 263-269	3
898	Effect of COVID-19 pandemic on the workflow of endoscopy units: an international survey. 2021 , 14, 17562848211006678	1
897	Home quarantine in COVID-19: A study on 50 consecutive patients in Austria. 2021 , 21, e9-e13	4
896	Human Oocytes Express Both ACE2 and BSG Genes and Corresponding Proteins: Is SARS-CoV-2 Infection Possible?. 2021 , 17, 278-284	7
895	Role of radiology in RT-PCR negative COVID-19 pneumonia: Review and recommendations. 2021 , 10, 1814-1817	2
894	Mapping the footprints of COVID-19 pandemic. 2021 , 10, 2467-2476	2
893	Stay (GI) Healthy: COVID-19 and Gastrointestinal Manifestations. 2021 , 23, 179-189	9
892	Application of Hand Disinfectant Gel Using a SCARA. 2021 , 13-23	2
891	Combined oropharyngeal/nasal swab is equivalent to nasopharyngeal sampling for SARS-CoV-2 diagnostic PCR. 2021 , 21, 31	9
890	Evaluation of SARS-CoV-2 in Human Semen and Effect on Total Sperm Number: A Prospective Observational Study. 2021 , 39, 489-495	17
889	Current understanding of the surface contamination and contact transmission of SARS-CoV-2 in healthcare settings. 2021 , 19, 1-10	19
888	Guidelines and Safety Considerations in the Laboratory Diagnosis of SARS-CoV-2 Infection: A Prerequisite Study for Health Professionals. 2021 , 14, 379-389	13
887	Cancer surgery during the COVID-19 pandemic: The experience of a comprehensive cancer center performing preoperative screening by RT-PCR and chest CT scan. 2021 , 123, 815-822	O
886	Suggestions on cleavage embryo and blastocyst vitrification/transfer based on expression profile of ACE2 and TMPRSS2 in current COVID-19 pandemic. 2021 , 88, 211-216	2
885	The psychological impact of COVID-19 on ear, nose and throat (ENT) specialists. 2021 , 1	1

884	Lower respiratory tract sampling via bronchoscopy in COVID-19 ARDS: A focus on microbiology, cellular morphology, cytology and management impact.	1
883	Novel coronavirus (severe acute respiratory syndrome coronavirus 2) as threat to general and reproductive health: Challenges and research needs. 2, 19-25	
882	COVID-19 and male reproduction: Current research and unknown factors. 2021 , 9, 1027-1037	3
881	Comparison of nasopharyngeal samples for SARS-CoV-2 detection in a paediatric cohort. 2021 , 57, 1078-1081	2
880	A potent bispecific nanobody protects hACE2 mice against SARS-CoV-2 infection via intranasal administration.	3
879	The Era of the Coronavirus Disease 2019 Pandemic: A Review on Dynamics, Clinical Symptoms and Complications, Diagnosis, and Treatment. 2021 , 25, 85-101	4
878	Microbiota Modulation of the Gut-Lung Axis in COVID-19. 2021 , 12, 635471	53
877	DETECT Schools Study Protocol: A Prospective Observational Cohort Surveillance Study Investigating the Impact of COVID-19 in Western Australian Schools. 2021 , 9, 636921	3
876	SARS-CoV-2 RNA in plasma samples of COVID-19 affected individuals: a cross-sectional proof-of-concept study. 2021 , 21, 184	14
875	COVID-19 reinfection in two children with cancer. 2021 , 38, 403-405	O
874	COVID-19 and Dentistry in 72 Questions: An Overview of the Literature. 2021 , 10,	6
873	The diagnostic challenge of pneumocystis pneumonia and COVID-19 co-infection in HIV. 2021 , 9, e00725	5
872	Argon Plasma Coagulation: Elucidation of the Mechanism of Gas Embolism. 2021 , 1-5	1
871	Diagnostic accuracy of RT-PCR for detection of SARS-CoV-2 compared to a flomposite reference standardIn hospitalized patients.	3
870	Health Care Professionals' Confidence and Preferences for Diagnostic Assays for SARS-CoV-2: A Global Study. 2021 , 9, 569315	1
869	Molecular diagnostic assays for COVID-19: an overview. 2021 , 58, 385-398	21
868	SARS-CoV-2 infection in children. 2020 , 55, 95-102	11
867	COVID-19 Antibody Tests and Their Limitations. 2021 , 6, 593-612	56

866	Long-term sero-positivity for IgG, sequelae of respiratory symptoms, and abundance of malformed sperms in a patient recovered from severe COVID-19. 2021 , 40, 1559-1567	4
865	COVID-19 Crisis Creates Opportunity towards Global Monitoring & Surveillance. 2021 , 10,	6
864	Presence of SARS-CoV-2 RNA in Semen-Cohort Study in the United States COVID-19 Positive Patients. 2021 , 13, 96-101	16
863	Covid CT-net: A deep learning framework for COVID-19 prognosis using CT images. 2021 , 24, 327-352	6
862	The detection of SARS-CoV-2 in autolysed samples from an exhumed decomposed body: Implications to virus survival, genome stability and spatial distribution in tissues.	1
861	SARS-CoV-2 infection: molecular mechanisms of severe outcomes to suggest therapeutics. 2021 , 18, 105-118	2
860	A diagnostic host response biosignature for COVID-19 from RNA profiling of nasal swabs and blood. 2021 , 7,	22
859	Optical Tracking of the Interfacial Dynamics of Single SARS-CoV-2 Pseudoviruses. 2021 , 55, 4115-4122	8
858	Case Discussion and Literature Review: Cancer Immunotherapy, Severe Immune-Related Adverse Events, Multi-Inflammatory Syndrome, and Severe Acute Respiratory Syndrome Coronavirus 2. 2021 , 11, 625707	5
857	Preventing SARS-CoV-2 In-Hospital Infections in Cardiovascular Patients and Medical Staff: An Observational Study From the German Heart Center Berlin. 2020 , 7, 616648	0
856	16S rRNA gene sequencing of rectal swab in patients affected by COVID-19. 2021 , 16, e0247041	7
855	Assessing the impact of COVID 19 on male fertility: A systematic review. 2, 12-18	
854	Chloroquine or hydroxychloroquine for prevention and treatment of COVID-19. 2021 , 2, CD013587	57
853	Perinatology clinic in the coronavirus disease-2019 pandemic: what harms, often teaches. 2021 , 34, 3591-360	0
852	A Role for Extracellular Vesicles in SARS-CoV-2 Therapeutics and Prevention. 2021 , 16, 270-288	11
851	Passive Microwave Radiometry for the Diagnosis of Coronavirus Disease 2019 Lung Complications in Kyrgyzstan. 2021 , 11,	8
850	Post-Infectious Guillain-Barr Syndrome Related to SARS-CoV-2 Infection: A Systematic Review. 2021 , 11,	12
849	Challenges in Sedation Management in Critically Ill Patients with COVID-19: a Brief Review. 2021 , 11, 1-9	2

848	Evaluation of Antibody Response in Symptomatic and Asymptomatic COVID-19 Patients and Diagnostic Assessment of New IgM/IgG ELISA Kits. 2021 , 10,	12
847	Rapid electrochemical detection of coronavirus SARS-CoV-2. 2021 , 12, 802	113
846	Implications of SARS-CoV-2 infection for neurogastroenterology. 2021 , 33, e14104	16
845	The gut microbiome: a missing link in understanding the gastrointestinal manifestations of COVID-19?. 2021 , 7,	7
844	Equivalent SARS-CoV-2 viral loads by PCR between nasopharyngeal swab and saliva in symptomatic patients. 2021 , 11, 4500	17
843	The Limit of Detection Matters: The Case for Benchmarking Severe Acute Respiratory Syndrome Coronavirus 2 Testing. 2021 , 73, e3042-e3046	31
842	[Histopathological features due to the SARS-CoV-2]. 2021 , 41, 9-22	2
841	Admission COVID-19 clinical risk assessment for guiding patient placement and diagnostic testing strategy. 2021 , 21, e140-e143	O
840	CO-RADS versus CT-SS scores in predicting severe COVID-19 patients: retrospective comparative study. 2021 , 15,	5
839	Time course of the sensitivity and specificity of anti-SARS-CoV-2 IgM and IgG antibodies for symptomatic COVID-19 in Japan. 2021 , 11, 2776	17
838	SARS-CoV-2 early infection signature identified potential key infection mechanisms and drug targets. 2021 , 22, 125	9
837	COVID-19-associated Nephropathy Includes Tubular Necrosis and Capillary Congestion, with Evidence of SARS-CoV-2 in the Nephron 2021 , 2, 639-652	6
836	Eosinopenia . 2021 , 54, 61-68	10
835	Protocol for Safe, Affordable, and Reproducible Isolation and Quantitation of SARS-CoV-2 RNA from Wastewater.	2
834	Transfusion profile, clinical characteristics, comorbidities and outcomes of 3014 hospitalized patients diagnosed with COVID-19 in Brazil. 2021 , 116, 983-989	1
833	Adverse Outcomes Associated With Corticosteroid Use in Critical COVID-19: A Retrospective Multicenter Cohort Study. 2021 , 8, 604263	4
832	Transmission Routes of Severe Acute Respiratory Syndrome Coronavirus 2 Among Healthcare Workers of a French University Hospital in Paris, France. 2021 , 8, ofab054	4
831	Automated Detection of COVID-19 through Convolutional Neural Network using Chest x-ray images.	2

830	Case Report: Identification of SARS-CoV-2 in Cerebrospinal Fluid by Ultrahigh-Depth Sequencing in a Patient With Coronavirus Disease 2019 and Neurological Dysfunction. 2021 , 8, 629828	1
829	Defogging Strategy for Protective Eye Goggles to Prevent Microorganism Transmission While Performing Neurosurgical Procedures. 2021 , 12, 447-449	
828	The type 2 asthma mediator IL-13 inhibits SARS-CoV-2 infection of bronchial epithelium. 2021,	1
827	Analysis of Factors Causing False-Negative Real-Time Polymerase Chain Reaction Results in Oropharyngeal and Nasopharyngeal Swabs of Patients With COVID-19. 2021 , 145561321996621	5
826	Neurological associations of SARS-CoV-2 infection: A Systematic Review. 2021 ,	6
825	Gestione del Covid-19 in et□pediatrica: documento di consenso. 2021 , 40, 85-101	4
824	Diagnosing COVID-19; towards a feasible COVID-19 rule-out protocol. 2021 , 1-9	1
823	SARS-CoV2 antigen in whole mouth fluid may be a reliable rapid detection tool. 2021,	8
822	COVID-19 Preprocedural Testing: What About the False Positives?. 2021 , 165, 3-4	
821	A Robust, Safe, and Scalable Magnetic Nanoparticle Workflow for RNA Extraction of Pathogens from Clinical and Wastewater Samples. 2021 , 5, 2000068	6
820	Comparative evaluation of 19 reverse transcription loop-mediated isothermal amplification assays for detection of SARS-CoV-2. 2021 , 11, 2936	15
819	Are Smoke and Aerosols Generated During Laparoscopic Surgery a Biohazard? A Systematic Evidence-Based Review. 2021 , 28, 485-495	1
818	The impact of COVID-19 on kidney transplantation and the kidney transplant recipient - One year into the pandemic. 2021 , 34, 612-621	13
817	Potential intestinal infection and faecal-oral transmission of SARS-CoV-2. 2021 , 18, 269-283	107
816	Intra-host variation and evolutionary dynamics of SARS-CoV-2 populations in COVID-19 patients. 2021 , 13, 30	36
815	Propolis antiviral and immunomodulatory activity: a review and perspectives for COVID-19 treatment. 2021 , 73, 281-299	20
814	COVID-19: a new deep learning computer-aided model for classification. 2021 , 7, e358	15
813	Predictive performance of CT for adverse outcomes among COVID-19 suspected patients: a two-center retrospective study. 2021 , 21, 739-745	1

8₁₂ Can Covid-19 in Wastewater Be Removed by Membrane Processes? A brief review.

811	A Journey From SARS-CoV-2 to COVID-19 and Beyond: A Comprehensive Insight of Epidemiology, Diagnosis, Pathogenesis, and Overview of the Progress into Its Therapeutic Management. 2021 , 12, 576448	5
810	SARS-CoV-2 and the Gastrointestinal Tract in Children. 2021 , 9, 617980	15
809	COVID-19 and Diagnostic Testing for SARS-CoV-2 by RT-qPCR-Facts and Fallacies. 2021 , 22,	8
808	Lasting antibody and T cell responses to SARS-CoV-2 in COVID-19 patients three months after infection. 2021 , 12, 897	36
807	Combined lymphocyte/monocyte count, D-dimer and iron status predict COVID-19 course and outcome in a long-term care facility. 2021 , 19, 79	9
806	SARS-CoV-2 RNA Detection with Duplex-Specific Nuclease Signal Amplification. 2021 , 12,	4
805	Human Milk Antibodies Against S1 and S2 Subunits from SARS-CoV-2, HCoV-OC43, and HCoV-229E in Mothers with A Confirmed COVID-19 PCR, Viral SYMPTOMS, and Unexposed Mothers. 2021 , 22,	18
804	Effect of COVID-19 lockdown on the water quality index of River Gomti, India, with potential hazard of faecal-oral transmission. 2021 , 28, 33021	33
803	Detection of SARS-CoV-2 in fecal samples with different pretreatment methods and PCR kits. 2021 , 21, 56	4
802	Exposure to SARS-CoV-2 in Aerosolized Wastewater: Toilet Flushing, Wastewater Treatment, and Sprinkler Irrigation. 2021 , 13, 436	9
801	Transmission routes, preventive measures and control strategies of SARS-CoV-2 in the food factory. 2021 , 1-12	6
800	Research progress in laboratory detection of SARS-CoV-2. 2021 , 1	О
799	Thyroiditis and SARS-CoV-2 pandemic: a review. 2021 , 72, 326-331	18
798	Modeling of SARS-CoV-2 Treatment Effects for Informed Drug Repurposing. 2021 , 12, 625678	7
797	Effect of using barrier devices on intubation times and performancell randomized, prospective, crossover manikin study. 1	1
796	Towards a sensitive and accurate interpretation of molecular testing for SARS-CoV-2: a rapid review of 264 studies. 2021 , 26,	2
795	RT-RC-PCR: a novel and highly scalable next-generation sequencing method for simultaneous detection of SARS-COV-2 and typing variants of concern.	

794	Molecular (real-time reverse transcription polymerase chain reaction) diagnosis of SARS-CoV-2 infections: complexity and challenges. 2021 , 45, 135-142	2
793	False negative results on PCR for SARS-COV-2 using nasopharyngeal swab. 2021 , 53, 733-735	1
792	Faecal shedding models for SARS-CoV-2 RNA amongst hospitalised patients and implications for wastewater-based epidemiology.	11
791	Diagnostic Value of IgM and IgG Detection in COVID-19 Diagnosis by the Mobile Laboratory B-LiFE: A Massive Testing Strategy in the Piedmont Region. 2021 , 18,	O
790	COVID-19 Vaccine Roll-Out in South Africa and Zimbabwe: Urgent Need to Address Community Preparedness, Fears and Hesitancy. 2021 , 9,	49
789	Potential Risk and Safety Measures in Laparoscopy in COVID-19 Positive Patients. 2021 , 15533506211003527	3
788	Quantitative assessment of SARS-CoV-2 RNAemia and outcome in patients with coronavirus disease 2019. 2021 , 93, 3165-3175	14
787	Nanotechnology advances in pathogen- and host-targeted antiviral delivery: multipronged therapeutic intervention for pandemic control. 2021 , 11, 1420-1437	10
786	A RANDOMIZED TRIAL - INTENSIVE TREATMENT BASED IN IVERMECTIN AND IOTA-CARRAGEENAN AS PRE-EXPOSURE PROPHYLAXIS FOR COVID- 19 IN HEALTHCARE AGENTS.	9
785	Clinical applications of detecting IgG, IgM or IgA antibody for the diagnosis of COVID-19: A meta-analysis and systematic review. 2021 , 104, 415-422	17
784	Pandemic Autopsy Biosafety Considerations. 2021 , 26, 93-99	
783	COVID-19 pandemic: the implications of the natural history, challenges of diagnosis and management for care in sub-Saharan Africa. 2021 , 10, 16	1
782	Covid-19 Identification Using Deep Neural Networks. 2021 ,	Ο
781	Development of General Methods for Detection of Virus by Engineering Fluorescent Silver Nanoclusters. 2021 , 6, 613-627	10
780	A Comprehensive Analysis of Maternal and Newborn Disease and Related Control for COVID-19. 2021 , 3, 1-23	5
779	Noninvasive sampling of the distal airspace via HME-filter fluid is not useful to detect SARS-CoV-2 in intubated patients. 2021 , 25, 126	1
778	Learning Through One Shot: A Phase by Phase Approach for COVID-19 Chest X-ray Classification. 2021 ,	4
777	Review R ecent Development of Detection Methods for Controlling COVID-19 Outbreak. 2021 , 168, 037511	3

776	The Potential Role for CT in the Diagnosis of Coronavirus Disease 2019. 2021 , 159, 906-907	O
775	Surveillance of Coronavirus Disease 2019 (COVID-19) Testing in Clinical Laboratories in Korea. 2021 , 41, 225-229	11
774	A Survey of Personnel Protective equipment's (PPE) Use and Comfort Levels Among Surgeons During Routine Cancer Surgery in the COVID-19 Pandemic. 2021 , 12, 1-9	4
773	Semen impairment and occurrence of SARS-CoV-2 virus in semen after recovery from COVID-19. 2021 , 36, 1520-1529	47
772	Nano-therapeutic strategies to target coronavirus. 2021 , 2, 20200155	4
771	COVID-19 with spontaneous pneumothorax, pneumomediastinum, and subcutaneous emphysema in the intensive care unit: Two case reports. 2021 , 14, 290-292	4
770	Intrauterine vertical SARS-CoV-2 infection: a case confirming transplacental transmission followed by divergence of the viral genome. 2021 , 128, 1388-1394	14
769	Upregulated IL-6 Indicates a Poor COVID-19 Prognosis: A Call for Tocilizumab and Convalescent Plasma Treatment. 2021 , 12, 598799	13
768	The characteristics of 527 discharged COVID-19 patients undergoing long-term follow-up in China. 2021 , 104, 685-692	7
767	Inactivation of Human Coronavirus by FATHHOME's Dry Sanitizer Device: Rapid and Eco-Friendly Ozone-Based Disinfection of SARS-CoV-2. 2021 , 10,	10
766	Inflammatory bowel disease and risk of severe COVID-19: A nationwide population-based cohort study in Sweden. 2021 , 9, 177-192	19
765	Higher clinical acuity and 7-day hospital mortality in non-COVID-19 acute medical admissions: prospective observational study. 2021 , 38, 366-370	3
764	Microbicidal actives with virucidal efficacy against SARS-CoV-2 and other beta- and alpha-coronaviruses and implications for future emerging coronaviruses and other enveloped viruses. 2021 , 11, 5626	17
763	Impact of the COVID-19 pandemic on liver donation and transplantation: A review of the literature. 2021 , 27, 928-938	6
762	Interventional pulmonary medicine. 2021 , 5, 97-100	
761	Extracorporeal Membrane Oxygenation (ECMO) System for Respiratory and Circulatory Support. 2021 , 35, 19-26	
760	Occurrence of SARS-CoV-2 in excreta, sewage, and environment: epidemiological significance and potential risks. 2021 , 1-21	5
759	COVID-19: Overview. 2021 , 48, 220-228	

758	Effect of COVID-19 pandemic on workflows and infection prevention strategies of endoscopy units in Hungary: a cross-sectional survey. 2021 , 21, 98	2
757	A mini review on the pathogenesis, diagnosis and treatment options for COVID-19. 2021 ,	
756	Approaching the Interpretation of Discordances in SARS-CoV-2 Testing. 2021 , 8, ofab144	1
755	COVID-19 Pandemic: Review of Contemporary and Forthcoming Detection Tools. 2021 , 14, 1049-1082	21
754	ASSURED-SQVM diagnostics for COVID-19: addressing the why, when, where, who, what and how of testing. 2021 , 21, 349-362	6
753	Recent advances in the diagnosis of COVID-19: a bird's eye view. 2021 , 21, 475-491	8
75 ²	Understanding the outcomes of COVID-19 - does the current model of an acute respiratory infection really fit?. 2021 , 102,	15
751	The Importance and Challenges of Identifying SARS-CoV-2 Reinfections. 2021 , 59,	41
750	A local experience of non-operative management for an appendicitis cohort during COVID-19. 2021 , 63, 102160	4
749	Donor to recipient transmission of SARS-CoV-2 by lung transplantation despite negative donor upper respiratory tract testing. 2021 , 21, 2885-2889	37
748	Psychosocial effects and clinic reflections of the COVID-19 outbreak in patients with acromegaly and Cushing's disease. 2021 , 24, 589-599	3
747	Scent dog identification of SARS-CoV-2 infections, similar across different body fluids.	
746	The first detection of SARS-CoV-2 RNA in the wastewater of Tehran, Iran. 2021, 28, 38629-38636	18
745	SARS-CoV-2: sewage surveillance as an early warning system and challenges in developing countries. 2021 , 28, 22221-22240	16
744	COVID-19 Diagnosis in Chest X-rays Using Deep Learning and Majority Voting. 2021 , 11, 2884	7
743	COVID-19 (SARS-CoV-2) in Non-Airborne body fluids: A systematic review & Meta-analysis. 2021 , 47, 87-97	1
742	When Clinicians Should Repeat RT-PCR for SARS-CoV-2: Repeat PCR Testing in Patients with Pulmonary CT Findings Suggestive of COVID-19. 2021 , 74, 161-165	4
741	Novel coronavirus (COVID-19) diagnosis using computer vision and artificial intelligence techniques: a review. 2021 , 80, 1-16	15

740	Computationally predicted SARS-COV-2 encoded microRNAs target NFKB, JAK/STAT and TGFB signaling pathways. 2021 , 22, 101012	21
739	An Overview of Spike Surface Glycoprotein in Severe Acute Respiratory Syndrome-Coronavirus. 2021 , 8, 637550	4
738	Characteristics and risk factors for SARS-CoV-2 among children in Italy: a cross-sectional study in 20 pediatric centers.	
737	A 78-Year-Old Woman With Diarrhea and Respiratory Failure. 2021 , 159, e159-e162	
736	The management of surgical patients in the emergency setting during COVID-19 pandemic: the WSES position paper. 2021 , 16, 14	10
735	The next-generation coronavirus diagnostic techniques with particular emphasis on the SARS-CoV-2. 2021 , 93, 4219-4241	5
734	Fecal Microbiota Transplantation during and Post-COVID-19 Pandemic. 2021 , 22,	4
733	Validation of self-collected buccal swab and saliva as a diagnostic tool for COVID-19. 2021 , 104, 255-261	15
732	Survival Ability of the COVID-19 Causative Agent in Aquatic Environment: A Literature Review. 2021 , 84-90	
731	The Unique Impact of COVID-19 on Human Gut Microbiome Research. 2021 , 8, 652464	7
730	Bronchoalveolar lavage in suspected COVID-19 cases with a negative nasopharyngeal swab: a retrospective cross-sectional study in a high-impact Northern Italy area. 2021 , 16, 1857-1864	9
729	Applicability of lung ultrasound in COVID-19 diagnosis and evaluation of the disease progression: A systematic review. 2021 , 27, 529-562	14
728	Fomite Transmission, Physicochemical Origin of Virus-Surface Interactions, and Disinfection Strategies for Enveloped Viruses with Applications to SARS-CoV-2. 2021 , 6, 6509-6527	22
727	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. 2021 , 27, 546-559	91
726	Characteristics and Detection Rate of SARS-CoV-2 in Alternative Sites and Specimens Pertaining to Dental Practice: An Evidence Summary. 2021 , 10,	2
725	Current and future perspectives of digital microscopy with fluorescence confocal microscope for prostate tissue interpretation: a narrative review. 2021 , 10, 1569-1580	1
724	Enrichment of SARS-CoV-2 entry factors and interacting intracellular genes in peripheral immune cells.	1
723	One-pot high-yield synthesis of Pd nanocubes for Pd-Ir nanocube-based immunoassay of nucleocapsid protein from SARS-CoV-2. 2021 , 413, 4635-4644	1

722	Diagnostic accuracy of symptoms as a diagnostic tool for SARS-CoV 2 infection: a cross-sectional study in a cohort of 2,173 patients. 2021 , 21, 255	5
721	Clinical decision support tool for diagnosis of COVID-19 in hospitals. 2021 , 16, e0247773	7
720	False-Negative Nasopharyngeal Swabs and Positive Bronchoalveolar Lavage: Implications for Chest CT in Diagnosis of COVID-19 Pneumonia. 2021 , 298, E160-E161	4
719	Immunodetection of Lung IgG and IgM Antibodies against SARS-CoV-2 via Enzymatic Liquefaction of Respiratory Samples from COVID-19 Patients. 2021 , 93, 5259-5266	3
718	Acute Ischemic Stroke and COVID-19: An Analysis of 27 676 Patients. 2021, 52, 905-912	7º
717	Sustaining University Operations During the COVID-19 Pandemic. 2021 , 1-9	4
716	Aerosol generation in public restrooms. 2021 , 33, 033320	13
715	Real-world outcomes in thoracic cancer patients with severe Acute respiratory syndrome Coronavirus 2 (COVID-19): Single UK institution experience. 2020 , 25, 100261	Ο
714	Prevention and disinfection in COVID-19. 2020 , 7, 56	
713	COVID-19: what have we learned?. 2020 , 46, e20200216	
712	Anesthesia for oral surgeries during the COVID-19 pandemic. 2020 , 36, S96-S104	
711	Historia de las infecciones por coronavirus y epidemiolog de la infecci por SARS-CoV-2. 2020 , 9, 149-159	
710	Recent discovery and development on SARS-CoV-2: A review of current literature. 2020, 9, 5113-5121	
709	Emergency neurological procedures during COVID-19 pandemic: Practical issues. 2020 , 36, S104-S109	
708	Accepting donors for heart transplant in the shadow of COVID-19. 2020 , 6, 195	
707	Pr t ica segura de audiologistas durante a pandemia de SARS-CoV-2 no Brasil. 25,	
706	Group Testing with Homophily to Curb Epidemics with Asymptomatic Carriers.	
705	COVID-19: Evaluation and diagnosis. 2020 , 7, 16	

704	COVID-19 news and views. 2020 , 4, 43	
703	Round-up. 2020 , 36, 159-162	
702	Sequential battery of COVID-19 testing to maximize negative predictive value before surgeries. 2020 , 47, e20202634	О
701	Global Pandemics, the Mother and Her Infant: Learning from the Past to Help the Future. 2020 , 1-57	
700	Enfermedad heptica y trasplante durante la pandemia COVID-19/SARS-CoV-2. 2020 , 9, 206-215	
699	A brand-new cardiorenal syndrome in the COVID-19 'setting. 2020 , 13, 291-296	12
698	Saudi association for the study of liver diseases and transplantation position statement on liver transplantation during the COVID-19 pandemic. 2020 , 26, 233-239	4
697	Past, present, and future of COVID-19: a review. 2020 , 53, e10475	4
696	Recombination Potential of SARS-CoV-2 and MERS-CoV.	
695	The Detection of Novel Coronavirus in Faecal Specimens of Patients with Confirmed COVID-19: A Systematic Review and Meta-Analysis.	
694	Negative pressure aerosol containment box: An innovation to reduce COVID-19 infection risk in healthcare workers. 2020 , 36, S144-S147	5
693	Neurological impairments in COVID-19 pandemic. 2020 , 61, 71-77	
692	順即即 陸 ovid-19. 2020, 198-203	
691	Traditional Indian practices: Time to revisit and re-adopt for a healthier lifestyle. 2020 , 36, S166-S171	
690	COMPARISON OF MOLECULAR AND SEROLOGICAL TESTS FOR SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 (SARS-COV-2) IN POST-EXPOSURE EMPLOYEES OF THE NEPHROLOGY DEPARTMENT. 2020 , 73, 2572-2575	
689	MEodos diagnEticos. 2020 , 33, 33-41	
688	Sensorineural Smell and Taste Alterations Are Highly Suggestive of SARS-CoV-2 Infection:	2

Chest X-Ray image and pathological data based artificial intelligence enabled dual diagnostic method for multi-stage classification of COVID-19 patients. **2021**, 8, 346-371

Cross-Sectional Study in an Epidemic Area.

686	COVID-19 and Laparoscopic Surgery: Scoping Review of Current Literature and Local Expertise (Preprint).	
685	COVID-19: Temas de inter∄ para el cirujano. 2020 , 35, 153-161	1
684	Early detection of superspreaders by mass group pool testing can mitigate COVID-19 pandemic.	1
683	Core warming of coronavirus disease 2019 (COVID-19) patients undergoing mechanical ventilation he protocol for a randomized controlled pilot study.	2
682	Microscopic Review of Nasopharyngeal Swabs as a Means of Benchside Quality Assurance.	
681	SARS-CoV-2 Virle Enfekte Kritik Dzey Hastalar ñ Tedavisinde Konvelesan (Enmun) Plazma Kullan in	
680	Effects of COVID-19 infection during pregnancy and neonatal prognosis: what is the evidence?.	
679	Are German endoscopy units prepared for the COVID-19 pandemic? A nationwide survey.	
678	Self-collection: an appropriate alternative during the SARS-CoV-2 pandemic.	1
677	Sudden onset anosmia and dysgeusia in two patients: An early sign of SARS-CoV-2 infection. 2020 , 49, 104027	
676	Smart Pooled sample Testing for COVID-19: A Possible Solution for Sparsity of Test Kits.	1
675	Link between serum lipid signature and prognostic factors in COVID-19 patients. 2021 , 11, 21633	3
674	Validating and optimizing the method for molecular detection and quantification of SARS-CoV-2 in wastewater. 2021 , 151434	2
673	Rectally shed SARS-CoV-2 in COVID-19 inpatients is consistently lower than respiratory shedding and lacks infectivity. 2021 ,	3
672	Identification and Development of Therapeutics for COVID-19. 2021 , e0023321	5
671	Estimate false-negative RT-PCR rates for SARS-CoV-2. A systematic review and meta-analysis. 2021 , e13706	12
670	Role of bronchoscopy in critically ill patients managed in intermediate care units - indications and complications: A narrative review. 2021 , 10, 334-344	0
669	Infection prevention measures and outcomes for surgical patients during a coronavirus disease 2019 (COVID-19) outbreak in a tertiary hospital in Daegu, South Korea. 2021 ,	

668	AIDCOV: An Interpretable Artificial Intelligence Model for Detection of COVID-19 from Chest Radiography Images. 2021 , 12, 1-20	5
667	CAR Macrophages for SARS-CoV-2 Immunotherapy.	1
666	SARS-CoV-2, the Tiny Creature which Scared the Globe 1-13	
665	In-house modification and improvement of the CDC real-time PCR diagnostic assay for SARS-CoV-2 detection.	
664	Paired nasopharyngeal and deep lung testing for SARS-CoV2 reveals a viral gradient in critically ill patients: a multi-centre study.	
663	Serial Profiling of SARS-CoV-2 Antigens and Antibodies in COVID-19 Patient Plasma.	2
662	Comparative Evaluation of 19 Reverse Transcription Loop-Mediated Isothermal Amplification Assays for Detection of SARS-CoV-2.	2
661	Nefropatia associata al SARS-CoV-2: cosa sappiamo finora. 2020 , 32, 102-106	
660	Necessary Heroes and Ethos, from Fighting Nazis to COVID-19. 2020 , 133, 1307-1310	O
659	Dealing with patients with suspected COVID-19 active infection: a challenge for emergency physicians. 2020 , 9,	O
658	Endourology and Benign Prostatic Hyperplasia in COVID-19 Pandemic. 2020 , 46, 34-38	3
657	Pathogenesis, immune response and laboratory diagnosis of severe acute respiratory syndrome associated Coronavirus 2. 2020 , 041-046	
656	No Traces of SARS-CoV-2 In Wounds of COVID-19 Positive Patients: A Pilot Study. 2020 , 53, 399-401	
655	Laboratory Diagnosis of Coronavirus Disease 19 (COVID-19) in Korea: Current Status, Limitation, and Challenges. 2020 , 52, 284-295	O
654	Validation of self-collected buccal swab and saliva as a diagnostic tool for COVID-19.	
653	Diagnostic performance of the combined nasal and throat swab in patients admitted to hospital with suspected COVID-19.	
652	What Specimen Urologists Should Be Most Concerned About ? A Systematic Review and Meta-Analysis.	
651	Group Testing with Homophily to Curb Epidemics with Asymptomatic Carriers.	

650	Development of SARS-CoV-2 Nucleocapsid Specific Monoclonal Antibodies. 2020 ,	2
649	脚 EOVID- 19 胍[[] -	
648	How to perform safe laparoscopic extraction of surgical specimen during the COVID-19 era. 2020 , 102, 641-642	
647	Diagnātico molecular de SARS-CoV-2. 2020 , 18, 35-41	1
646	Neurological Involvement of Patients with COVID-19: Proposed Neuroinvasive Mechanisms and Management. 2020 , 24,	
645	Coronavirus Disease 2019 Transmission: Blood Viremia and Aerosol Generation from Spinal Surgery. Is There an Increased Risk to the Surgical Team?. 2020 , 14, 702-709	O
644	Accuracy of Healthcare Professionals (Nasopharyngeal Swab Technique in SARS-CoV-2 Specimen Collection.	O
643	Validation of expert system enhanced deep learning algorithm for automated screening for COVID-Pneumonia on chest X-rays.	
642	Standard Blood Laboratory as a Clinical Support Tool to Distinguish between SARS-CoV-2 Positive and Negative Patients.	
641	In silico prediction of COVID-19 test efficiency with DinoKnot.	
640	Chaos, percolation and the coronavirus spread: a two-step model. 2020 , 135, 799	6
639	Chaos, percolation and the coronavirus spread: a two-step model. 2020 , 135, 799 Molecular genetic analysis SARS-CoV-2 of asymptomatic patients in Rostov region. 2020 , 11, 48-53	6
		6
639	Molecular genetic analysis SARS-CoV-2 of asymptomatic patients in Rostov region. 2020 , 11, 48-53	6
639	Molecular genetic analysis SARS-CoV-2 of asymptomatic patients in Rostov region. 2020 , 11, 48-53 SARS-CoV-2 detection by nasal strips: a superior tool for surveillance of pediatric populations. Transmission routes of SARS-CoV-2 among healthcare workers of a French university hospital in	6
639 638 637	Molecular genetic analysis SARS-CoV-2 of asymptomatic patients in Rostov region. 2020, 11, 48-53 SARS-CoV-2 detection by nasal strips: a superior tool for surveillance of pediatric populations. Transmission routes of SARS-CoV-2 among healthcare workers of a French university hospital in Paris, France: a case-control study.	6
639 638 637	Molecular genetic analysis SARS-CoV-2 of asymptomatic patients in Rostov region. 2020, 11, 48-53 SARS-CoV-2 detection by nasal strips: a superior tool for surveillance of pediatric populations. Transmission routes of SARS-CoV-2 among healthcare workers of a French university hospital in Paris, France: a case-control study. Photocatalyst under visible light irradiation inactivates SARS-CoV-2 on an abiotic surface.	6

632	Diagnostic performance of chest computed tomography during the epidemic wave of COVID-19 varied as a function of time since the beginning of the confinement in France. 2020 , 15, e0242840	1
631	Estudio del test de tolerancia a lactosa como alternativa a test de hidrgeno espirado en el estudio de la malabsorcifi de lactosa. 2020 ,	
630	Il laboratorio diagnostico e COVID-19: Rossibile stabilire una strategia per la diagnosi dell i nfezione da SARS-CoV-2 attraverso l <mark>i</mark> lso combinato di test molecolari e sierologici?. 2020 , 16,	
629	CHEST X-RAY FINDINGS IN COVID-19 PNEUMONIA: A PICTORIAL REVIEW. 2020 , 9-11	
628	Evaluation of SARS-CoV-2 Existence in Blood, Urine, and Rectal Swab in Positive Patients with Different Virus Titers. 2020 , 13,	0
627	Transplacental Transmission of SARS-CoV-2 Infection: A Case Report from Iran. 2020 , 9,	O
626	Risk Assessment of Surgical Interventions Performed on Non-Infected Patients During COVID-19 Pandemic. 2020 , 12, e11682	1
625	Facial Surgery in the Era of SARS-CoV-2 and Beyond: Challenges, Considerations, and Initiatives. 2020 , 8, e3301	0
624	Quantifying the Risk of Indoor Drainage System in Multi-unit Apartment Building as a Transmission Route of SARS-CoV-2.	
623	Deep-learning convolutional neural networks with transfer learning accurately classify COVID19 lung infection on portable chest radiographs.	
622	Evaluating ten commercially-available SARS-CoV-2 rapid serological tests using the STARD (Standards for Reporting of Diagnostic Accuracy Studies) method.	2
621	Coronovirus Hastal⊞019 Tan ši le Hastanede Yatan Bcuklarda Klinik, Laboratuar, Radyolojik Bulgular ñ ve Sonu f arñ Deërlendirilmesi.	
620	The Negative RT-PCR Test is Enough to Rule Out Covđ-19 in Cancer Patients or Not? Covđ-19 or Not?. 2020 , 1, 186-189	
619	A combined oro-nasopharyngeal swab is more sensitive than mouthwash in detecting SARS-CoV-2 by a high-throughput PCR assay.	
618	Dry loopfhediated isothermal amplification assay for detection of SARS-CoV-2 from clinical specimens.	
617	Covid 19 pandemic and gynaecological laparoscopic surgery: knowns and unknowns. 2020 , 12, 3-7	31
616	Risk assessment of mixed and displacement ventilation (LAF) during orthopedic and trauma surgery on COVID-19 patients with increased release of infectious aerosols. 2020 , 15, Doc07	
615	Laboratory Tests for COVID-19: A Review of Peer-Reviewed Publications and Implications for Clinical Use. 2020 , 117, 184-195	15

614	Can surgery follow the dictates of the pandemic "keep your distance"? Requirements with COVID-19 for hygiene, resources and the team. 2020 , 15, Doc19	
613	Getting back to business: considerations for restarting non-cancer gynaecological surgery following the COVID-19 peak. 2020 , 12, 119-127	1
612	Tuberculosis and COVID-19 in India: Challenges and opportunities. 2020 , 37, 292-294	1
611	An original logigramme to make safe discharge and community reintegration for COVID-19 patients. 2020 , 61, E313-E320	
610	NRITLD Protocol for the Management of Patients with COVID-19 Admitted to Hospitals. 2020 , 19, 91-99	5
609	Coronaviruses and gastrointestinal symptoms: an old liaison for the new SARS-CoV-2. 2020 , 13, 341-350	3
608	The role of imaging and other diagnostic approaches in COVID-19. 2020 , 91, e2020019	1
607	Diagnostic and Therapeutic Approaches to Novel COVID-19 in Intensive Care Unit: A Narrative Review. 2020 , 48, 443-453	
606	The Clinical Laboratory: A Key Player in Diagnosis and Management of COVID-19. 2020, 31, 326-346	5
605	Detecting Environmental Contamination of Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in Isolation Wards and Fever Clinics. 2020 , 33, 943-947	3
604	Disinfection and Protective Measures for Makeshift Hospitals. 2020 , 33, 940-942	1
603	Persistence of SARS-COV-2 in body fluids: a bystander or whistle blower. 2020 , 12, 370-375	1
602	The Multifacets of COVID-19 in Adult Patients: A Concise Clinical Review on Pulmonary and Extrapulmonary Manifestations for Healthcare Physicians. 2020 , 91, e2020173	3
601	E-gene RT-PCR Crossing Point Value and Other Biochemical Parameters as Useful Markers of Death Risk in COVID-19 Patients. 2021 , 32, 98-104	
600	COVID-19 impact on bladder cancer-orientations for diagnosing, decision making, and treatment. 2021 , 9, 132-139	O
599	COVID-19: Black Swan or clumsy use?. 2021 , 62, E7-E9	
598	Assessing the ratio between new Covid-19 cases and new tests for Sars-Cov-2 in Italy by fractal investigation. 2021 , 92, e2021188	1
597	Correlation of SARS-CoV-2 Viral Load in Different Population Subsets: A Study from a Tertiary Care North Indian Hospital. 2021 , 11, 182-187	

596	Full-Length Genome Sequencing of SARS-CoV-2 Directly from Clinical and Environmental Samples Based on the Multiplex Polymerase Chain Reaction Method. 2021 , 34, 725-728	
595	Validation of a COVID-19 self-assessment tool for the prediction of COVID-19 in a primary health care setting in Egypt. 2021 , 22, e75	
594	Evaluation and Diagnosis of COVID Illness. 2021 , 33-42	
593	A nationwide indicator to smooth and normalize heterogeneous SARS-CoV-2 RNA data in wastewater 2022 , 158, 106998	3
592	The evolving direct and indirect platforms for the detection of SARS-CoV-2. 2021 , 300, 114381	2
591	Image-based non-contact respiration monitoring system for people wearing masks. 2021,	
590	Detection of COVID-19 on Lung CT Images Using Semi Supervised Learning. 2021 ,	
589	Clinical Features of Early Stage COVID-19 in a Primary Care Setting. 2021 , 8, 764884	
588	IgG seroprevalence of COVID-19 among people living with HIV or at high risk of HIV in south-west Germany: A seroprevalence study. 2021 ,	1
587	An Efficient Local Binary Pattern Texture Descriptor Method for Quick Detection of COVID-19 Using a Deep Learning Algorithm. 2022 , 411-422	
586	Usefulness of SARS-CoV-2 antigen test sample as input for SARS-CoV-2 RT-PCR analysis. 2021 ,	1
585	Pruebas moleculares para el diagn\(\text{Stico de COVID-19: La respuesta de Sudamfica. \textbf{2021}, 6, 2341-2347\)	
584	Reliability of Wastewater Analysis for Monitoring COVID-19 Incidence Revealed by a Long-Term Follow-Up Study. 2021 , 1,	1
583	Development and validation of a scale to evaluate students' future impact perception related to the coronavirus pandemic (C-19FIPS). 2021 , 16, e0260248	
582	Clinical differentiation of severe acute respiratory syndrome coronavirus 2 pneumonia using the Japanese guidelines. 2021 ,	2
581	A Questionnaire-Based Survey on the Impact of the COVID-19 Pandemic on Gastrointestinal Endoscopy in Asia. 2021 , 1-15	3
580	Long COVID and COVID-19-associated cystitis (CAC). 2021 , 54, 17	2
579	SARS-CoV-2 monitoring at three sewersheds of different scales and complexity demonstrates distinctive relationships between wastewater measurements and COVID-19 case data. 2021 , 816, 151534	1

578	Potential Use of Serum Proteomics for Monitoring COVID-19 Progression to Complement RT-PCR Detection. 2021 ,	1
577	A statistical model of COVID-19 testing in populations: effects of sampling bias andtesting errors. 2022 , 380, 20210121	2
576	A Large Cohort Study of SARS-CoV-2 Detection in Saliva: A Non-Invasive Alternative Diagnostic Test for Patients with Bleeding Disorders 2021 , 13,	3
575	Mechanisms of COVID-19-induced kidney injury and current pharmacotherapies. 2021 , 71, 39	3
574	Meteorological Factors and the COVID-19 Pandemic: The Backdrop of Pakistan 2021 , 12, 764016	О
573	Risk factors associated with prolonged viral clearance in patients with a refractory course of COVID-19: a retrospective study 2021 , 9, e12535	O
572	Assessing sex differential in COVID-19 mortality rate by age and polymerase chain reaction test results: an Iranian multi-center study. 2021 , 1-11	1
571	Point-of-Care Diagnostic Tools for Surveillance of SARS-CoV-2 Infections 2021 , 9, 766871	1
57°	Smart Healthcare System: Interface to COVID-19 Prevention Using Dual-Layer Security. 2022 , 125-146	
569	CRISPR-Cas12a-Based Detection for the Major SARS-CoV-2 Variants of Concern. 2021 , e0101721	6
568	Outcomes after perioperative SARS-CoV-2 infection in patients with proximal femoral fractures: an international cohort study. 2021 , 11, e050830	О
567	Prolonged rectal shedding of SARS-CoV-2 in a 22-day-old-neonate: a case report. 2021 , 21, 506	1
566	Point-of-Care Testing-The Key in the Battle against SARS-CoV-2 Pandemic 2021 , 12,	4
565	The Effect of Masks and Respirators on Acoustic Voice Analysis During the COVID-19 Pandemic 2021 ,	2
564	Multi-center sparse learning and decision fusion for automatic COVID-19 diagnosis. 2021 , 108088	2
563	Host parameters and mode of infection influence outcome in SARS-CoV-2-infected hamsters. 2021 , 24, 103530	4
562	Discrepancies of SARS-CoV-2 testing results among patients with total laryngectomy. 2021 , 1	1
561	CoWarriorNet: A Novel Deep-Learning Framework for CoVID-19 Detection from Chest X-Ray Images. 2021 , 1-25	O

560	Validation of expert system enhanced deep learning algorithm for automated screening for COVID-Pneumonia on chest X-rays. 2021 , 11, 23210	1
559	Patient health records and whole viral genomes from an early SARS-CoV-2 outbreak in a Quebec hospital reveal features associated with favorable outcomes. 2021 , 16, e0260714	O
558	Advances in laboratory detection methods and technology application of SARS-CoV-2. 2021,	2
557	Natural Products for the Prevention and Control of the COVID-19 Pandemic: Sustainable Bioresources 2021 , 12, 758159	4
556	SARS CoV-2 Delta variant exhibits enhanced infectivity and a minor decrease in neutralization sensitivity to convalescent or post-vaccination sera. 2021 , 24, 103467	6
555	The Humoral Immune Response to BNT162b2 Vaccine Is Associated With Circulating CD19+ B Lymphocytes and the NaMe CD45RA to Memory CD45RO CD4+ T Helper Cells Ratio in Hemodialysis Patients and Kidney Transplant Recipients 2021 , 12, 760249	5
554	Catheter-Based Local Delivery of Therapeutics to the Lungs for Severe or Critically Ill Patients with COVID-19. 46-51	
553	Tuberculosis and COVID-19 in India: Challenges and opportunities. 2020 , 37, 292	6
552	Whole genome sequencing for revealing the point mutations of SARS-CoV-2 genome in Bangladeshi isolates and their structural effects on viral proteins 2021 , 11, 38868-38879	2
551	A Cross-Disciplinary View of Testing and Bioinformatic Analysis of SARS-CoV-2 and Other Human Respiratory Viruses in Pandemic Settings 2021 , 9, 163716-163734	O
550	How to Mimic a Histological Sample Slide for RNAscope Applications from BAL Cytological Specimens 2021 , 38, 231-232	
549	Detection of SARS-CoV-2 through pool testing for COVID-19: an integrative review. 2021 , 54, e0276	1
548	Anosmia in COVID-19: Underlying Mechanisms and Assessment of an Olfactory Route to Brain Infection (Russian translation). 2021 , 7, 28-59	
547	COVID-19 Pandemic and Geriatric Oncology. 2021 , 1198-1206	
546	Incidence of Arterial Hypertension in People With Periodontitis and Characterization of the Oral and Subgingival Microbiome: A Study Protocol 2021 , 8, 763293	1
545	Validation of a Saliva-Based Test for the Molecular Diagnosis of SARS-CoV-2 Infection 2022 , 2022, 6478434	2
544	Indirect supervision applied to COVID-19 and pneumonia classification 2021, 100835	1
543	Detection of IgG and IgM Levels in Patients with COVID-19 in Mosul Province, Iraq.	

542	Isolation and Identification of a Rare Spike Gene Double-Deletion SARS-CoV-2 Variant From the Patient With High Cycle Threshold Value 2021 , 8, 822633	2
541	Longitudinal, virological, and serological assessment of hospitalized COVID-19 patients 2022 , 1	1
540	COVID-19 versus Seasonal Influenza: Comparison of Profiles of Older Adults Hospitalized in a Short-Term Geriatric Ward in France. 2021 ,	
539	The Type 2 Asthma Mediator IL-13 Inhibits SARS-CoV-2 Infection of Bronchial Epithelium 2022,	4
538	COVID-19 screening in a Portuguese pediatric population 2022 , 40, 28-31	
537	When stem cells meet COVID-19: recent advances, challenges and future perspectives 2022 , 13, 9	O
536	A systematic review and metanalysis of diagnostic yield of BAL for detection of SARS-CoV-2 2021 , 52, 95-105	О
535	Discrimination and surveillance of infectious severe acute respiratory syndrome Coronavirus 2 in wastewater using cell culture and RT-qPCR 2022 , 815, 152914	4
534	Small-Sized Neural Network for Detecting COVID-19 from Chest X-rays. 2020 ,	0
F2.2	CORONAVIRUSES: DIAGNOSTIC APPROACHES FOR COVID-19. 2020 , 8, S09-S20	
533	CORDINAVIRUSES. DIAGNOSTIC APPROACHES FOR COVID-13. 2020, 6, 303-320	
533	Persistence of SARS-COV-2 in body fluids: a bystander or whistle blower. 2020 , 12, 370-375	1
		1
532	Persistence of SARS-COV-2 in body fluids: a bystander or whistle blower. 2020 , 12, 370-375 Detection of COVID-19 on Chest X-Ray Images using Inverted Residuals Structure-Based	
532 531	Persistence of SARS-COV-2 in body fluids: a bystander or whistle blower. 2020 , 12, 370-375 Detection of COVID-19 on Chest X-Ray Images using Inverted Residuals Structure-Based Convolutional Neural Networks. 2020 ,	1
532 531 530	Persistence of SARS-COV-2 in body fluids: a bystander or whistle blower. 2020, 12, 370-375 Detection of COVID-19 on Chest X-Ray Images using Inverted Residuals Structure-Based Convolutional Neural Networks. 2020, Covid-19 Classification Using Deep Learning in Chest X-Ray Images. 2020, Diagnostic and Therapeutic Approaches to Novel COVID-19 in Intensive Care Unit: A Narrative	1
53 ² 53 ¹ 53 ⁰ 529	Persistence of SARS-COV-2 in body fluids: a bystander or whistle blower. 2020, 12, 370-375 Detection of COVID-19 on Chest X-Ray Images using Inverted Residuals Structure-Based Convolutional Neural Networks. 2020, Covid-19 Classification Using Deep Learning in Chest X-Ray Images. 2020, Diagnostic and Therapeutic Approaches to Novel COVID-19 in Intensive Care Unit: A Narrative Review. 2020, 48, 443-453 A Risk Assessment Tool for Resumption of Research Activities During the COVID-19 Pandemic.	1
532 531 530 529 528	Persistence of SARS-COV-2 in body fluids: a bystander or whistle blower. 2020, 12, 370-375 Detection of COVID-19 on Chest X-Ray Images using Inverted Residuals Structure-Based Convolutional Neural Networks. 2020, Covid-19 Classification Using Deep Learning in Chest X-Ray Images. 2020, Diagnostic and Therapeutic Approaches to Novel COVID-19 in Intensive Care Unit: A Narrative Review. 2020, 48, 443-453 A Risk Assessment Tool for Resumption of Research Activities During the COVID-19 Pandemic. 2020, Clinical practice recommendations for the detection and management of hyperglycemia in	7

Radiologic Diagnostics of Lung Lesions by Granulomatosis with Polyangiitis in the Context of the COVID-19 Pandemic. **2021**, 9-21

523	Deep Viewing for Covid-19 Detection from X-Ray Using CNN Based Architecture. 2021 ,	O
522	A Hierarchical Classification System for the Detection of Covid-19 from Chest X-Ray Images. 2021 ,	0
521	Efficient Deep Neural Network for an Automated Detection of COVID-19 using CT images*. 2021 ,	2
520	Digestive System and Severe Acute Respiratory Syndrome Coronavirus 2: New Era of Microbiome Study and Gastrointestinal Tract Manifestations during the Coronavirus Disease-19 Pandemic. 2021 , 9, 676-682	1
519	Testing Antigens, Antibodies, and Immune Cells in COVID-19 as a Public Health Topic-Experience and Outlines 2021 , 18,	1
518	Resource planning strategies for healthcare systems during a pandemic 2022,	2
517	Maternal-fetal immune responses in pregnant women infected with SARS-CoV-2 2022 , 13, 320	13
516	Evaluation of the conventional and modified aerosol boxes during tracheal intubation in normal and difficult airways: a randomized, crossover, manikin simulation study 2022 , 1	
515	Safety issues in semen banks during the COVID-19 pandemic: data from a European survey 2022 , 45, 973	1
514	. 2022,	4
513	Surveillance Web System and Mouthwash-Saliva qPCR for Labor Ambulatory SARS-CoV-2 Detection and Prevention 2022 , 19,	O
512	Placental infection with SARS-CoV-2, analysis of 16 cases and literature review 2022, 1	
511	CheXImageNet: a novel architecture for accurate classification of Covid-19 with chest x-ray digital images using deep convolutional neural networks 2022 , 12, 1-12	1
510	Synergistic Action of Immunotherapy and Nanotherapy against Cancer Patients Infected with SARS-CoV-2 and the Use of Artificial Intelligence 2022 , 14,	
509	Optimal strategies to screen health care workers for COVID-19 in the US: a cost-effectiveness analysis 2022 , 20, 2	O
508	Undetectable viral RNA in follicular fluid, cumulus cells, and endometrial tissue samples in SARS-CoV-2-positive women 2022 ,	O
507	COVID-19 Detection in Chest X-ray Images Using a New Channel Boosted CNN 2022 , 12,	7

506	Inferring SARS-CoV-2 RNA shedding into wastewater relative to the time of infection 2022, 150, e21	4
505	Ex vivo and in vivo suppression of SARS-CoV-2 with combinatorial AAV-RNAi expression vectors 2022 ,	1
504	Automated detection of COVID-19 through convolutional neural network using chest x-ray images 2022 , 17, e0262052	7
503	Case Report: Next-Generation Sequencing in Diagnosis of Atypical Aspiration Pneumonia 2021 , 9, 771154	
502	The Prevalence and Clinical Implications of Rectal SARS-CoV-2 Shedding in Danish COVID-19 Patients and the General Population 2021 , 8, 804804	О
501	Managing hematological cancer patients during the COVID-19 pandemic: an ESMO-EHA Interdisciplinary Expert Consensus 2022 , 7, 100403	4
500	Rapid and Specific Detection of Active SARS-CoV-2 With CRISPR/Cas12a 2021 , 12, 820698	O
499	Prolonged SARS-CoV-2 nucleic acid conversion time in military personnel outbreaks with presence of specific IgG antibodies 2022 , 71,	O
498	Simulation Studies Provide Evidence of Aerosol Transmission of SARS-CoV-2 in a Multi-Story Building via Air Supply, Exhaust and Sanitary Pipelines 2022 , 19,	O
497	Artificial intelligence for stepwise diagnosis and monitoring of COVID-19 2022 , 32, 2235	3
496	Two years of SARS-CoV-2 infection (2019-2021): structural biology, vaccination, and current global situation 2022 , 34, 5	1
495	Face Masks Use and Its Role in Restraining the Spread of COVID-19 Pandemic in Saudi Arabia: Knowledge, Attitude, and Practices Based Cross-Sectional Study 2021 , 9, 818520	1
494	Clinical Practice Guidelines for Fecal Microbiota Transplantation in Korea 2022, 28, 28-42	1
493	Airway management in the critically ill patient with COVID-19 2022, 35,	O
492	Focus, Fusion, and Rectify: Context-Aware Learning for COVID-19 Lung Infection Segmentation. 2021 , PP,	4
491	Performance of Three Tests for SARS-CoV-2 on a University Campus Estimated Jointly with Bayesian Latent Class Modeling 2022 , e0122021	O
490	Detection of SARS-CoV-2 RNA in Bivalve Mollusks by Droplet Digital RT-PCR (dd RT-PCR) 2022 , 19,	3
489	Surveillance of SARS-CoV-2 RNA in open-water sewage canals contaminated with untreated wastewater in resource-constrained regions 2022 , 4, 000318	2

488	An Overview of COVID Positive Obstetric Cases at a Tertiary Care Centre in Western Uttar Pradesh, India. 2022 , 18,	
487	Validation of Two Commercial Multiplex Real-Time PCR Assays for Detection of SARS-CoV-2 in Stool Donors for Fecal Microbiota Transplantation 2022 , 10,	1
486	A three-stage ensemble boosted convolutional neural network for classification and analysis of COVID-19 chest x-ray images. 2022 , 3, 35-45	0
485	OUP accepted manuscript.	
484	The first report on detecting SARS-CoV-2 inside human fecal-oral bacteria: A case series on asymptomatic family members and a child with COVID-19. 11, 135	0
483	Discovery of novel TMPRSS2 inhibitors for COVID-19 using fragment-based drug design, molecular docking, molecular dynamics, and quantum mechanics studies 2022 , 29, 100870	6
482	CRISPR-based Assay Reveals SARS-CoV-2 RNA Dynamic Changes and Redistribution Patterns in Non-Human Primate Model 2022 , 1-24	
481	Human Organoids and Organs-on-Chips for Addressing COVID-19 Challenges 2022 , e2105187	3
480	Maternal and Perinatal Outcomes of Hospitalized COVID-19 Positive Pregnant Women 2022 , 14, e21817	О
479	Detection of SARS-CoV-2 infection prevalence in 860 cancer patients with a combined screening procedure including triage, molecular nasopharyngeal swabs and rapid serological test. A report from the first epidemic wave 2022 , 17, e0262784	O
478	Clinical update on COVID-19 for the emergency clinician: Presentation and evaluation 2022, 54, 46-57	25
477	Optimization of loop-mediated isothermal amplification (LAMP) assay for robust visualization in SARS-CoV-2 and emerging variants diagnosis 2022 , 251, 117430	1
476	Development of magnetic particle-based chemiluminescence immunoassay for measurement of SARS-CoV-2 nucleocapsid protein 2022 , 302, 114486	О
475	Saliva-based COVID-19 detection: A rapid antigen test of SARS-CoV-2 nucleocapsid protein using an electrical-double-layer gated field-effect transistor-based biosensing system 2022 , 357, 131415	7
474	High-specificity targets in SARS-CoV-2 N protein for serological detection and distinction from SARS-CoV 2022 , 143, 105272	1
473	Early warning of a COVID-19 surge on a university campus based on wastewater surveillance for SARS-CoV-2 at residence halls 2022 , 153291	5
472	Contribution of magnetic particles in molecular diagnosis of human viruses 2022 , 241, 123243	2
471	An Integrated Microfluidic Platform Featuring Real-Time Reverse Transcription Loop-Mediated Isothermal Amplification for Detection of COVID-19 2022 , 131447	2

An Introduction to the Clinical and Diagnostic Features, and CoViD19 Complications. 2022, 27-45 470 Assessment of knowledge, perception, preventive practices and effects of COVID-19 among 469 Nigerians: a cross-sectional study.. 2022, 41, 102 Rapid automated validation, annotation and publication of SARS-CoV-2 sequences to GenBank.. 468 1 **2022**, 2022, Deep Learning Analysis for COVID-19 Using Neural Network Algorithms. 2022, 313-320 467 Early identification of novel coronavirus (COVID-19) pneumonia using clinical and radiographic 466 O findings.. 2022, Ocular Surface Infection by SARS-CoV-2 in COVID-19 Pneumonia Patients Admitted to 2 Sub-Intensive Unit: Preliminary Results.. 2022, 10, Establishment of local wastewater-based surveillance programmes in response to the spread and 464 2 infection of COVID-19 lease studies from South Africa, the Netherlands, Turkey and England. RT-PCR negative COVID-19.. **2022**, 22, 149 463 Development and Validation of the Skimmed Milk Pellet Extraction Protocol for SARS-CoV-2 462 \circ Wastewater Surveillance.. 2022, 1 SARS-CoV-2 Testing of Aerosols Emitted During Pediatric Minimally Invasive Surgery: A 461 Prospective, Case-Controlled Study.. 2022, 31348211067707 True or False: What are the factors that influence COVID-19 diagnosis by RT-qPCR?. 2022, 460 1 Performance of anterior nares and tongue swabs for nucleic acid, Nucleocapsid and Spike antigen 459 \circ testing for detecting SARS-CoV-2 against nasopharyngeal PCR and viral culture.. 2022, Chest X-ray Classification for the Detection of COVID-19 Using Deep Learning Techniques.. 2022, 458 7 Effectiveness of Antiviral Therapy in Highly-Transmissible Variants of SARS-CoV-2: A Modeling and O 457 Simulation Study.. 2022, 13, 816429 A cognitive framework based on deep neural network for classification of coronavirus disease.. 456 2022, 1-15 Complex features extraction with deep learning model for the detection of COVID19 from CT scan 455 images using ensemble based machine learning approach.. 2022, 195, 116554 Seroprevalence of SARS-CoV-2 IgG antibody among healthy blood donors: a single centre study.. 454 1 2021, 103338 Diagnostics for COVID-19: moving from pandemic response to control.. 2021, 21 453

Using excess deaths and testing statistics to improve estimates of COVID-19 mortalities. 2021, 452 Pathogenesis, Symptomatology, and Transmission of SARS-CoV-2 through analysis of Viral 451 Genomics and Structure. 2021, Identification and Development of Therapeutics for COVID-19. 2021, 450 Clinical Features, Diagnostic Evaluation, and Management of COVID-19 Patients.. 2021, 1353, 1-22 449 Epidemiology of COVID-19. 2021, 26, 5-14 448 Wastewater-Based Epidemiology: Overview of Covid-19 Tracking in Brazil. 2022, 197-206 447 446 X-MIR: EXplainable Medical Image Retrieval. 2022, 3 Evaluation of Viral Loads in Patients With SARS-CoV-2 Delta Variant Infection: Higher Loads Do Not Translate Into Different Testing Scenarios.. 2022, 15, 11786361221087537 Deep Learning Analysis for COVID 19 Using Neural Network Algorithms. 2022, 103-110 444 OUP accepted manuscript. 443 Wastewater-Based Epidemiology (WBE) Studies for Monitoring of Covid-19 Spread. 2022, 163-177 442 Immune Responses in SARS-CoV-2, SARS-CoV, and MERS-CoV Infections: A Comparative Review.. 441 2022, 13, 45 An Approach to Detect COVID-19 Disease from CT Scan Images using CNN - VGG16 Model. 2022, 440 O An Assessment of Biochemical biomarkers alterations in COVID-19 patients. 2022, 5, 327-331 439 Lower respiratory tract sampling in COVID-19 acute respiratory distress syndrome: A focus on 438 \circ microbiology, cellular morphology, cytology, and management impact.. 2022, 39, 139-144 Study on the usefulness of Direct Saliva sample Collection (DiSC) by polyester swab. 437 A Comparison of Pharyngeal Swabs and Tracheal Secretions for the Diagnosing of COVID-19.. 2022, 436 10, Performance of Non-Nasopharyngeal Sample Types for Molecular Detection of SARS-CoV-2. 2022, 435

434	Maternal-Fetal Implications of SARS CoV-2 Infection during Pregnancy, Viral, Serological Analyses of Placenta and Cord Blood 2022 , 19,	1
433	Molecular and Physiological Aspects of SARS-CoV-2 Infection in Women and Pregnancy 2022 , 3, 756362	
432	Kidney Injury in COVID-19: Epidemiology, Molecular Mechanisms and Potential Therapeutic Targets 2022 , 23,	1
431	How do we engage people in testing for COVID-19? A rapid qualitative evaluation of a testing programme in schools, GP surgeries and a university 2022 , 22, 305	3
430	Evaluation of Swab-Seq as a scalable, sensitive assay for community surveillance of SARS-CoV-2 infection 2022 , 12, 3047	
429	Clinical and Molecular Relationships between COVID-19 and Feline Infectious Peritonitis (FIP) 2022 , 14,	2
428	An Efficient Deep Learning Model to Detect COVID-19 Using Chest X-ray Images 2022, 19,	4
427	COVID-19 Infection Increases Mortality and Complications in Patients With Neck of Femur Fracture 2022 , 14, e22264	О
426	Development of rapid antigen test prototype for detection of SARS-CoV-2 in saliva samples 2022 , 127,	O
425	Machine learning-based automatic detection of novel coronavirus (COVID-19) disease 2022 , 1-20	3
424	Gastrointestinal coronavirus disease 2019 manifestations in childhood 2022 ,	O
423	Comparison of laboratory parameters in patients with COVID-19: Observational Study (Preprint).	
422	The Persistence Time of SARS-CoV-2 RNA in hospitalized COVID-19 Patients: A prospective Study 2022 ,	
421	High-Sulfated Glycosaminoglycans Prevent Coronavirus Replication 2022 , 14,	2
420	COVID-19 and Pregnancy: A public health, evidence-based approach 2021 ,	
419	SARS-CoV-2 Viral RNA Is Detected in the Bone Marrow in Post-Mortem Samples Using RT-LAMP 2022 , 12,	О
418	Radiological Analysis of COVID-19 Using Computational Intelligence: A Broad Gauge Study 2022 , 2022, 5998042	3
417	COVID-Net CT-2: Enhanced Deep Neural Networks for Detection of COVID-19 From Chest CT Images Through Bigger, More Diverse Learning 2021 , 8, 729287	13

416	Prolonged fecal shedding of SARS-CoV-2 in a young immunocompetent COVID-19 patient: a case report and literature overview 2022 ,	О
415	Short-Term Instantaneous Prophylaxis and Efficient Treatment Against SARS-CoV-2 in hACE2 Mice Conferred by an Intranasal Nanobody (Nb22) 2022 , 13, 865401	O
414	Possible Cross-Reactivity of Feline and White-Tailed Deer Antibodies against the SARS-CoV-2 Receptor Binding Domain 2022 , e0025022	1
413	Severe Acute Respiratory Syndrome Coronavirus 2 and Blood Safety: An Updated Review 2022 , 5, 1-11	Ο
412	Targeting of Protein Kinase CK2 Elicits Antiviral Activity on Bovine Coronavirus Infection 2022, 14,	
411	Deep learning representations to support COVID-19 diagnosis on CT slices 2022 , 42, 170-183	
410	Reducing the Particles Generated by Flushing Institutional Toilets 2022 , 1-8	1
409	Coronavirus Genomes and Unique Mutations in Structural and Non-Structural Proteins in Pakistani SARS-CoV-2 Delta Variants during the Fourth Wave of the Pandemic 2022 , 13,	O
408	Swab test in biological fluids as predictor of COVID-19 transmission risk during surgery: a prospective cross-sectional study from an Italian COVID center 2022 , 22, 119	Ο
407	Nutritional Modulation of Gut Microbiota Alleviates Severe Gastrointestinal Symptoms in a Patient with Post-Acute COVID-19 Syndrome 2022 , e0380121	4
406	A radiomics-boosted deep-learning model for COVID-19 and Non-COVID-19 pneumonia classification using chest X-ray images 2022 ,	О
405	Multi-arm RNA junctions encoding molecular logic unconstrained by input sequence for versatile cell-free diagnostics 2022 ,	2
404	Plasma procurement and plasma product safety in light of the COVID-19 pandemic from the perspective of the plasma industry 2022 ,	2
403	SARS-CoV-2 Spike Protein 1 Activates Microvascular Endothelial Cells and Complement System Leading to Platelet Aggregation 2022 , 13, 827146	7
402	Four Types of Multiclass Frameworks for Pneumonia Classification and Its Validation in X-ray Scans Using Seven Types of Deep Learning Artificial Intelligence Models 2022 , 12,	2
401	How to prepare stool banks for an appropriate response to the ongoing COVID-19 pandemic: Experiences in the Netherlands and a retrospective comparative cohort study for faecal microbiota transplantation 2022 , 17, e0265426	
400	SARS-CoV-2 molecular diagnostics in China. 2022 ,	0
399	Biotechnological Perspectives to Combat the COVID-19 Pandemic: Precise Diagnostics and Inevitable Vaccine Paradigms 2022 , 11,	2

398	Understanding the Role of Coronavirus for Otorhinolaryngologists Based on Current Scientific Evidence: A Literature Review. 2022 , 10, 31-35	
397	The importance of fecal nucleic acid detection in patients with coronavirus disease(COVID-19):a systematic review and meta-analysis 2022 ,	2
396	The Successes and Challenges of SARS-CoV-2 Molecular Testing in the United States. 2022,	1
395	Management of the early postoperative PCR positive patients in the COVID-19 pandemic: cardiac surgeon's nightmare. 2022 , 8, 290-295	Ο
394	Advances in the epidemiology, clinical features, diagnosis, clinical management and prevention of coronavirus disease 2019 2022 ,	1
393	Comparison of Auto Sampling and Passive Sampling Methods for SARS-CoV-2 Detection in Wastewater 2022 , 11,	1
392	Knowledge and attitudes among Lebanese pregnant women and women seeking fertility treatment during the COVID-19 outbreak: a cross-sectional survey 2022 , 12, e057873	Ο
391	SARS-CoV-2 pathogenesis 2022 ,	30
390	Toward Mail-in-Sensors for SARS-CoV-2 Detection: Interfacing Gel Switch Resonators with Cell-Free Toehold Switches 2022 ,	2
389	Inferring transmission fitness advantage of SARS-CoV-2 variants of concern from wastewater samples using digital PCR, Switzerland, December 2020 through March 2021 2022 , 27,	1
388	Intestinal Damage in COVID-19: SARS-CoV-2 Infection and Intestinal Thrombosis 2022, 13, 860931	2
387	Detection of SARS-CoV-2 Proteins in Wastewater Samples by Mass Spectrometry 2022 ,	O
386	The sampling efficiencies of commercial nasopharyngeal swabs 2022,	Ο
385	COVID-19 Diagnosis from Chest X-ray Images Using a Robust Multi-Resolution Analysis Siamese Neural Network with Super-Resolution Convolutional Neural Network 2022 , 12,	O
384	Nucleic Acid-Based COVID-19 Therapy Targeting Cytokine Storms: Strategies to Quell the Storm 2022 , 12,	0
383	WMR-DepthwiseNet: A Wavelet Multi-Resolution Depthwise Separable Convolutional Neural Network for COVID-19 Diagnosis 2022 , 12,	0
382	Diagnostic performance of CO-RADS for COVID-19: a systematic review and meta-analysis 2022 , 1	0
381	Organ manifestations of COVID-19: what have we learned so far (not only) from autopsies?. 2022 , 1	4

380	Artificial Intelligence for COVID-19 Detection in Medical Imaging-Diagnostic Measures and Wasting-A Systematic Umbrella Review 2022 , 11,	1
379	Evaluation of canine detection of covid-19 infected individuals under controlled settings 2022,	O
378	High SARS-CoV-2 household transmission rates detected by dense saliva sampling 2022,	1
377	Spike protein of SARS-CoV-2 variants: a brief review and practical implications 2022 , 1	1
376	Identification coronavirus (SARS-CoV-2) and physicochemical qualities in various water sources and the efficiency of water treatment plants in their removal- case study: Northwest region of Iran 2022 , 12, 89	0
375	Clinical manifestations, treatment options, and comorbidities in COVID-19 relapse patients: A systematic review 2022 , e24402	1
374	Understanding on the possible routes for SARS CoV-2 invasion via ACE2 in the host linked with multiple organs damage 2022 , 99, 105254	2
373	Azadirachta indica A. Juss bark extract and its Nimbin isomers restrict toronaviral infection and replication 2022 , 569, 13-28	4
372	Multi-stage investigation of deep neural networks for COVID-19 B-line feature detection in simulated and in vivo ultrasound images. 2022 ,	0
371	Melatonin and REGN-CoV2 combination as a vaccine adjuvant for Omicron variant of SARS-CoV-2 2022 , 1	O
370	Systemic Emergencies in COVID-19 Patient: A Pictorial Review 2022 , 8, 1041-1051	
369	Therapeutic Potential Of Induced Iron Depletion Using Iron Chelators In Covid-19 2021 ,	2
368	Deep transfer learning CNN based approach for COVID-19 detection. 2022 , 9, 44-52	0
367	Contribution of CD4+ T cell mediated inflammation to diarrhoea in patients with COVID-19 2022,	1
366	Listening to bluetooth beacons for epidemic risk mitigation 2022 , 12, 5558	0
365	Ferrate (VI), Fenton Reaction and Its Modification: An Effective Method of Removing SARS-CoV-2 RNA from Hospital Wastewater 2022 , 11,	O
364	Detection and quantification of SARS-CoV-2 RNA in wastewater influent in relation to reported COVID-19 incidence in Finland 2022 , 215, 118220	3
363	Platelet-leukocyte crosstalk in COVID-19: How might the reciprocal links between thrombotic events and inflammatory state affect treatment strategies and disease prognosis?. 2022 , 213, 179-194	O

362	Dual targeting powder formulation of antiviral agent for customizable nasal and lung deposition profile through single intranasal administration 2022 , 121704	О
361	Wastewater-based epidemiology for early warning of SARS-COV-2 circulation: A pilot study conducted in Sicily, Italy 2022 , 242, 113948	2
360	SARS-CoV-2 shedding sources in wastewater and implications for wastewater-based epidemiology 2022 , 432, 128667	5
359	Loop-mediated isothermal amplification-based electrochemical sensor for detecting SARS-CoV-2 in wastewater samples 2022 , 10, 107488	4
358	The Impact of COVID-19 on Blood Transfusion Services: A Systematic Review and Meta-Analysis 2021 , 30, 1-12	О
357	Evaluation of Covid-19 Triage Assessment Scale in Patients Attending the Emergency Department.	1
356	CXR-based Diagnosis of COVID-19 using Deep Learning with CycleGAN for Data Augmentation. 2021 ,	
355	Changes in practice patterns of nephrolithiasis in the era of the coronavirus disease 2019 pandemic: a review 2021 , 32,	O
354	COVID-19 and gut immunomodulation 2021 , 27, 7925-7942	2
353	Anatomical Site, Viral Ribonucleic Acid Abundance, and Time of Sampling Correlate With Molecular Detection of Severe Acute Respiratory Syndrome Coronavirus 2 During Infection 2022 , 9, ofab623	
352	Local and systemic responses to SARS-CoV-2 infection in children and adults 2021,	17
351	A Sensitive, Portable Microfluidic Device for SARS-CoV-2 Detection from Self-Collected Saliva 2021 , 13, 1061-1077	2
350	Effects of Weight Loss on Adipose and Muscular Neuropilin 1 mRNA Expression in Obesity: Potential Implication in SARS-CoV-2 Infections?. 2021 , 1-9	2
349	Detection of Covid-19 from X-ray Images via Ensemble of Features Extraction Methods Employing Randomized Neural Networks.	O
348	Transmission of SARS-CoV-2 Indoor and Outdoor Environments. 2021 , 12, 1640	3
347	Factors Associated with ICU Admission in Patients with COVID-19: The GOL2DS Score 2021 , 57,	
346	COVID-19 in 28-Week Triplets Caused by Intrauterine Transmission of SARS-CoV-2-Case Report 2021 , 9, 812057	1
	Impact of coronavirus disease on the management of lower urinary tract symptoms and voiding	

344	In-House Immunofluorescence Assay for Detection of SARS-CoV-2 Antigens in Cells from Nasopharyngeal Swabs as a Diagnostic Method for COVID-19 2021 , 11,	O
343	DeepCOVIDNet: Deep Convolutional Neural Network for COVID-19 Detection from Chest Radiographic Images 2021 , 2021, 1703-1710	1
342	Deep Learning Based Covid-19 Detection With A Novel CT Images Dataset: EFSCH-19.	2
341	Virucidal Activity of Different Mouthwashes Using a Novel Biochemical Assay 2021 , 10,	4
340	COVIDXception-Net: A Bayesian Optimization-Based Deep Learning Approach to Diagnose COVID-19 from X-Ray Images 2022 , 3, 115	3
339	Characteristics of patients with suspected COVID-19 pneumonia and repeatedly negative RT-PCR 2021 , 3, 000279	
338	Investigation of SARS-CoV-2 on Ocular Surface of Coronavirus Disease 2019 Patients Using One-Step Reverse-Transcription Droplet Digital PCR 2021 , 14, 5395-5401	2
337	Implications of RNA Viruses in the Male Reproductive Tract: An Outlook on SARS-CoV-2 2021 , 12, 783963	O
336	Is Gut Involvement a Cause or Effect of COVID-19?. 2021 , 28, 186-193	
335	How Does COVID-19 Pandemic Impact on Incidence of Infection and Exacerbation of Its Gastrointestinal Symptoms?. 2021 , 8, 775063	1
334	EVALUATING THE KNOWLEDGE LEVEL, PERCEPTION AND ATTITUDE TOWARDS COVID-19 AMONG OTOLARYNGOLOGISTS.	
333	Guillain-Barr Syndrome in the COVID-19 Pandemic 2021 , 14, 34-48	2
332	Modelling RT-qPCR cycle-threshold using digital PCR data for implementing SARS-CoV-2 viral load studies 2021 , 16, e0260884	O
331	Clinical evaluation of antiseptic mouth rinses to reduce salivary load of SARS-CoV-2 2021 , 11, 24392	8
330	Recent Advancements on COVID-19: A Comprehensive Review 2021, 14, 10351-10372	2
329	Evaluation of SARS-CoV-2 in semen, seminal plasma, and spermatozoa pellet of COVID-19 patients in the acute stage of infection 2021 , 16, e0260187	4
328	Pandemics of the 21st Century: The Risk Factor for Obese People 2021 , 14,	2
327	SARS-CoV-2 IgG Surveillance in Asymptomatic Blood Donors and Health Workers 2021 , 2021, 2404170	

326	Prothrombotic Phenotype in COVID-19: Focus on Platelets 2021 , 22,	3
325	Association Between rRT-PCR Test Results Upon Admission and Outcome in Hospitalized Chest CT-Positive COVID-19 Patients: A Provincial Retrospective Cohort with Active Follow-up. 2021 , 16,	1
324	Lung ultrasound in ruling out COVID-19 pneumonia in the ED: a multicentre prospective sensitivity study 2021 ,	2
323	Epidemiology of COVID-19: An updated review. 2021 , 26, 82	O
322	COVID-19 Diagnostic Imaging Recommendations. 10-15	5
321	Selection of Personal Protection at COVID-19. 2020 , 170-184	
320	Correlation of SARS-CoV-2 viral load in different population subsets: A study from a tertiary care North Indian Hospital. 2021 , 11, 182	
319	Environmental Transmission of Human Pathogens Associated with SARS-CoV-2 and the Effect on Soil and Aquatic Ecosystem: A Biological Way of Management. 2022 , 1	
318	Graphene-based nanocomposite using new modeling molecular dynamic simulations for proposed neutralizing mechanism and real-time sensing of COVID-19. 2022 , 11, 1555-1569	1
317	Low dose Lung-CT as COVID-19 diagnostic tool while waiting for RT-PCR result. 2642-2648	
316	A comparison of the features of RT-PCR positive and negative COVID-19 pneumonia patients in the intensive care unit. 2022 , 6, 1-1	
315	Occurrence and decay of SARS-CoV-2 in community sewage drainage systems 2022 ,	
314	Evolution of nasal and olfactory infection characteristics of SARS-CoV-2 variants 2022,	1
313	Potentiometric Biosensors Based on Molecular-Imprinted Self-Assembled Monolayer Films for Rapid Detection of Influenza A Virus and SARS-CoV-2 Spike Protein 2022 , 5, 5045-5055	3
312	Gastrointestinal symptoms and fecal shedding of SARS-CoV-2 RNA suggest prolonged gastrointestinal infection 2022 ,	13
311	Adverse effects of COVID-19 mRNA vaccines: the spike hypothesis 2022 ,	14
310	Crosstalk Between SARS-CoV-2 Infection and Neurological Disorders: A Review 2022,	0
309	Functional Analysis of Spike from SARS-CoV-2 Variants Reveals the Role of Distinct Mutations in Neutralization Potential and Viral Infectivity 2022 , 14,	O

308	Challenges of deep learning methods for COVID-19 detection using public datasets 2022 , 100945	1
307	Data_Sheet_1.ZIP. 2020 ,	
306	Data_Sheet_2.pdf. 2020 ,	
305	Table_1.DOCX. 2020 ,	
304	Image_1.jpeg. 2020 ,	
303	Table_1.doc. 2020 ,	
302	Table_1.docx. 2020 ,	
301	Data_Sheet_1.docx. 2020 ,	
300	Data_Sheet_1.docx. 2020 ,	
299	Potential SARS-CoV-2 contamination of groundwater as a result of mass burial: A mini-review 2022 , 155473	1
298	Enhanced Detection of Viral RNA Species Using Fokl-Assisted Digestion of DNA Duplexes and DNA/RNA Hybrids 2022 ,	
297	Clinical and biochemical profile of COVID-19 patients admitted in a tertiary care hospital in Visakhapatnam, India during post unlock 2.0 - a retrospective study 2022 , 15, 264-268	0
296	[Standardized sputum collection increases sputum sample collection rate for novel coronavirus nucleic acid detection]. 2020 , 49, 614-617	
295	Epidemiology and factors associated with COVID-19 outbreak-related deaths in patients admitted to medical centers of Mazandaran University of Medical Sciences 2021 , 10, 426	
294	Update of the recommendations of the Sociedade Portuguesa de Cuidados Intensivos and the Infection and Sepsis Group for the approach to COVID-19 in Intensive Care Medicine 2022 , 33, 487-536	
293	Risk of post-intubation cardiac arrest with the use of high-dose rocuronium in COVID-19 patients with acute respiratory distress syndrome: A retrospective cohort study 2021 , 7, 717-722	0
292	NRITLD Protocol for the Management of Outpatient Cases of COVID-19 2021 , 20, 192-196	
291	Outpatient Management of COVID-19. 2022 , 141-154	

290	A Modified Convolution Neural Network for Covid-19 Detection. 2022 , 455-462	
289	Current strategies and future perspectives in COVID-19 therapy. 2022 , 169-227	
288	Artificial Intelligence approaches to predict COVID-19 infection in Senegal 2022 , 201, 764-770	
287	Presence of SARS-CoV-2 in peritoneal fluid and its significance in clinical course: A review analysis.	
286	Mass Spectrometry Approaches for SARS-CoV-2 Detection: Harnessing for Application in Food and Environmental Samples. 2022 , 14, 872	
285	Reduced replication efficacy of SARS-CoV-2 Omicron variant in "mini-gut" organoids 2022,	Ο
284	SARS-CoV-2 IN CHILDREN AND THEIR ACCOMPANYING CAREGIVERS: IMPLICATIONS FOR TESTING STRATEGIES IN RESOURCE LIMITED HOSPITALS 2022 ,	
283	Network Pharmacology and Bioinformatics Analyses Identify Intersection Genes of Vitamin D3 and COVID-19 as Potential Therapeutic Targets 2022 , 13, 874637	
282	Identification and Analysis of SARS-CoV-2 Alpha Variants in the Largest Taiwan COVID-19 Outbreak in 2021 2022 , 9, 869818	Ο
281	SARS-CoV-2 detection in wastewater as an early warning: the case of metropolitan area of the city of Buenos Aires (AMBA).	
280	Fragility and contagiousness of the total laryngectomy patient in the COVID-19 pandemic. 2022 , 42, S68-S72	
279	SARS-CoV-2 Droplet and Airborne Transmission Heterogeneity 2022 , 11,	2
278	Multiorgan Involvement in SARS-CoV-2 Infection: The Role of the Radiologist from Head to Toe. 2022 , 12, 1188	0
277	What is the Hidden Biological Mechanism Underlying the Possible SARS-CoV-2 Vertical Transmission? A Mini Review. 2022 , 13,	2
276	Optimizing Convolutional Neural Networks with Transfer Learning for Making Classification Report in COVID-19 Chest X-Rays Scans. 2022 , 2022, 1-13	0
275	Taxonomical and functional changes in COVID-19 faecal microbiome could be related to SARS-CoV-2 faecal load 2022 ,	1
274	Wastewater based epidemiology as a silent sentinel of the trend of SARS-CoV-2 circulation in the community in central Argentina 2022 , 219, 118541	1
273	Classification of COVID-19 using Chest X-ray Images with Deep Learning Techniques-CNN & amp; ResNet-18. 2022 , 11, 49-52	

272	B-Cell-Epitope-Based Fluorescent Quantum Dot Biosensors for SARS-CoV-2 Enable Highly Sensitive COVID-19 Antibody Detection. 2022 , 14, 1031	O
271	Bronchoscopy in suspected severe acute respiratory syndrome-Coronavirus 2 pneumonia with atypical and indeterminate computed tomography presentation: indispensable or dispensable?. 2022 , 61,	
270	Individual Genetic Variability Mainly of Proinflammatory Cytokines, Cytokine Receptors and Toll-like receptors Dictates Pathophysiology of COVID-19 Disease 2022 ,	0
269	Excretion and viability of SARS-CoV-2 in feces and its association with the clinical outcome of COVID-19 2022 , 12, 7397	2
268	Testing for anosmia and ageusia in patients presenting to the emergency department with suspected coronavirus disease 2019 in Saudi Arabia 2022 , 50, 3000605221096280	
267	Consensus Receptor-Binding Domain-Targeted Aptamer Selection and Designing of a Photonic Crystal-Decorated Aptasensor for SARS-CoV-2 2022 ,	2
266	A Deep Learning-Based Diagnosis System for COVID-19 Detection and Pneumonia Screening Using CT Imaging. 2022 , 12, 4825	4
265	Potential of Natural Alkaloids From Jadwar (Delphinium denudatum) as Inhibitors Against Main Protease of COVID-19: A Molecular Modeling Approach. 2022 , 9,	O
264	Urban and sub-urban disparities in health outcomes among patients with COVID-19; a cross-sectional study of 234 418 patients in Iran 2022 , 22, 927	
263	COVID-19 Chest X-ray Classification and Severity Assessment Using Convolutional and Transformer Neural Networks. 2022 , 12, 4861	4
262	Reduction and Discharge of SARS-CoV-2 RNA in Chicago-Area Water Reclamation Plants.	1
261	COVID-19 prognosis using limited chest X-ray images 2022 , 108867	O
260	A novel fusion based convolutional neural network approach for classification of COVID-19 from chest X-ray images 2022 , 77, 103778	3
259	Machine Learning Approach for Autonomous Detection and Classification of COVID-19 Virus 2022 , 108055	O
258	Global effect of COVID-19 pandemic on cancer patients and its treatment: A systematic review. 2022 , 2, 100041	1
257	A Review of Deep Learning Applications in Lung Ultrasound Imaging of COVID-19 Patients. 2022 , 2022, 1-17	2
256	Appropriateness of high-priority criteria and safety of endoscopy procedures during the COVID-19 lockdown 2022 , 17, e0267112	
255	Adapted physical activity in subjects and athletes recovering from covid-19: a position statement of the Societ□Italiana Scienze Motorie e Sportive.	0

254	SARS-CoV-2 in Environmental Samples of Quarantined Households. 2022 , 14, 1075	2
253	SARS-Cov-2 Infection in Patients with Inflammatory Bowel Disease: A Single-Center Study. 2022 , 9, 288-292	
252	Potential intestinal infection and faecal-oral transmission of human coronaviruses 2022, e2363	О
251	Kidney Transplantation in a Recipient with Positive RT-PCR for SARS-CoV-2 2021 , 12, 42-47	
250	Accelerating a safe and effective control measures for Covid-19 pandemic: Water, sanitation and wash. 2022 ,	
249	COVID-19 Detection Using Chest X-rays: CNN as a Classifier Versus CNN as a Feature Extractor. 2022 , 259-272	
248	Application of Bronchoscopy during the COVID-19 Pandemic. 2022 , 12, 4396-4401	
247	FEATURES OF COVID-19 PNEUMONIA DIAGNOSIS. 2022 , 75, 781-786	
246	Design and Implementation of Surface Disinfection Robot Using UVC Light and Liquid Sanitizer. 2022 ,	O
245	Nursing Students[Opinions About the COVID-19 Vaccine: A Descriptive, Cross-Sectional Study.	
244	Development and Validation of Algorithms to Identify COVID-19 Patients Using a US Electronic Health Records Database: A Retrospective Cohort Study. Volume 14, 699-709	О
243	Angiotensin-Converting Enzyme 2 and Furin Expression in the Appendix of Children with COVID-19.	
242	Saliva as an alternative specimen to nasopharyngeal swabs for COVID-19 diagnosis: Review. 2022 , 4,	O
241	Quantitative and ultrasensitive in situ immunoassay technology for SARS-CoV-2 detection in saliva. 2022 , 8,	O
240	Role of Antibodies against SARS-COV-2 in the Detection of Corona Virus, its Transmissibility and Immunological Status Determination among Different Population in Babylon Province. 2022 , 10, 644-649	
239	Determination of IgG1 and IgG3 SARS-CoV-2 Spike Protein and Nucleocapsid BindingWho Is Binding Who and Why?. 2022 , 23, 6050	2
238	Primary pre-hospital triage of patients with COVID-19. 2022 ,	
237	Mechanisms of SARS-CoV-2 and Male Infertility: Could Connexin and Pannexin Play a Role?. 2022 , 13,	1

236	Gastrointestinal Involvement in SARS-CoV-2 Infection. 2022 , 14, 1188	2
235	SARS-CoV-2 Infection Dysregulates Host Iron (Fe)-Redox Homeostasis (Fe-R-H): Role of Fe-Redox Regulators, Ferroptosis Inhibitors, Anticoagulants, and Iron-Chelators in COVID-19 Control. 1-60	Ο
234	Potent and pan-neutralization of SARS-CoV-2 variants of concern by DARPins.	
233	Prediction of Patients with COVID-19 Requiring Intensive Care: A Cross-sectional Study Based on Machine-learning Approach from Iran. 2022 , 26, 688-695	2
232	Uso de elementos de proteccili personal en la atencili del parto vaginal en tiempos de COVID-19. 2022 , 25, 66-78	
231	2019 Novel Coronavirus Disease (Covid-19): Toward a Novel Design for Smart Waste Management Robot. 2022 ,	O
230	DIFFICULTIES IN DIAGNOSING THE SEVERE CORONAVIRUS DISEASE COVID-19 WITH A NEGATIVE PCR TEST RESULT: A CLINICAL REPORT.	
229	The COVID-19 Pandemic and Pregnancy: Impact on Mothers and Newborns. 2022 , 100977	Ο
228	COVID salivary diagnostics: A comparative technical study.	1
227	Detection of SARS-CoV-2 RNA by Reverse Transcription-Polymerase Chain Reaction (RT-PCR) on Self-Collected Nasal Swab Compared With Professionally Collected Nasopharyngeal Swab. 2022 ,	O
226	Gastrointestinal viral shedding in children with SARS-CoV-2: a systematic review and meta-analysis.	1
225	Towards Label-free detection of viral disease agents through their cell surface proteins: Rapid screening SARS-CoV-2 in biological specimens. 2022 ,	
224	A novel multi-scale based deep convolutional neural network for detecting COVID-19 from X-rays. 2022 , 109109	2
223	Electromagnetically-driven integrated microfluidic platform using reverse transcription loop-mediated isothermal amplification for detection of severe acute respiratory syndrome coronavirus 2. 2022 , 340036	O
222	CaracterBticas clflicas de 552 casos de COVID-19 en la Ciudad de Mklico y su relacifi con la prueba RT-PCR. 2021 , 68, 164-171	
221	Understanding COVID-19 Situation in Nepal and Implications for SARS-CoV-2 Transmission and Management. 2022 , 16, 117863022211043	
220	Deep Convolutional Neural Network Based Covid-19 Classification From Radiology X-Ray Images For IoT Enabled Devices. 2022 ,	5
219	Investigating generalization in automatic COVID-19 detection using deep learning. 2022,	

218	Seroprevalence and characteristics of Coronavirus Disease (COVID-19) in workers with non-specific disease symptoms. 2022 , 22,	Ο
217	Spatiotemporal Surveillance of SARS-CoV-2 in the Sewage of Three Major Urban Areas in Peru: Generating Valuable Data Where Clinical Testing Is Extremely Limited.	
216	Changes in diagnostic usefulness of the JRS scoring system in COVID-19 pneumonia by SARS-CoV-2 vaccination. 2022 ,	Ο
215	SARS-CoV-2 Viral Load in the Pulmonary Compartment of Critically Ill COVID-19 Patients Correlates with Viral Serum Load and Fatal Outcomes. 2022 , 14, 1292	Ο
214	Improved Analysis of COVID-19 Influenced Pneumonia from the Chest X-Rays Using Fine-Tuned Residual Networks. 2022 , 2022, 1-13	Ο
213	Longitudinal sampling sheds light on SARS-CoV-2 fecal shedding dynamics. 2022 , 3, 351-352	
212	CoviDetNet : A new COVID -19 diagnostic system based on deep features of chest x-ray.	
211	Remodeling of T Cell Dynamics During Long COVID Is Dependent on Severity of SARS-CoV-2 Infection. 13,	4
210	Evidence of SARS-CoV-2 Antibodies and RNA on Autopsy Cases in the Pre-Pandemic Period in Milan (Italy). 13,	0
209	The Pre-Vaccination Donated Blood Is Free from Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2) but Is Rich with Anti-SARS-CoV-2 Antibodies: A Cross-Section Saudi Study. 2022 , 19, 7119	Ο
208	Advancements in Testing Strategies for COVID-19. 2022 , 12, 410	O
207	Development and Validation of Indirect Enzyme-Linked Immunosorbent Assays for Detecting Antibodies to SARS-CoV-2 in Cattle, Swine, and Chicken. 2022 , 14, 1358	
206	Hairpin Structure Facilitates Multiplex High-Fidelity DNA Amplification in Real-Time Polymerase Chain Reaction.	О
205	Analysis of Chest X-Ray Images for the Recognition of COVID-19 Symptoms Using CNN. 2022 , 2022, 1-12	
204	SARS-CoV-2 Detection Limits in Swab and Gargle Samples by Comparing Antigen and RT-qPCR Testing. 2022 , 2, 752-758	Ο
203	COVID-19 along with other Chest Infections Diagnosis using Faster R-CNN and Generative Adversarial Network.	O
202	Comparable Detection of SARS-CoV-2 in Sputum and Oropharyngeal Swab Samples of Suspected COVID-19 Patients. 2022 , 2, 858-866	
201	Hallmarks of Severe COVID-19 Pathogenesis: A Pas de Deux Between Viral and Host Factors. 13,	Ο

200	COVID-Net CXR-2: An Enhanced Deep Convolutional Neural Network Design for Detection of COVID-19 Cases From Chest X-ray Images. 9,	0
199	How COVID-19 Affects Lung Transplantation: A Comprehensive Review. 2022 , 11, 3513	
198	An updated review of SARS-CoV -2 detection methods in the context of a novel coronavirus pandemic.	0
197	Clinical Characteristics in Patients with Redetected Positive RNA Test After Recovery from Foreign-Imported COVID-19 Cases in Xilln, China. Volume 15, 3295-3307	o
196	The Value of Spiral Chest Computed Tomography Scan in the Diagnosis of Asymptomatic Coronavirus Carriers among Paranasal Sinus and Pharynx Surgery Candidates.	
195	Distinct gut microbiota and health outcomes in asymptomatic infection, viral nucleic acid test re-positive, and convalescent COVID-19 cases.	0
194	Uncovering the genetic links of SARS-CoV-2 infections on heart failure co-morbidity by a systems biology approach.	0
193	Microbiome Analysis for Wastewater Surveillance during COVID-19.	3
192	Epidemic management and control through risk-dependent individual contact interventions. 2022 , 18, e1010171	1
191	Integration of renewable energy in wastewater treatment during COVID-19 pandemic: Challenges, opportunities, and progressive research trends. 2022 , 3, 100036	O
190	Critical role of Hyssop plant in the possible transmission of SARS-CoV-2 in contaminated human Feces and its implications for the prevention of the virus spread in sewage. 2022 , 305, 135247	O
189	COVID-19: Clinical laboratory diagnosis and monitoring of novel coronavirus infected patients using molecular, serological and biochemical markers: A review. 2022 , 36, 039463202211153	1
188	Computer Vision-Based Prognostic Modelling of COVID-19 from Medical Imaging. 2022 , 25-45	
187	Development and integration of VGG and dense transfer-learning systems supported with diverse lung images for discovery of the Coronavirus identity. 2022 , 32, 101004	o
186	Technical performance of a lateral flow immunoassay for detection of anti-SARS-CoV-2 IgG in the outpatient follow-up of non-severe cases and at different times after vaccination: comparison with enzyme and chemiluminescent immunoassays. 64,	
185	Modelling the Impact of Multiple Pro-inflammatory Cytokines Using Molecular Communication. 2022 ,	
184	Impact of the COVID-19 Pandemic on the Diagnosis of Tuberculosis in Brazil: Is the WHO End TB Strategy at Risk?. 13,	0
183	Maternal and Perinatal Outcomes of COVID-19-Positive Pregnant Women. 2022,	

182	The Detection of SARS-CoV2 Antigen in Wastewater Using an Automated Chemiluminescence Enzyme Immunoassay. 2022 , 19, 7783	О
181	Detection of SARS-CoV-2 Genome in Stool and Plasma Samples of Laboratory Confirmed Iranian COVID-19 Patients. 9,	О
180	Virology and immune dynamics reveal high household transmission of ancestral SARS-CoV-2 strain. 2022 , 33,	2
179	Genetic sequencing detected the SARS-CoV-2 delta variant in wastewater a month prior to the first COVID-19 case in Ahmedabad (India). 2022 , 119757	1
178	Screening Lung Diseases Using Cascaded Feature Generation and Selection Strategies. 2022 , 10, 1313	2
177	Altered gut microbiota patterns in COVID-19: Markers for inflammation and disease severity. 2022 , 28, 2802-2822	1
176	The role of routine SARS-CoV-2 screening of healthcare-workers in acute care hospitals in 2020: a systematic review and meta-analysis. 2022 , 22,	1
175	Transmission Pathways and Genomic Epidemiology of Emerging Variants of SARS-CoV-2 in the Environment. 2022 , 2, 916-939	2
174	Therapeutics for the management of cytokine release syndrome in COVID-19. 2022 , 22,	2
173	Landscape of B Cell Receptor Repertoires in COVID-19 Patients Revealed Through CDR3 Sequencing of Immunoglobulin Heavy and Light Chains. 1-15	
172	A Review of the Presence of SARS-CoV-2 in Wastewater: Transmission Risks in Mexico. 2022 , 19, 8354	О
171	Detection of SARS-CoV-2 Specific Antibodies in Saliva Samples. 13,	
170	Immunoassay-Compatible Inactivation of SARS-CoV-2 in Plasma Samples for Enhanced Handling Safety.	О
169	COVID-19 and male infertility: An overview of the disease. 2022 , 101, e29401	3
168	Development of a Biosensor Based on Angiotensin-Converting Enzyme II for Severe Acute Respiratory Syndrome Coronavirus 2 Detection in Human Saliva. 3,	О
167	Goblet Cell Hyperplasia Increases SARS-CoV-2 Infection in Chronic Obstructive Pulmonary Disease.	1
166	Nanobodies: COVID-19 and Future Perspectives. 2,	O
165	COVID-19: Gastrointestinal and Hepatobiliary Manifestations. 2022 ,	1

164	Minimal access surgery during COVID-19 wave [Review of literature. 17, 8	
163	Molecular detection of the COVID-19 genome in prostatic tissue of patients with previous infection. 1-3	O
162	Emergency Cesarean Section in a COVID-19 Patient with Antepartum Hemorrhage: A Case Report. 2022 , 12, 249-254	
161	Understanding the cellular pathogenesis of COVID-19 symptoms using organoid technology. 2, e16	
160	Seroprevalence of COVID-19 in Blood Donors: A Systematic Review and Meta-Analysis. 2022 , 2022, 1-10	
159	Predictive Value of Systemic Immune-inflammation Index in Determining Mortality in COVID-19 Patients. 2022 , 8, 156-164	O
158	Research progress in membrane fusion-based hybrid exosomes for drug delivery systems. 10,	O
157	Risk of Pulmonary Fibrosis and Persistent Symptoms Post-COVID-19 in a Cohort of Outpatient Health Workers. 2022 , 14, 1843	O
156	GRP78, a Novel Host Factor for SARS-CoV-2: The Emerging Roles in COVID-19 Related to Metabolic Risk Factors. 2022 , 10, 1995	1
155	Diagnostic Approaches For COVID-19: Lessons Learned and the Path Forward. 2022 , 16, 11545-11576	2
154	Determining SARS-CoV-2 non-infectivity state brief overview. 10,	
153	Confidence interval estimation for vaccine efficacy against COVID-19. 10,	
152	Viral Dynamic Surveillance in COVID-19 Patients: A Cohort Study. 2022 , 2022, 1-10	
151	The first report on detecting SARS-CoV-2 inside bacteria of the human gut microbiome: A case series on asymptomatic family members and a child with COVID-19. 11, 135	
150	INe looked at gut from both sides now: Gastrointestinal tract involvement in the pathogenesis of SARS-CoV-2 and HIV/SIV infections. 13,	O
149	Lessons from SARS-CoV, MERS-CoV, and SARS-CoV-2 Infections: What We Know So Far. 2022 , 2022, 1-13	1
148	Diagnostic Role of Bronchoalveolar Lavage in Patients with Suspected SARS-CoV-2 Pneumonia and Negative Upper Respiratory Tract Swab: A Systematic Review and Meta-Analysis. 2022 , 11, 4656	
147	Wastewater SequencingAn Innovative Method for Variant Monitoring of SARS-CoV-2 in Populations. 2022 , 19, 9749	1

146	Impacts of the COVID-19 pandemic on pharmaceuticals in wastewater treated for beneficial reuse: Two case studies in central Pennsylvania.	О
145	Two Years into the COVID-19 Pandemic: Lessons Learned.	4
144	COVID-19: Current Status in Gastrointestinal, Hepatic, and Pancreatic Diseases Concise Review. 2022 , 7, 187	1
143	Evaluation of SARS-CoV-2 patients with annual RT-PCR analysis results. 2022 , 13, em00804	2
142	The New SARS-CoV-2 Variants and Their Epidemiological Impact in Mexico.	О
141	Reduction in SARS-CoV-2 Virus Infectivity in Human and Hamster Feces. 2022 , 14, 1777	O
140	Diagnosis Methods for COVID-19: A Systematic Review. 2022 , 13, 1349	2
139	First detection of Monkeypox virus genome in sewersheds in France.	
138	Fine Tuning CNN for COVID-19 Patterns Detection From Chest Radiographs. 2022, 11, 1-15	О
137	Analysis of the implementation of COVID-19 vaccination program in DKI Jakarta province, Indonesia. 2022 ,	O
136	Contribution of Computed Tomography in the Diagnosis of Pulmonary Lesions Due to Coronavirus Disease (SRAS-CoV-2), COVID-19. 2022 , 12, 68-77	О
135	Management of COVID-19 During Pregnancy and the Postpartum Period. 2022 , 319-342	O
134	Severe pseudomembranous colitis in patients with previous coronavirus infection. 2022 , 53	О
133	Transfer E enme Mimarileri Kullan l arak Bilgisayarl⊤omografi G⊞tlerinden Covid-19'un Yksek DoEulukla S ñf land Fl mas .	O
132	Convolutional Neural Network (CNN) in COVID-19 Detection: A Case Study with Chest CT Scan Images. 2022 ,	О
131	Munnskyllemidler mot pandemisk/epidemisk virus Œn kort oversikt. 2020 , 131,	O
130	Probiotics in the Management of Mental and Gastrointestinal Post-COVID Symptomes. 2022 , 11, 5155	1
129	MLHC-COVID-19: Multi-layer Hybrid Classification Model for the Detection of COVID-19 from CXR Images (Preprint).	O

128	COVID-19 and Pulmonary Diseases. 2022 , 230-262	0
127	Potential Use of Exhaled Breath Condensate for Diagnosis of SARS-CoV-2 Infections: A Systematic Review and Meta-Analysis. 2022 , 12, 2245	o
126	The Additional Value of Lower Respiratory Tract Sampling in The Diagnosis of COVID-19: A Real-Life Observational Study. 2022 , 12, 2372	0
125	COVID-19 and cognitive impairment: neuroinvasive and blood-brain barrier dysfunction. 2022 , 19,	2
124	Prolonged viral shedding in feces of children with COVID-19: a systematic review and synthesis of data.	0
123	Anthropogenic Sewage Water Circuit as Vector for SARS-CoV-2 Viral ARN Transport and Public Health Assessment, Monitoring and ForecastingBibiu Metropolitan Area (Transylvania/Romania) Study Case. 2022 , 19, 11725	3
122	Genetic Load of SARS-CoV-2 in Aerosols Collected in Operating Theaters.	0
121	Quality of work life, fear of COVID-19, job satisfaction, and commitment: a moderated mediation model.	О
120	Efficacy of the Examination of Saliva Sample by Reverse Transcriptase-Polymerase Chain Reaction in Detection of SARS-CoV-2 in Al-Fallujah City, Iraq.	o
119	Colorimetric Detection of the SARS-CoV-2 Virus (COVID-19) in Artificial Saliva Using Polydiacetylene Paper Strips. 2022 , 12, 804	О
118	Detecting COVID-19 infection status from chest X-ray and CT scan via single transfer learning-driven approach. 13,	0
117	Diagnostic performance of molecular and serological tests of SARS-CoV-2 on well-characterised specimens from COVID-19 individuals: The EDCTP "PERFECT-study" protocol (RIA2020EF-3000). 2022 , 17, e0273818	O
116	Relationship Between the Nasopharyngeal Swab Sampling Method, Nasal Obstruction, and SARS-Cov-2 Positivity. 2022 , 60, 318-324	0
115	COVID-19 Semantic Pneumonia Segmentation and Classification Using Artificial Intelligence. 2022 , 2022, 1-13	O
114	Segmentation-Based Classification Deep Learning Model Embedded with Explainable AI for COVID-19 Detection in Chest X-ray Scans. 2022 , 12, 2132	1
113	Seropositivity of COVID-19 Among Healthy Voluntary Blood Donors and Its Association with Blood Groups: A Reflection of Burden of Asymptomatic COVID-19 Cases in The District of South Gujarat. 2022 , 13, 636-641	0
112	Bayesian Measurement of Diagnostic Accuracy of the RT-PCR Test for COVID-19. 2022 , 2, 414-426	0
111	Do patients with and survivors of COVID-19 benefit from telerehabilitation? A meta-analysis of randomized controlled trials. 10,	0

110	A review of covid-19 detection and diagnosis methods based on deep learning. 2022,	О
109	Current strategy of SARS-CoV-2 molecular detection.	O
108	COVID-19 Classification from X-Ray Images using 2D CNN. 2022 ,	О
107	Endothelial Dysfunction in COVID-19: Potential Mechanisms and Possible Therapeutic Options. 2022 , 12, 1605	2
106	Atypical Viral Infections in Gastroenterology. 2022 , 10, 87	О
105	Estimating the Effectiveness of Shielding during Pregnancy against SARS-CoV-2 in New York City during the First Year of the COVID-19 Pandemic. 2022 , 14, 2408	O
104	-ғөblems of PCR diagnostics OF COVID-19. 2022 , 14, 55-60	О
103	Lung Ultrasound as a Triage Method in Primary Care for Patients with Suspected SARS-CoV-2 Pneumonia. 2022 , 11, 6420	O
102	PGUNeT: Covid-19 CT Image Segmentation Using GAN and Feature Pyramid. 2022,	О
101	Detection of the SARS-CoV-2 Delta Variant in the Transboundary Rivers of Yunnan, China.	O
100	Evaluation of real and perceived risk to health care workers caring for patients with the Omicron variant of the SARS-CoV-2 virus in surgery and obstetrics.	О
99	An Exploration of Nanoparticle-Based Diagnostic Approaches for Coronaviruses: SARS-CoV-2, SARS-CoV and MERS-CoV. 2022 , 12, 3550	O
98	Postoperative Management During the Pandemic Coronavirus Disease 2019 (COVID-19) Era. 2022 , 4, 26-29	О
97	Comparison of Fourteen Rapid Point-of-Care Antigen Tests for SARS-CoV-2: Use and Sensitivity. 2022 , 2, 855-860	O
96	The origins of COVID-19 pandemic: A brief overview.	О
95	State-of-the-art tools to elucidate the therapeutic potential of TAT-peptide (TP) conjugated repurposing drug against SARS-CoV-2 spike glycoproteins. 2022 , 29,	O
94	Urine Metabolites Enable Fast Detection of COVID-19 Using Mass Spectrometry. 2022 , 12, 1056	O
93	Covid-19 detection using chest X-rays: is lung segmentation important for generalization?.	O

92	A gold nanoparticles-based lateral flow assay utilizing baculovirus expressed recombinant nucleocapsid and receptor binding domain proteins for serodetection of IgG and IgM against SARS-CoV-2.	O
91	Characteristics and transmission dynamics of COVID-19 in healthcare workers in a tertiary teaching hospital. 2022 , 26-31	О
90	Workflow for Medical Data Classification and Analysis. 2022,	O
89	CNN for the detection of COVID-19 from chest X-ray images. 2022 ,	o
88	Silver and Silver Nanoparticles for the Potential Treatment of COVID-19: A Review. 2022, 12, 1679	1
87	SARS-CoV-2 variants: Impact on biological and clinical outcome. 9,	O
86	COVID-19 Data Analytics Using Extended Convolutional Technique. 2022 , 2022, 1-10	О
85	Investigation of Serum Angiotensin-Converting Enzyme (ACE) Concentration and ACE Gene Polymorphism in Patients With SARS-CoV-2 Pneumonia Admitted to the Emergency Department. 2022 ,	О
84	Evaluation of the presence of SARS-CoV-2 in vaginal and anal swabs of women with omicron variants of SARS-CoV-2 infection. 13,	O
83	The Frontline War: A Case-control study of risk factors for COVID-19 among health care workers. 11, 1298	О
82	New patch-based strategy for COVID-19 automatic identification using chest x-ray images.	0
81	Bronchoscopy during the COVID-19 pandemic: A Canadian Thoracic Society Position Statement update. 1-7	О
80	Accurate Diagnosis of COVID-19 from Self-Collectable Biospecimens Using Synthetic Apolipoprotein H Peptide-Coated Nanoparticle Assay.	0
79	The use of acetylsalicylic acid for prevention of cardiovascular complications in patients undergoing COVID-19. A review of current recommendations. 2022 , 15, 656	O
78	Comparison of laboratory parameters in patients with COVID-19 (Preprint).	0
77	SARS-COV-2 ?????. ?????????????????????????????). 2022 , 29-34	O
76	Coronavirus Infection in a Child of the First Year of Life: a Case Report. 2022, 21, 106-114	O
75	Single-cell RNA-sequencing in asthma research. 13,	O

74	How to reduce the exposure risk of medical staff from SARS-CoV-2 by reducing environmental contamination: Experience from designated hospitals in China. 10,	0
73	Virological and histological evaluation of intestinal samples in COVID-19 patients. 28, 6282-6293	Ο
72	Diagnosis of COVID-19 Disease in Chest CT-Scan Images Based on Combination of Low-Level Texture Analysis and MobileNetV2 Features. 2022 , 2022, 1-13	1
71	The effects of COVID-19 on the water sector. 10,	Ο
70	Gastrointestinal organoids in the study of viral infections.	1
69	Comparison of clinical characteristics between COVID-19 and H7N9 fatal cases: An observational study. 10,	O
68	Nanomaterials to combat SARS-CoV-2: Strategies to prevent, diagnose and treat COVID-19. 10,	0
67	COVID-19 and surgery. 2022 , 35,	Ο
66	COVID-19 Data Analytics Using Extended Convolutional Technique.	0
65	Nucleic acid testing of SARS-CoV-2: A review of current methods, challenges, and prospects. 13,	O
64	Rapid Point-of-Care Assay by SERS Detection of SARS-CoV-2 Virus and Its Variants. 2022 , 94, 17795-17802	2
63	Clinical Characteristics and Management of Patients with a Suspected COVID-19 Infection in Emergency Departments: A European Retrospective Multicenter Study. 2022 , 12, 2085	O
62	The role of bronchoalveolar lavage in diagnosis and prognosis of COVID-19 patients. 2022, 61,	0
61	Korona Vir&Tan s̃`v e Biyosensfler. 2022 , 31, 273-278	O
60	Alterations of the gut microbiota in coronavirus disease 2019 and its therapeutic potential. 28, 6689-6701	2
59	Smart Nanobiosensing for COVID-19 Diagnosis. 2023 , 123-162	Ο
58	Estudio comparativo de la deteccifi de SARS-CoV-2 por RT-PCR en muestras de hisopado nasofaringeo y saliva un estudio piloto en Bolivia. 2022 , 45,	0
57	Direct Nasal Swab for Rapid Test and Saliva as an Alternative Biological Sample for RT-PCR in COVID-19 Diagnosis. 2022 , 10,	1

56	In Vitro Screening and MD Simulations of Thiourea Derivatives against SARS-CoV-2 in Association with Multidrug Resistance ABCB1 Transporter. 2022 , 7, 47671-47679	0
55	Patient Prediction Through Convolutional Neural Networks. 2022 , 19, 52-56	O
54	Mechanism and potential treatments for gastrointestinal dysfunction in patients with COVID-19. 28, 6811-6826	О
53	COVID-19 and male fertility. 2021 , 4, 52	O
52	Prognostic factors for SARS-CoV 2 nasopharyngeal swab negativity: a multicentric study	O
51	Post-COVID-19 cholangiopathy: A systematic review. 11, 29-37	1
50	Does SARS-CoV-2 Affect Human Semen? A Systematic Review and Meta-Analysis.	0
49	Quantitative and Qualitative Analysis of 18 Deep Convolutional Neural Network (CNN) Models with Transfer Learning to Diagnose COVID-19 on Chest X-Ray (CXR) Images. 2023 , 4,	O
48	Au Nanoparticles/HfO\$_{text{2}}\$/Fully Depleted Silicon-on-Insulator MOSFET Enabled Rapid Detection of Zeptomole COVID-19 Gene With Electrostatic Enrichment Process. 2023 , 1-7	0
47	Commonly used dental mouthwashes and SARS CoV -2 Ithe road to what we know today.	O
46	Rapid Assessment of SARS-CoV-2 Variant-Associated Mutations in Wastewater Using Real-Time RT-PCR.	O
45	Assessment of Chest X-Ray Image-Based COVID-19 Detection using Deep Transfer Learning Models. 2022 ,	O
44	Radiological Diagnosis of SARS-CoV-2 Infected Patients by Automated Classification of Chest Radiographs using DTL. 2022 ,	O
43	Convolutional Neural Network based COVID-19 Recognition from X-Ray Image. 2022,	O
42	COVID-19 Detection: A Systematic Review of Machine and Deep Learning-Based Approaches Utilizing Chest X-Rays and CT Scans.	O
41	Aptamer-Linked Photonic Crystal Assay for High-Throughput Screening of HIV and SARS-CoV-2.	O
40	The Implications of COVID-19 Infection on Hematologic Parameters and Coagulation Activity: A Review. 2022 , 15, 1837-1851	0
39	COVID-19: Epidemiology. 2023 , 1-21	O

38	A CNN Model for Detection of Covid 19 Disease Using Lungs CT - Scan. 426-433	O
37	An Approach for COVID-19 Identification from Chest X-ray Images Using High-Resolution Networks. 2022 ,	O
36	Artificial Intelligence System for Classification of COVID-19 from CXR Images. 2022,	O
35	Artificial Intelligence Based Instance-Aware Semantic Lobe Segmentation on Chest Computed Tomography Images.	O
34	Progression of Paper-Based Point-of-Care Testing toward Being an Indispensable Diagnostic Tool in Future Healthcare.	O
33	COVID-DenseNet: A Deep Learning Architecture to Detect COVID-19 from Chest Radiology Images. 2023 , 397-415	O
32	Advanced oxidation processes in the mitigation of antibiotic-resistant genes in effluents. 2023, 341-367	0
31	Environmental surveillance of SARS-CoV-2 in municipal wastewater to monitor COVID-19 status in urban clusters in Malaysia. 2023 , 205,	O
30	Effects of COVID-19 pandemic on mental health among frontline healthcare workers: A systematic review and meta-analysis. 13,	1
29	Design of an Efficient Approach for Performance Enhancement of COVID-19 Detection Using Auxiliary GoogLeNet by Using Chest CT Scan Images. 2022 ,	Ο
28	The most common route of administration used during COVID-19. 2023, 23, 81-90	0
27	Quality of Thorax CT Scan Images among Covid-19 Cases using Variations of Filter. 2022 , 20, 251-259	Ο
26	The Frontline War: A Case-control study of risk factors for COVID-19 among health care workers. 11, 1298	O
25	Epidemiological Features of the Molecular Surveillance of SARS-CoV-2 in Northern Greece: The Experience of a Regional Hospital.	Ο
24	Variant-specific deleterious mutations in the SARS-CoV-2 genome reveal immune responses and potentials for prophylactic vaccine development. 14,	0
23	Field-effect transistor antigen/antibody-TMDs sensors for the detection of COVID-19 samples. 2023 , 15, 4570-4580	O
22	Analyzing the diffusion and duration of antibodies to SARS-CoV-2 during the natural infection and comparison with vaccination. 2023 , 138,	О
21	Classifying COVID-19 Patients From Chest X-ray Images Using Hybrid Machine Learning Techniques: Development and Evaluation. 7, e42324	O

20	COVID19 Impairs Cardiac Function via Endothelial H19 and IL6 Signaling. 2023, 132, 648-651	0
19	Optimal Delivery Management for the Prevention of Early Neonatal SARS-CoV-2 Infection: Systematic review and Meta-analysis.	0
18	Human brain organoids to explore SARS-CoV-2-induced effects on the central nervous system. 2023 , 33,	0
17	COVID-19 (Symptomatic Non-Respiratory) with Type 2 Diabetes Mellitus. 2023 , 29, 101-106	O
16	Deep-CoV: An integrated deep learning model to detect COVID -19 using chest X-ray and CT images. 2023 , 39, 369-400	О
15	Bioaccumulation Pattern of the SARS-CoV-2 Spike Proteins in Pacific Oyster Tissues. 2023 , 89,	O
14	Dynamic Changes of ORF1ab and N Gene Ct Values in COVID-19 Omicron Inpatients of Different Age Groups Beijing Municipality, China, November December 2022. 2023 , 5, 180-183	О
13	Diagnosis of Covid-19 from Chest X-Ray Images Using Wavelet-Based Depth Wise Convolution Network. 2022 ,	O
12	New, fast, and precise method of COVID-19 detection in nasopharyngeal and tracheal aspirate samples combining optical spectroscopy and machine learning.	O
11	Binding-Induced Folding of DNA Oligonucleotides Targeted to the Nucleocapsid Gene Enables Electrochemical Sensing of SARS-CoV-2. 2023 , 6, 1133-1145	O
10	Computer-Aided Diagnosis of COVID-19 with Joint Instance Segmentation and Classification. 2022 ,	О
9	Cross-species transmission of coronaviruses with a focus on severe acute respiratory syndrome coronavirus 2 infection in animals: a review for the veterinary practitioner. 1-13	O
8	Diagnosis and detection of COVID-19 infection on X-Ray and CT scans using deep learning based generative adversarial network. 1-11	О
7	Intestinal barrier dysfunction as a key driver of severe COVID-19. 12, 68-90	0
6	Strategies for Surgical Practice during COVID-19 Epidemic. 2022 , 37, 158-163	О
5	Relationship between anal swab PCR for SARS-CoV-2 with gastrointestinal clinical manifestations and severity of COVID-19 infection in Indonesia. 12, 358	0
4	Clinical and Cytokine Profile of Children With COVID-19: A Report From Turkey. 2023,	0
3	Detection of Sars-Cov-2 from human chest CT images in Multi-Convolutional Neural Network environment. 2023 ,	O

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