

CITATION REPORT

List of articles citing

Chest CT manifestations of new coronavirus disease 2019 (COVID-19): a pictorial review

DOI: 10.1007/s00330-020-06801-0
European Radiology, 2020, 30, 4381-4389.

Source: <https://exaly.com/paper-pdf/76920287/citation-report.pdf>

Version: 2024-04-27

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

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

#	Paper	IF	Citations
860	Updated guidance on the management of COVID-19: from an American Thoracic Society/European Respiratory Society coordinated International Task Force (29 July 2020). 2020 , 29,		50
859	Tocilizumab for severe COVID-19 related illness - A community academic medical center experience. 2020 , 2, 100035		5
858	Retinal findings in patients with COVID-19: Results from the SERPICO-19 study. 2020 , 27, 100550		102
857	Correspondence on 'Lung involvement in macrophage activation syndrome and severe COVID-19: results from a cross-sectional study to assess clinical, laboratory and artificial intelligence-radiological differences' by Ruscitti. 2020 ,		2
856	Multisystem Imaging Manifestations of COVID-19, Part 1: Viral Pathogenesis and Pulmonary and Vascular System Complications. 2020 , 40, 1574-1599		42
855	Radiographic characteristics and early clinical manifestations of family clustered coronavirus disease 2019 (COVID-19). 2020 , 48, 030006052094589		78
854	Are there overlapping clinical features between thoracic radiotherapy side effects and covid-19 pneumonia? Radiation pneumonitis outside the radiation ports: Three case reports. 2020 , 25, 107-111		0
853	Chest computed tomography (CT) features in children with reverse transcription-polymerase chain reaction (RT-PCR)-confirmed COVID-19: A systematic review. 2020 , 64, 649-659		9
852	Converging pathways in pulmonary fibrosis and Covid-19 - The fibrotic link to disease severity. 2020 , 2, 100023		19
851	Nitric Oxide Ventilation Improves Recirculation and Right Ventricular Function During Veno-Venous Extracorporeal Membrane Oxygenation in a COVID-19 Patient. 2021 , 35, 2763-2767		5
850	A model based on CT radiomic features for predicting RT-PCR becoming negative in coronavirus disease 2019 (COVID-19) patients. 2020 , 20, 118		18
849	Avaliaç� e intervenç� para a reabilitaç� cardiopulmonar de pacientes recuperados da COVID-19. 2020 , 11, 183		1
848	Chest CT-scan finding of asymptomatic COVID-19 pneumonia: a prospective 542 patients' single center study. 2020 , 36, 257		0
847	COVID-19: New disease, new manifestations. 2020 , 56, 825-826		1
846	Recommendations for acting in elective and urgent thoracic surgery during SARS-CoV-2 pandemic. Spanish Society of Thoracic Surgery. 2020 , 98, 574-581		1
845	Clarification on Pleural Effusions in COVID-19. 2020 , 2, e200330		4
844	Automated detection and quantification of COVID-19 pneumonia: CT imaging analysis by a deep learning-based software. 2020 , 47, 2525-2532		46

843	COVID-19 pneumonia presenting as a single pulmonary nodule in a kidney transplant recipient: A case report and literature review. 2020 , 15, 1587-1590	2
842	SARS-CoV-2 induces transcriptional signatures in human lung epithelial cells that promote lung fibrosis. 2020 , 21, 182	75
841	Challenges in the Management of SARS-CoV2 Infection: The Role of Oral Bacteriotherapy as Complementary Therapeutic Strategy to Avoid the Progression of COVID-19. 2020 , 7, 389	98
840	COVID-19: clinical issues from the Japan Surgical Society. 2020 , 50, 794-808	14
839	High-resolution computed tomography finding in 552 patients with symptomatic COVID-19: first report from north of Iran. 2020 , 27, 633-639	10
838	Proposal of COVID-19 Clinical Risk Score for the management of suspected COVID-19 cases: a case control study. 2020 , 20, 858	6
837	COVID-19 or clinical amyopathic dermatomyositis associated rapidly progressive interstitial lung disease? A case report. 2020 , 20, 304	10
836	Contribution of CT Features in the Diagnosis of COVID-19. 2020 , 2020, 1237418	8
835	Immunopathology, host-virus genome interactions, and effective vaccine development in SARS-CoV-2. 2020 , 18, 3774-3787	11
834	Pleural effusion in a patient with COVID-19 pneumonia and lung cancer: A case report. 2020 , 31, 101302	3
833	Traditional Chinese medicine formula Xiaoqinglong decoction for cough caused by COVID-19: A protocol for a systematic review and meta-analysis. 2020 , 99, e23261	1
832	Diagnostic accuracy of initial chest radiograph compared to SARS-CoV-2 PCR in patients with suspected COVID-19. 2020 , 2, 20200034	9
831	A Scientific Rationale for Using Cystic Fibrosis Transmembrane Conductance Regulator Therapeutics in COVID-19 Patients. 2020 , 11, 583862	2
830	Treatment of Community-Acquired Pneumonia During the Coronavirus Disease 2019 (COVID-19) Pandemic. 2020 , 173, 304-305	33
829	Temporal lung changes on thin-section CT in patients with COVID-19 pneumonia. 2020 , 10, 19649	2
828	Assigning computed tomography involvement score in COVID-19 patients: prognosis prediction and impact on management. 2020 , 2, 20200024	4
827	Mobile chest X-ray manifestations of 54 deceased patients with coronavirus disease 2019: Retrospective study. 2020 , 99, e23167	1
826	Connective Tissue Growth Factor: From Molecular Understandings to Drug Discovery. 2020 , 8, 593269	25

825	Coronavirus Disease 2019: A Brief Review of the Clinical Manifestations and Pathogenesis to the Novel Management Approaches and Treatments. 2020 , 10, 572329	3
824	Quantifying and reporting cardiac findings in imaging of COVID-19 patients. 2020 , 90,	11
823	Long lasting hypercoagulability after subclinical COVID-19. 2020 , 50, 822-824	4
822	Imaging of COVID-19 pneumonia: Patterns, pathogenesis, and advances. 2020 , 93, 20200538	18
821	Complete post-mortem data in a fatal case of COVID-19: clinical, radiological and pathological correlations. 2020 , 134, 2209-2214	28
820	Diagnostic Accuracy of North America Expert Consensus Statement on Reporting CT Findings in Patients Suspected of Having COVID-19 Infection: An Italian Single-Center Experience. 2020 , 2, e200312	25
819	Modeling and Forecasting the COVID-19 Temporal Spread in Greece: An Exploratory Approach based on Complex Network Defined Splines. 2020 , 17,	27
818	'Ring of fire' appearance in COVID-19 pneumonia. 2020 , 13,	3
817	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
816	[COVID-19 pneumonia]. 2020 , 61, 793-803	5
815	COVID-19 interstitial pneumonia: monitoring the clinical course in survivors. 2020 , 8, 839-842	53
814	COVID-19 and diabetes mellitus: how one pandemic worsens the other. 2020 , 21, 451-463	41
813	COVID-19 conundrum: clinical phenotyping based on pathophysiology as a promising approach to guide therapy in a novel illness. 2020 , 56,	8
812	Pulmonary vascular enlargement on thoracic CT for diagnosis and differential diagnosis of COVID-19: a systematic review and meta-analysis. 2020 , 8, 878	13
811	Significant Unresolved Questions and Opportunities for Bioengineering in Understanding and Treating COVID-19 Disease Progression. 2020 , 13, 1-26	4
810	18-FDG PSEUDOTUMORAL LESION WITH QUICK FLOWERING TO A TYPICAL LUNG CT COVID-19. 2020 , 15, 1813-1816	3
809	Pulmonary function of patients with 2019 novel coronavirus induced-pneumonia: a retrospective cohort study. 2020 , 9, 3447-3452	15
808	Heparin Therapy Improving Hypoxia in COVID-19 Patients - A Case Series. 2020 , 11, 573044	24

807	Coronary Artery Calcification and Complications in Patients With COVID-19. 2020 , 13, 2468-2470	26
806	A 21st Century Evil: Immunopathology and New Therapies of COVID-19. 2020 , 11, 562264	5
805	Early F-FDG PET/CT in COVID-19. 2020 , 64, 671-673	4
804	COVID-19: new disease, new manifestations. 2020 , 56, 825-826	78
803	A pandemic offers a silver lining for pediatric radiology training. 2020 , 50, 1546-1550	0
802	Diagnosis and monitoring of COVID-19 pneumonia in pregnant women: is lung ultrasound appropriate?. 2020 , 56, 467-468	3
801	A Characteristic Chest Radiographic Pattern in the Setting of the COVID-19 Pandemic. 2020 , 2, e200280	14
800	Body composition on low dose chest CT is a significant predictor of poor clinical outcome in COVID-19 disease - A multicenter feasibility study. 2020 , 132, 109274	16
799	Lung Ultrasonography for Risk Stratification in Patients with Coronavirus Disease 2019 (COVID-19): A Prospective Observational Cohort Study. 2021 , 73, e4189-e4196	26
798	An unusual course of disease in two patients with COVID-19: pulmonary cavitation. 2020 , 13,	8
797	Chest Computed Tomography Findings in Asymptomatic Patients with COVID-19. 2020 , 99, 748-754	11
796	Temporal lung changes in high-resolution chest computed tomography for coronavirus disease 2019. 2020 , 48, 300060520950990	2
795	First report on clinical and radiological features of COVID-19 pneumonitis in a Caucasian population: Factors predicting fibrotic evolution. 2020 , 99, 485-488	13
794	Concomitant calciphylaxis and COVID-19 associated thrombotic retiform purpura. 2020 , 49, 1879-1884	9
793	Thorax Magnetic Resonance Imaging Findings in Patients with Coronavirus Disease (COVID-19). 2020 , 27, 1373-1378	18
792	Differential diagnosis of coronavirus disease 2019 from community-acquired-pneumonia by computed tomography scan and follow-up. 2020 , 9, 118	4
791	The Novel Coronavirus Disease (COVID-19): A PRISMA Systematic Review and Meta-Analysis of Clinical and Paraclinical Characteristics. 2020 , 2020, 3149020	12
790	COVID-19 Deep Learning Prediction Model Using Publicly Available Radiologist-Adjudicated Chest X-Ray Images as Training Data: Preliminary Findings. 2020 , 2020, 8828855	52

789	American Neurotology Society, American Otological Society, and American Academy of Otolaryngology - Head and Neck Foundation Guide to Enhance Otologic and Neurotologic Care During the COVID-19 Pandemic. 2020 , 41, 1163-1174	11
788	Fangcang Shelter Hospital in Wuhan: A radiographic report on a cohort of 98 COVID-19 patients. 2020 , 17, 2125-2132	0
787	COVID-19: Review of a 21st Century Pandemic from Etiology to Neuro-psychiatric Implications. 2020 , 77, 459-504	39
786	Rehabilitation of post-COVID-19 patients. 2020 , 36, 168	5
785	Findings and Prognostic Value of Lung Ultrasound in COVID-19 Pneumonia. 2021 , 40, 1315-1324	11
784	Potential Applications of Microfluidics to Acute Kidney Injury Associated with Viral Infection. 2020 , 13, 1-7	2
783	Hypothesis: The potential therapeutic role of nicorandil in COVID-19. 2020 , 47, 1791-1797	3
782	Managing rheumatic diseases during COVID-19. 2020 , 39, 3245-3254	10
781	New and developing diagnostic platforms for COVID-19: A systematic review. 2020 , 20, 971-983	7
780	Can CT performed in the early disease phase predict outcome of patients with COVID 19 pneumonia? Analysis of a cohort of 64 patients from Germany. 2020 , 131, 109256	16
779	Pulmonary Fibrosis in COVID-19 Survivors: Predictive Factors and Risk Reduction Strategies. 2020 , 2020, 6175964	116
778	Pathways in the Pathophysiology of Coronavirus 19 Lung Disease Accessible to Prevention and Treatment. 2020 , 11, 872	16
777	COVID-19 pneumonia: Diagnostic and prognostic role of CT based on a retrospective analysis of 214 consecutive patients from Paris, France. 2020 , 131, 109209	27
776	Multimodality imaging of COVID-19 pneumonia: from diagnosis to follow-up. A comprehensive review. 2020 , 131, 109217	34
775	Prognostic Value of Admission Chest CT Findings for Invasive Ventilation Therapy in COVID-19 Pneumonia. 2020 , 10,	2
774	Involvement of the Mediastinal Subpleural Pulmonary Parenchyma on Chest CT in COVID-19 patients: A Case Series. 2020 , 14, 1-15	1
773	Lethal COVID-19: Radiologic-Pathologic Correlation of the Lungs. 2020 , 2, e200406	12
772	Recommendations for acting in elective and urgent thoracic surgery during SARS-CoV-2 pandemic. Spanish Society of Thoracic Surgery. 2020 , 98, 574-581	78

771	Comprehensive review on novel COVID-19: a Saudi perspective. 2020 , 27, 480-492	2
770	From Radiological Manifestations to Pulmonary Pathogenesis of COVID-19: A Bench to Bedside Review. 2020 , 2020, 8825761	5
769	Twice Lucky: Elderly Patient Surviving Both COVID-19 and Serendipitous Lung Carcinoma. 2020 , 56, 826-828	
768	Lung Point-of-Care Ultrasound in Pediatric COVID-19: A Case Series. 2020 , 36, 544-548	3
767	Effectiveness of Steroid Treatment for SARS-CoV-2 Pneumonia With Cryptogenic Organizing Pneumonia-Like Reaction: A Case Report. 2020 , 1-4	1
766	Zero-shot learning and its applications from autonomous vehicles to COVID-19 diagnosis: A review. 2020 , 3, 100005	7
765	Clinical manifestations and radiological features by chest computed tomographic findings of a novel coronavirus disease-19 pneumonia among 92 patients in Japan. 2021 , 54, 748-751	5
764	A Dangerous Consequence of the Recent Pandemic: Early Lung Fibrosis Following COVID-19 Pneumonia - Case Reports. 2020 , 16, 1039-1046	14
763	Dual-Energy Computed Tomography of the Lung in COVID-19 Patients: Mismatch of Perfusion Defects and Pulmonary Opacities. 2020 , 10,	11
762	Comparison of Chest CT Grading Systems in Coronavirus Disease 2019 (COVID-19) Pneumonia. 2020 , 2, e200492	13
761	Chest CT Findings after 4 Months from the Onset of COVID-19 Pneumonia: A Case Series. 2020 , 10,	6
760	Usefulness of Lung Ultrasound Follow-up in Patients Who Have Recovered From Coronavirus Disease 2019. 2021 , 40, 1971-1974	3
759	Chest Computed Tomography Scoring in Patients With Novel Coronavirus-infected Pneumonia: Correlation With Clinical and Laboratory Features and Disease Outcome. 2020 , 34, 3735-3746	2
758	Validation of a composed COVID-19 chest radiography score: the CARE project. 2020 , 6,	8
757	Intensive diagnostic management of coronavirus disease 2019 (COVID-19) in academic settings in Japan: challenge and future. 2020 , 40, 38	2
756	"Reversed halo sign" on 3D CT in COVID-19. 2020 , 26, 379	7
755	Radiological approach to COVID-19 pneumonia with an emphasis on chest CT. 2020 , 26, 323-332	32
754	Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. 2020 , 9,	5

753	A review of cardiac manifestations and predictors of outcome in patients with COVID - 19. 2020 , 49, 848-852	39
752	Canadian Society of Thoracic Radiology/Canadian Association of Radiologists Consensus Statement Regarding Chest Imaging in Suspected and Confirmed COVID-19. 2020 , 71, 470-481	35
751	CT differential diagnosis of COVID-19 and non-COVID-19 in symptomatic suspects: a practical scoring method. 2020 , 20, 129	28
750	Contrast-Enhanced Ultrasound in Patients With COVID-19: Pneumonia, Acute Respiratory Distress Syndrome, or Something Else?. 2020 , 39, 2483-2489	20
749	Imaging in corona virus disease 2019 (COVID-19)-A Scoping review. 2020 , 7, 100237	34
748	Imagerie de la pneumonie COVID-19. 2020 , 3, 249-258	5
747	RILI model and the Covid-19 pneumonia: The radiation oncologist point of view. 2020 , 147, 222-223	3
746	Coronavirus Disease 2019, Prothrombotic Factors, and Venous Thromboembolism. 2020 , 46, 772-776	30
745	SARS-CoV-2 Infection with Different Radiological Insights. 2020 , 10,	6
744	Incidentally discovered COVID-19 pneumonia: the role of diagnostic imaging. <i>European Radiology</i> , 2020 , 30, 5211-5213	8 12
743	Propagation by COVID-19 at high altitude: Cusco case. 2020 , 279, 103448	15
742	Drug repurposing against COVID-19: focus on anticancer agents. 2020 , 39, 86	44
741	Clinical Potential of UTE-MRI for Assessing COVID-19: Patient- and Lesion-Based Comparative Analysis. 2020 , 52, 397-406	28
740	A case report with COVID-19 during perioperative period of lobectomy. 2020 , 99, e20166	3
739	Development and Potential Usefulness of the COVID-19 Ag Respi-Strip Diagnostic Assay in a Pandemic Context. 2020 , 7, 225	114
738	Mobile X-rays are highly valuable for critically ill COVID patients. <i>European Radiology</i> , 2020 , 30, 5217-5219	13
737	EGFR Tyrosine Kinase Inhibitor-Associated Interstitial Lung Disease During the Coronavirus Disease 2019 Pandemic. 2020 , 15, e129-e131	7
736	Diagnosis and treatment of coronavirus disease 2019 (COVID-19): Laboratory, PCR, and chest CT imaging findings. 2020 , 79, 143-153	53

735	Novel Coronavirus (COVID-19) and Dentistry-A Comprehensive Review of Literature. 2020 , 8,	65
734	Management of heart failure patients with COVID-19: a joint position paper of the Chinese Heart Failure Association & National Heart Failure Committee and the Heart Failure Association of the European Society of Cardiology. 2020 , 22, 941-956	60
733	A systematic review of chest imaging findings in COVID-19. 2020 , 10, 1058-1079	74
732	Donor and transplant candidate selection for solid organ transplantation during the COVID-19 pandemic. 2020 , 20, 3113-3122	35
731	Radiological Society of North America Chest CT Classification System for Reporting COVID-19 Pneumonia: Interobserver Variability and Correlation with Reverse-Transcription Polymerase Chain Reaction. 2020 , 2, e200213	33
730	. 2020 , 15, 1629-1632	1
729	Syrian hamsters as a small animal model for SARS-CoV-2 infection and countermeasure development. 2020 , 117, 16587-16595	528
728	COVID-19 acute respiratory distress syndrome (ARDS): clinical features and differences from typical pre-COVID-19 ARDS. 2020 , 213, 54-56.e1	180
727	Checkpoint inhibitor pneumonitis mimicking COVID-19 infection during the COVID-19 pandemic. 2020 , 146, 376-377	9
726	COVID-19 paraclinical diagnostic tools: Updates and future trends. 2020 , 68, 83-91	9
725	Chest CT features of coronavirus disease 2019 (COVID-19) pneumonia: key points for radiologists. 2020 , 125, 636-646	88
724	CT imaging features of COVID-19 pneumonia: initial experience from Turkey. 2020 , 26, 308-314	10
723	COVID-19 S: A new proposal for diagnosis and structured reporting of COVID-19 on computed tomography imaging. 2020 , 26, 315-322	18
722	2019 novel coronavirus (COVID-19) pneumonia complications: the importance of lung ultrasound. 2020 , 1	5
721	Optical techniques, computed tomography and deep learning role in the diagnosis of COVID-19 pandemic towards increasing the survival rate of vulnerable populations. 2020 , 31, 101880	3
720	Clinical characteristics and laboratory results of pregnant women with COVID-19 in Wuhan, China. 2020 , 150, 312-317	28
719	COVID-19: from epidemiology to treatment. 2020 , 41, 2092-2112	45
718	Lung ventilation function characteristics of survivors from severe COVID-19: a prospective study. 2020 , 24, 300	17

717	Coronavirus disease (COVID-19): observations and lessons from primary medical care at a German community hospital. 2020 , 10, 81-87	4
716	Vitamin D receptor stimulation to reduce acute respiratory distress syndrome (ARDS) in patients with coronavirus SARS-CoV-2 infections: Revised Ms SBMB 2020_166. 2020 , 202, 105719	72
715	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
714	Chest CT Features of COVID-19 in Rome, Italy. 2020 , 296, E79-E85	360
713	Radiological findings for diagnosis of SARS-CoV-2 pneumonia (COVID-19). 2020 , 155, 36-40	14
712	AhR and IDO1 in pathogenesis of Covid-19 and the "Systemic AhR Activation Syndrome:" a translational review and therapeutic perspectives. 2020 , 38, 343-354	32
711	Chest Computed Tomography Findings in COVID-19 and Influenza: A Narrative Review. 2020 , 2020, 6928368	23
710	The Role of Transthoracic Ultrasound in the novel Coronavirus Disease (COVID-19): A Reappraisal. Information and Disinformation: Is There Still Place for a Scientific Debate?. 2020 , 7, 271	5
709	Chest-CT findings of COVID-19 in patients with pre-existing malignancies; a pictorial review. 2020 , 67, 121-129	13
708	Devilishly radical NETwork in COVID-19: Oxidative stress, neutrophil extracellular traps (NETs), and T cell suppression. 2020 , 77, 100741	100
707	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
706	Impaired Breakdown of Bradykinin and Its Metabolites as a Possible Cause for Pulmonary Edema in COVID-19 Infection. 2020 , 46, 835-837	34
705	AI4COVID-19: AI enabled preliminary diagnosis for COVID-19 from cough samples via an app. 2020 , 20, 100378	220
704	Chest CT features of coronavirus disease-19 (COVID-19) pneumonia: which findings on initial CT can predict an adverse short-term outcome?. 2020 , 2, 20200016	6
703	Current Status of Computed Tomography in Novel Coronavirus Disease 2019 Pneumonia. 2020 , 56, 062-066	
702	Use of radiographic features in COVID-19 diagnosis: Challenges and perspectives. 2020 , 83, 644-647	12
701	Radiographic and chest CT imaging presentation and follow-up of COVID-19 pneumonia: a multicenter experience from an endemic area. 2020 , 27, 623-632	14
700	Thrombocytopenia in pregnant patients with mild COVID-19. 2020 , 44, 13-15	4

699	Chest CT score in COVID-19 patients: correlation with disease severity and short-term prognosis. <i>European Radiology</i> , 2020 , 30, 6808-6817	8	253
698	Lung base CT findings in COVID-19 adult patients presenting with acute abdominal complaints: case series from a major New York City health system. <i>European Radiology</i> , 2020 , 30, 6685-6693	8	6
697	Spectrum of chest computed tomographic (CT) findings in coronavirus disease-19 (COVID-19) patients in India. 2020 , 129, 109147		19
696	Circumnavigating the challenges of COVID-19 in oncology. 2020 , 13, 1-4		1
695	Arterial and venous abdominal thrombosis in a 79-year-old woman with COVID-19 pneumonia. 2020 , 15, 1054-1057		56
694	Radiological findings for diagnosis of SARS-CoV-2 pneumonia (COVID-19). 2020 , 155, 36-40		10
693	Consideration of dornase alfa for the treatment of severe COVID-19 acute respiratory distress syndrome. 2020 , 35, 100689		34
692	SARS-CoV-2 pandemic on the activity and professionals of a General Surgery and Digestive Surgery Service in a tertiary hospital. 2020 , 98, 320-327		22
691	Dual-Functional Plasmonic Photothermal Biosensors for Highly Accurate Severe Acute Respiratory Syndrome Coronavirus 2 Detection. 2020 , 14, 5268-5277		544
690	Radiological approaches to COVID-19 pneumonia. 2020 , 50, 604-610		21
689	Commentary: The double responsibility of the thoracic surgeon at the time of the pandemic: A perspective from the North of Italy. 2020 , 160, 595-596		2
688	COVID-19 or Pulmonary Contusion? A Diagnostic Dilemma. 2020 , 27, 894-895		5
687	Pulmonary thromboembolism in critical ill COVID-19 patients. 2020 , 95, 361-362		14
686	COVID-19 patients and the radiology department - advice from the European Society of Radiology (ESR) and the European Society of Thoracic Imaging (ESTI). <i>European Radiology</i> , 2020 , 30, 4903-4909	8	196
685	Characteristic CT findings distinguishing 2019 novel coronavirus disease (COVID-19) from influenza pneumonia. <i>European Radiology</i> , 2020 , 30, 4910-4917	8	69
684	Chest CT findings of early and progressive phase COVID-19 infection from a US patient. 2020 , 15, 819-824		15
683	COVID-19 and radiation induced pneumonitis: Overlapping clinical features of different diseases. 2020 , 148, 201-202		10
682	Insights from immuno-oncology: the Society for Immunotherapy of Cancer Statement on access to IL-6-targeting therapies for COVID-19. 2020 , 8,		42

681	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
680	The Role of Imaging in the Detection and Management of COVID-19: A Review. 2021 , 14, 16-29		155
679	Antirheumatic agents in covid-19: is IL-6 the right target?. 2021 , 80, e2		11
678	Systematic review with meta-analysis of the accuracy of diagnostic tests for COVID-19. 2021 , 49, 21-29		168
677	Deep neural network to detect COVID-19: one architecture for both CT Scans and Chest X-rays. 2020 , 51, 1-13		51
676	A Clinic Blueprint for Post-Coronavirus Disease 2019 RECOVERY: Learning From the Past, Looking to the Future. 2021 , 159, 949-958		21
675	The ensemble deep learning model for novel COVID-19 on CT images. 2021 , 98, 106885		69
674	Multiple Reversed Halo Sign on Chest CT in COVID-19 Pneumonia. 2021 , 57, 69		0
673	Brave New Lungs: Aging in the Shadow of COVID-19. 2021 , 76, e230-e234		3
672	Why does COVID-19 kill more elderly men than women? Is there a role for testosterone?. 2021 , 9, 65-72		29
671	COVID-19 pneumonia: high diagnostic accuracy of chest CT in patients with intermediate clinical probability. <i>European Radiology</i> , 2021 , 31, 1969-1977	8	9
670	Fibrotic progression and radiologic correlation in matched lung samples from COVID-19 post-mortems. 2021 , 478, 471-485		45
669	[Blue Lungs in Covid-19 Patients: A Step beyond the Diagnosis of Pulmonary Thromboembolism using MDCT with Iodine Mapping]. 2021 , 57, 35-46		1
668	Atypical chest CT findings of COVID-19 pneumonia: a pictorial review. 2021 , 27, 344-349		5
667	Did the COVID-19 Pandemic Cause a Delay in the Diagnosis of Acute Appendicitis?. 2021 , 45, 18-22		15
666	Transcatheter aortic valve replacement during the COVID-19 pandemic-A Dutch single-center analysis. 2021 , 36, 48-55		5
665	Risk factors for severe and critically ill COVID-19 patients: A review. 2021 , 76, 428-455		265
664	Radiologic diagnosis of patients with COVID-19. 2021 , 63, 56-73		16

663	Imaging of COVID-19: CT, MRI, and PET. 2021 , 51, 312-320	22
662	Automatic COVID-19 CT segmentation using U-Net integrated spatial and channel attention mechanism. 2020 , 31, 16	38
661	COVID-19: could CT provide the best population level biomarker? Incidental COVID-19 in major trauma patients suggests higher than predicted rates of infection in London. 2021 , 76, 74.e15-74.e21	3
660	Early extrapulmonary prognostic features in chest computed tomography in COVID-19 pneumonia: Bone mineral density is a relevant predictor for the clinical outcome - A multicenter feasibility study. 2021 , 144, 115790	10
659	Detecting COVID-19 patients based on fuzzy inference engine and Deep Neural Network. 2021 , 99, 106906	24
658	Repurposing of histone deacetylase inhibitors: A promising strategy to combat pulmonary fibrosis promoted by TGF- β signalling in COVID-19 survivors. 2021 , 266, 118883	12
657	A CT-based radiomics nomogram for predicting prognosis of coronavirus disease 2019 (COVID-19) radiomics nomogram predicting COVID-19. 2021 , 94, 20200634	7
656	Nitric oxide as a therapeutic option for COVID-19 treatment: a concise perspective. 2021 , 45, 1774-1784	11
655	MBD2 serves as a viable target against pulmonary fibrosis by inhibiting macrophage M2 program. 2021 , 7,	33
654	Coronavirus Disease (COVID-19): Comprehensive Review of Clinical Presentation. 2020 , 8, 582932	45
653	Structured reporting of chest CT provides high sensitivity and specificity for early diagnosis of COVID-19 in a clinical routine setting. 2021 , 94, 20200574	8
652	Radiology indispensable for tracking COVID-19. 2021 , 102, 69-75	10
651	Decrease in hemoglobin level predicts increased risk for severe respiratory failure in COVID-19 patients with pneumonia. 2021 , 59, 187-193	15
650	SuFMoFPA: A superpixel and meta-heuristic based fuzzy image segmentation approach to explicate COVID-19 radiological images.. 2021 , 167, 114142	17
649	Is Lung Ultrasound Imaging a Worthwhile Procedure for Severe Acute Respiratory Syndrome Coronavirus 2 Pneumonia Detection?. 2021 , 40, 1113-1123	14
648	Third-generation iterative reconstruction on a dual-source, high-pitch, low-dose chest CT protocol with tin filter for spectral shaping at 100 kV: a study on a small series of COVID-19 patients. 2021 , 126, 388-398	13
647	Coronavirus Disease 2019 (COVID-19) in Molecular Imaging: A Systematic Review of Incidental Detection of SARS-CoV-2 Pneumonia on PET Studies. 2021 , 51, 178-191	13
646	Deep transfer learning-based automated detection of COVID-19 from lung CT scan slices. 2020 , 51, 1-15	90

645	Chest CT for rapid triage of patients in multiple emergency departments during COVID-19 epidemic: experience report from a large French university hospital. <i>European Radiology</i> , 2021 , 31, 795-803	8	14
644	The novel coronavirus pneumonia (COVID-19): a pictorial review of chest CT features. 2021 , 27, 188-194		6
643	Acute adrenal infarction as an incidental CT finding and a potential prognosis factor in severe SARS-CoV-2 infection: a retrospective cohort analysis on 219 patients. <i>European Radiology</i> , 2021 , 31, 895-900	8	23
642	Role of computed tomography in COVID-19. 2021 , 15, 27-36		36
641	T-cell responses and therapies against SARS-CoV-2 infection. 2021 , 162, 30-43		60
640	Determination of disease severity in COVID-19 patients using deep learning in chest X-ray images. 2021 , 27, 20-27		24
639	Observer agreement and clinical significance of chest CT reporting in patients suspected of COVID-19. <i>European Radiology</i> , 2021 , 31, 1081-1089	8	9
638	Lung Ultrasound for COVID-19 Patchy Pneumonia: Extended or Limited Evaluations?. 2021 , 40, 521-528		22
637	Role of portable chest radiography in management of COVID-19: Experience of 422 patients from a tertiary care center in India. 2021 , 31, S94-S100		3
636	Immune response and possible therapeutics in COVID-19.. 2020 , 11, 960-977		2
635	Krebs Von den Lungen-6 as a predictive indicator for the risk of secondary pulmonary fibrosis and its reversibility in COVID-19 patients. 2021 , 17, 1565-1573		5
634	Comparing Visual Scoring of Lung Injury with a Quantifying AI-Based Scoring in Patients with COVID-19. 2021 , 105, 16		
633	Intelligent Decision Support System for COVID-19 Empowered with Deep Learning. 2021 , 66, 1719-1732		4
632	Imaging trend and disease course in admitted COVID-19 patients. 2021 , 42, 30-37		
631	Chest Imaging of Patients with Sarcoidosis and SARS-CoV-2 Infection. Current Evidence and Clinical Perspectives. 2021 , 11,		5
630	Diagnosing Coronavirus (COVID-19) Using Various Deep Learning Models: A Comparative Study. 2021 , 1188-1197		
629	Differential diagnoses of acute ground-glass opacity in chest computed tomography: pictorial essay. 2021 , 19, eRW5772		1
628	Computed tomography of the chest in patients with COVID-19: what do radiologists want to know?. 2021 , 86, e122-e135		4

627	High Resolution Computed Tomography Features of Third Wave of COVID-19 Pneumonia in Confirmed Cases. 2021 , 10, 11-17	
626	Explainable COVID-19 Detection Using Chest CT Scans and Deep Learning. 2021 , 21,	59
625	Risk factors associated with mortality in intensive care COVID-19 patients: the importance of chest CT score and intubation timing as risk factors. 2021 , 51, 1665-1674	6
624	Deep Convolutional Neural NetworkBased Computer-Aided Detection System for COVID-19 Using Multiple Lung Scans: Design and Implementation Study (Preprint).	
623	Cohesive Multi-modality Feature Learning and Fusion for COVID-19 Patient Severity Prediction. 2021 , 1-1	0
622	COVID-19 Rapid Antigen Test at hospital admission associated to the knowledge of individual risk factors allow overcoming the difficulty of managing suspected patients in hospitals COVID-19 Rapid Antigen Test facilitates the management of suspected patients on hospital admission.	4
621	COVID-19: Characteristics and Therapeutics. 2021 , 10,	63
620	Chest computed tomography signs associated with pejorative evolution in COVID-19 patients. 2021 , 86, e115-e121	1
619	ADID-UNET-a segmentation model for COVID-19 infection from lung CT scans. 2021 , 7, e349	10
618	Efficacy of the delta neutrophil index in predicting 30-day mortality in COVID-19 patients requiring intensive care. 2021 , 75, e13970	7
617	Spectrum of chest CT manifestations of coronavirus disease (COVID-19): A pictorial essay. 2021 , 31, S170-S177 2	
616	Pattern recognition of high-resolution computer tomography (HRCT) chest to guide clinical management in patients with mild to moderate COVID-19. 2021 , 31, S110-S118	0
615	COVID-19 ARDS: A Multispecialty Assessment of Challenges in Care, Review of Research, and Recommendations. 2021 , 37, 179-195	3
614	Proteome Profiling of Recombinant DNase Therapy in Reducing NETs and Aiding Recovery in COVID-19 Patients. 2021 , 20, 100113	15
613	Radiologic diagnosis of patients with COVID-19. 2021 , 63, 56-73	14
612	THE RADIOLOGICAL FINDINGS OF COVID-19. 2021 ,	1
611	Chest CT features associated with the clinical characteristics of patients with COVID-19 pneumonia. 2021 , 53, 169-180	8
610	A practical approach to imaging characteristics and standardized reporting of COVID-19: a radiologic review. 2021 , 8, 7	1

609	IoT Technologies for Tackling COVID-19 in Malaysia and Worldwide: Challenges, Recommendations, and Proposed Framework. 2021 , 66, 2141-2164	1
608	COVID-19 pneumonia: a pictorial review of CT findings and differential diagnosis. 2021 , 52,	4
607	Identification, Monitoring, and Prediction of Disease Severity in Patients with COVID-19 Pneumonia Based on Chest Computed Tomography Scans: A Retrospective Study. 2021 , 1321, 265-275	4
606	Integrating deep learning CT-scan model, biological and clinical variables to predict severity of COVID-19 patients. 2021 , 12, 634	51
605	[Lesions on CT scan in patients hospitalized for coronavirus pneumonia during the first wave of the SARS-CoV-2 pandemic at the University Clinics in Kinshasa (DRC)]. 2021 , 39, 230	1
604	The Role of Medical Imaging in COVID-19. 2021 , 1318, 413-434	0
603	The Interaction between Neo-Crown Pneumonia and Low Ventilation Syndrome of Obstructive Sleep Apnea Was Analyzed. 2021 , 11, 3924-3929	
602	Frequent clinical and radiological manifestations of the Novel SARS-CoV-2: A review article. 2021 , 10, 122-126	1
601	Inter-reader agreement of high-resolution computed tomography findings in patients with COVID-19 pneumonia: A multi-reader study. 2021 , 126, 577-584	9
600	Relationship between CT Severity Score and Capillary Blood Oxygen Saturation in Patients with COVID-19 Infection. 2021 , 25, 279-283	5
599	Our renal transplant protocols during COVID-19 times [A prospective study from high-volume tertiary center of North India. 2021 , 15, 205	
598	Sensitivity and specificity of chest computed tomography scan based on RT-PCR in COVID-19 diagnosis. 2021 , 86, e74-e77	6
597	Deep Learning Analysis in Prediction of COVID-19 Infection Status Using Chest CT Scan Features. 2021 , 1327, 139-147	2
596	COVID19 pneumonia with cavitation and cystic lung changes: multi-detector computed tomography spectrum of a gamut of etiologies. 2021 , 3, 20210007	3
595	Temporal changes of haematological and radiological findings of the COVID-19 infection-a review of literature. 2021 , 21, 37	5
594	The use of laboratory parameters and computed tomography score to determine intensive care unit requirement in COVID-19. 2021 , 46, 157-166	3
593	Quantitative Evaluation of COVID-19 Pneumonia Lung Extension by Specific Software and Correlation with Patient Clinical Outcome. 2021 , 11,	0
592	[COVID-19 and pleural effusions]. 2021 , 38, 219-221	

591	Clinical Application of Chest Computed Tomography (CT) in Detection and Characterization of Coronavirus (Covid-19) Pneumonia in Adults. 2021 , 34, 273-283	2
590	Diagnosis of COVID-19 using CT scan images and deep learning techniques. 2021 , 28, 497-505	71
589	Nanomedicine for COVID-19: the role of nanotechnology in the treatment and diagnosis of COVID-19. 2021 , 4, 1-25	35
588	Prevalence of interstitial pneumonia suggestive of COVID-19 at F-FDG PET/CT in oncological asymptomatic patients in a high prevalence country during pandemic period: a national multi-centric retrospective study. 2021 , 48, 2871-2882	7
587	Shallow Convolutional Neural Network for COVID-19 Outbreak Screening Using Chest X-rays. 2021 , 1-14	37
586	A review on current diagnostic techniques for COVID-19. 2021 , 21, 141-160	11
585	COVID-19 lung CT image segmentation using deep learning methods: U-Net versus SegNet. 2021 , 21, 19	43
584	COVID-19 lungs in post-mortem computed tomography. 2021 , 31, 1-3	8
583	Are there significant correlations between climate factors and the spread of COVID-19 for less densely populated and less polluted regions?.	
582	The association between clinical laboratory data and chest CT findings explains disease severity in a large Italian cohort of COVID-19 patients. 2021 , 21, 157	5
581	Clinical characteristics and CT imaging features of COVID-19 on admission: A retrospective study. 2021 ,	
580	A 53-Year-Old Man Presents to the ED With Shortness of Breath, Cough, and Fever. 2021 , 159, e107-e113	1
579	Classification of COVID-19 pneumonia from chest CT images based on reconstructed super-resolution images and VGG neural network. 2021 , 9, 10	11
578	The role of computed tomography scan in the diagnosis of COVID-19 pneumonia. 2021 , 27, 163-168	5
577	Downregulation of Membrane-bound Angiotensin Converting Enzyme 2 (ACE2) Receptor has a Pivotal Role in COVID-19 Immunopathology. 2021 , 22, 254-281	17
576	Clinical Characteristics and CT Findings in 148 Non-COVID-19 Influenza-Like Illness Cases: A Retrospective Control Study. 2021 , 9, 616963	
575	Digital PCR for high sensitivity viral detection in false-negative SARS-CoV-2 patients. 2021 , 11, 4310	10
574	Diagnosis of COVID-19 in Patients with Negative Nasopharyngeal Swabs: Reliability of Radiological and Clinical Diagnosis and Accuracy Versus Serology. 2021 , 11,	3

573	Frequency and characterization of ancillary chest CT findings in COVID-19 pneumonia. 2021 , 94, 20200716	3
572	Circulating microparticles and activated platelets as novel prognostic biomarkers in COVID-19; relation to cancer. 2021 , 16, e0246806	10
571	Overview of COVID-19 patients treated in University Hospital Split, Croatia - specifics related to patients age. 2021 , 7,	
570	Not COVID-19, Don't Overlook Pneumocystis in Patients on Gefitinib!. 2021 , 28, 961-964	3
569	Chest computed tomography in COVID-19 pneumonia: a retrospective study of 155 patients at a university hospital in Rio de Janeiro, Brazil. 2021 , 54, 1-8	6
568	A systematic review of COVID-19 and obstructive sleep apnoea. 2021 , 55, 101382	46
567	Radiological and clinical spectrum of COVID-19: A major concern for public health. 2021 , 13, 53-63	6
566	Combining initial chest CT with clinical variables in differentiating coronavirus disease 2019 (COVID-19) pneumonia from influenza pneumonia. 2021 , 11, 6422	1
565	The value of repeated CT in monitoring the disease progression in moderate COVID-19 pneumonia: A single-center, retrospective study. 2021 , 100, e25005	1
564	The evolution of chest CT findings from admission to follow-up in 30 moderate to severe adult patients with COVID-19 pneumonia. 2021 , 4, 1-7	1
563	Accuracy of Chest CT for Differentiating COVID-19 from COVID-19 Mimics. 2021 , 193, 1081-1091	1
562	Covid-19 Diagnosis Based on CT Images Using Pre-Trained Models. 2021 ,	2
561	[The advanced practice nurse in post-COVID-19 respiratory follow up]. 2021 , 66, 32-34	
560	Radiographic findings of SARS-CoV-2 infection. 2021 , 2, e12399	2
559	The spider web sign in Covid-19 pneumonia: An interesting case studied to resolution with computed tomography. 2021 , 16, 673-677	
558	Temporal changes of quantitative CT findings from 102 patients with COVID-19 in Wuhan, China: A longitudinal study. 2021 , 29, 297-309	2
557	Ferritin is associated with the severity of lung involvement but not with worse prognosis in patients with COVID-19: data from two Italian COVID-19 units. 2021 , 11, 4863	23
556	COVID-19 Pandemic: Review of Contemporary and Forthcoming Detection Tools. 2021 , 14, 1049-1082	21

555	Characteristics of COVID-19 patients with preexisting CKD history. 2021 , 53, 2567-2575	3
554	Road toward universal COVID-19 testing method - A review. 2021 , 42, 335-346	0
553	Artificial Intelligence in Predicting Clinical Outcome in COVID-19 Patients from Clinical, Biochemical and a Qualitative Chest X-Ray Scoring System. Volume 14, 27-39	2
552	Screening of COVID-19 based on the extracted radiomics features from chest CT images. 2021 , 29, 229-243	7
551	A novel corpus-based computing method for handling critical word-ranking issues: An example of COVID-19 research articles. 2021 , 36, 3190-3216	4
550	The management of surgical patients in the emergency setting during COVID-19 pandemic: the WSES position paper. 2021 , 16, 14	10
549	Association between clinical, laboratory findings and chest CT in COVID-19 in a secondary hospital in Jakarta, Indonesia. 2021 , 11, 32-38	1
548	Transfer learning-based ensemble support vector machine model for automated COVID-19 detection using lung computerized tomography scan data. 2021 , 59, 825-839	18
547	Diaphragm and Phrenic Nerve Ultrasound in COVID-19 Patients and Beyond: Imaging Technique, Findings, and Clinical Applications. 2021 ,	2
546	Ventilated Patients With COVID-19 Show Airflow Obstruction. 2021 , 36, 696-703	3
545	Lung ultrasound presentation of COVID-19 patients: phenotypes and correlations. 2021 , 16, 1317-1327	6
544	Evaluation of the relation between cardiac biomarkers and thorax computed tomography findings in COVID-19 patients. 2021 , 15, 285-293	0
543	Spectrum of atypical pulmonary manifestations of COVID-19 on computed tomography. 2021 , 52,	9
542	Nervous System Involvement in COVID-19: a Review of the Current Knowledge. 2021 , 58, 3561-3574	7
541	A pulmonary hamartoma in Covid-19 pneumonia: an interesting case studied with computed tomography. 2021 , 16, 942-944	
540	XPGAN: X-Ray Projected Generative Adversarial Network For Improving Covid-19 Image Classification. 2021 ,	1
539	Recent advances in nanomaterials based biosensors for point of care (PoC) diagnosis of Covid-19 - A minireview. 2021 , 137, 116205	32
538	The ID NOW COVID-19, a high-speed high-performance assay. 2021 , 40, 2041-2045	6

537	Computed tomography findings of COVID-19 pneumonia in Intensive Care Unit-patients. 2021 , 10,		13
536	Stratifying pulmonary embolism risk in COVID-19 pneumonia in the Emergency Department: the Bergamo Emergency Room pulmonary embolism risk in COVID-19 score - a pilot study. 2021 , 28, 158-161		
535	Comparison of Clinical Features and CT Temporal Changes Between Familial Clusters and Non-familial Patients With COVID-19 Pneumonia. 2021 , 8, 630802		1
534	Deep Convolutional Neural Network-Based Computer-Aided Detection System for COVID-19 Using Multiple Lung Scans: Design and Implementation Study. 2021 , 23, e27468		16
533	CT Imaging Features of Patients Infected with 2019 Novel Coronavirus. 2021 , 2, 5-11		0
532	Antibiotic use in patients with Coronavirus disease 2019 (COVID-19): outcomes and associated factors. 2021 , 1-9		1
531	Incidence and Risk Factors for Secondary Pulmonary Infections in Patients Hospitalized With Coronavirus Disease 2019 Pneumonia. 2021 ,		3
530	Case Report: Stepwise Anti-Inflammatory and Anti-SARS-CoV-2 Effects Following Convalescent Plasma Therapy With Full Clinical Recovery. 2021 , 12, 613502		3
529	Dual inhibition of CB receptors and iNOS, as a potential novel approach to the pharmacological management of acute and long COVID-19. 2021 ,		8
528	SARS-CoV-2 Encephalitis Presenting as a Clinical Cerebellar Syndrome: A Case Report. 2021 , 97, 27-29		6
527	Efficacy of chest CT scan for COVID-19 diagnosis in a low prevalence and incidence region. <i>European Radiology</i> , 2021 , 31, 8141-8146	8	1
526	COVID-Nets: Deep CNN Architectures for Detecting COVID-19 Using Chest CT Scans.		1
525	One of the many faces of COVID-19 infection: an irregularly shaped pulmonary nodule. 2021 , 12, 48		0
524	Simultaneous development of COVID-19 pneumonia and pulmonary metastasis in a known case of chondrosarcoma: a case report. 2021 , 15, 218		0
523	COVID-19 clinico-radiological mismatch: a proposal for a novel combined morphologic/volumetric CT severity score with blinded validation. 2021 , 52,		
522	Chest CT in COVID-19 pneumonia: correlations of imaging findings in clinically suspected but repeatedly RT-PCR test-negative patients. 2021 , 52,		4
521	ERS International Congress 2020: highlights from the Clinical Techniques, Imaging and Endoscopy assembly. 2021 , 7,		1
520	Ground-glass opacity (GGO): a review of the differential diagnosis in the era of COVID-19. 2021 , 39, 721-732		8

519	The thorax tomography correlation in COVID-19 RT-PCR positive patients. 2021 , 3, 145-150	2
518	Hallazgos en la tomografía computarizada de tórax en las fases evolutivas de la infección por SARS-CoV-2. 2021 , 63, 218-227	0
517	Robust prediction of mortality of COVID-19 patients based on quantitative, operator-independent, lung CT densitometry. 2021 , 85, 63-71	2
516	Multi-omics data integration and network-based analysis drives a multiplex drug repurposing approach to a shortlist of candidate drugs against COVID-19. 2021 , 22,	5
515	Predicting lung fibrosis in post-COVID-19 patients after discharge with follow-up chest CT findings. 2021 , 52,	6
514	Risk factors for persistent abnormality on chest radiographs at 12-weeks post hospitalisation with PCR confirmed COVID-19. 2021 , 22, 157	9
513	Prediction of Mortality, Hospitalization and Mechanical Ventilation Need of Patients with Pneumonia in COVID-19 Outbreak.	
512	COVID-19 pneumonia: current evidence of chest imaging features, evolution and prognosis. 2021 , 1-12	2
511	COVID-19 pandemic: CT chest in COVID-19 infection and prediction of patient's ICU needs. 2021 , 52,	0
510	COVID-19 and pulmonary fibrosis: therapeutics in clinical trials, repurposing, and potential development. 2021 , 44, 499-513	4
509	MANAGEMENT OF PATIENTS WITH HEART FAILURE AND COVID-19. 2021 , 38-48	
508	Chest computed tomography findings in different phases of SARS-CoV-2 infection. 2021 , 63, 218-227	1
507	Asthma and allergic diseases are not risk factors for hospitalization in children with coronavirus disease 2019. 2021 , 126, 569-575	14
506	Computed Tomography of the Chest in COVID-19: A Pictorial Review of Indian Patients.	
505	A comprehensive review of imaging findings in COVID-19 -status in early 2021. 2021 , 48, 2500-2524	14
504	COVID-19 and pulmonary fibrosis: A potential role for lung epithelial cells and fibroblasts. 2021 , 302, 228-240	33
503	An Illustrated Guide to the Imaging Evolution of COVID in Non-Epidemic Areas of Southeast China. 2021 , 8, 648180	
502	Mesenchymal Stromal Cell Secretome for Post-COVID-19 Pulmonary Fibrosis: A New Therapy to Treat the Long-Term Lung Sequelae?. 2021 , 10,	5

501	Negative SARS-COV-2 pleural effusion in breast carcinoma coincide with COVID-19 infection: Case report. 2021 , 65, 102283	
500	Positron emission tomography in the COVID-19 pandemic era. 2021 , 48, 3903-3917	2
499	Pulmonary cavitation in patients with COVID-19. 2021 ,	1
498	Are we ready to deal with a global COVID-19 pandemic? Rethinking countries' capacity based on the Global Health Security Index. 2021 , 106, 289-294	2
497	Predisposing factors associated with the severity of the illness in adults with Covid-19 in Nepal..	
496	The impact of COVID-19 on familial Mediterranean fever: a nationwide study. 2021 , 41, 1447-1455	2
495	Chest computed tomography as a primary tool in COVID-19 detection: an update meta-analysis. 2021 , 9, 1-11	3
494	Sequelae, persistent symptomatology and outcomes after COVID-19 hospitalization: the ANCOHVID multicentre 6-month follow-up study. 2021 , 19, 129	30
493	The Role of Macrophages in the Pathogenesis of SARS-CoV-2-Associated Acute Respiratory Distress Syndrome. 2021 , 12, 682871	13
492	Machine learning for medical imaging-based COVID-19 detection and diagnosis. 2021 , 36, 5085-5115	2
491	Dental Students' Discomfort and Anxiety During the First and the Second Lockdown Due to COVID-19 Pandemic at the School of Dental Medicine, University of Zagreb. 2021 , 55, 186-197	4
490	Immunopathogenesis of severe acute respiratory syndrome coronavirus-2: evolving knowledge and its current status.	1
489	Evaluation of initial chest computed tomography (CT) findings of COVID-19 pneumonia in 117 deceased patients: a retrospective study. 2021 , 51, 929-938	1
488	The role of lung ultrasound in COVID-19 disease. 2021 , 12, 81	3
487	The future of CT: deep learning reconstruction. 2021 , 76, 407-415	6
486	Classification Performance for COVID Patient Prognosis from Automatic AI Segmentation: A Single-Center Study. 2021 , 11, 5438	2
485	Chest MRI of patients with COVID-19. 2021 , 79, 13-19	4
484	Comparing CT scan and chest X-ray imaging for COVID-19 diagnosis. 2021 , 1, 100003	9

483	Lung Ultrasound in COVID-19: Clinical Correlates and Comparison with Chest Computed Tomography. 2021 , 3, 1-7	0
482	Role of Chest CT in COVID-19. 2021 , 11, 30	2
481	Could chest CT findings taken on admission in symptomatic patients with COVID-19 be related to the prognosis and clinical outcome of the disease?. 2021 ,	1
480	Automatic detection of COVID-19 from chest CT scan and chest X-Rays images using deep learning, transfer learning and stacking. 2021 , 1-17	10
479	Exogenous lipid pneumonia due to chronic occult aspiration in a patient with oesophageal colonic interposition. 2021 , 14,	
478	The Impetus of COVID -19 in Multiple Organ Affliction Apart from Respiratory Infection: Pathogenesis, Diagnostic Measures and Current Treatment Strategy. 2021 , 21, 514-526	5
477	The voice of COVID-19: Acoustic correlates of infection in sustained vowels. 2021 , 149, 4377	14
476	Three-Dimensional Cell Cultures as a Research Platform in Lung Diseases and COVID-19. 2021 , 18, 735-745	1
475	Widespread Parenchymal Abnormalities and Pulmonary Embolism on Contrast-Enhanced CT Predict Disease Severity and Mortality in Hospitalized COVID-19 Patients. 2021 , 8, 666723	2
474	Software system to predict the infection in COVID-19 patients using deep learning and web of things. 2021 ,	1
473	Differential alterations in peripheral lymphocyte subsets in COVID-19 patients: upregulation of double-positive and double-negative T cells. 2021 , 16, 758	2
472	Rate of Decompensation of Normoxic Emergency Department Patients with SARS-CoV-2. 2021 , 22, 580-586	0
471	Tocilizumab effects in COVID-19 pneumonia: role of CT texture analysis in quantitative assessment of response to therapy. 2021 , 126, 1170-1180	8
470	Associations between CT pulmonary opacity score on admission and clinical characteristics and outcomes in patients with COVID-19. 2021 , 1	3
469	Radiography-based triage for COVID-19 in the Emergency Department in a Spanish cohort of patients. 2021 ,	2
468	Role of Chest Imaging in Viral Lung Diseases. 2021 , 18,	2
467	AI for COVID-19 Detection from Radiographs: Incisive Analysis of State of the Art Techniques, Key Challenges and Future Directions. 2021 ,	3
466	COVID-Nets: deep CNN architectures for detecting COVID-19 using chest CT scans. 2021 , 7, e655	12

465	Potential of Human Wharton's Jelly Mesenchymal Stem Cells (hWJMSCs) Secretome for COVID-19 Adjuvant Therapy Candidate. 2021 ,	0
464	Identifying COVID-19 by using spectral analysis of cough recordings: a distinctive classification study. 2021 , 1-15	7
463	Metal Organic Frameworks as Biosensing Materials for COVID-19. 2021 , 1-19	7
462	Incidence, diagnosis and outcomes of COVID-19-associated pulmonary aspergillosis (CAPA): a systematic review. 2021 , 113, 115-129	36
461	Hepatic steatosis: a risk factor for increased COVID-19 prevalence and severity-a computed tomography study. 2021 , 11, 61	1
460	Airway and Alveoli Organoids as Valuable Research Tools in COVID-19. 2021 , 7, 3487-3502	0
459	The Applications of Artificial Intelligence in Chest Imaging of COVID-19 Patients: A Literature Review. 2021 , 11,	3
458	COVID-19 in Egypt after a year: the first and second pandemic waves from the radiological point of view; multi-center comparative study on 2000 patients. 2021 , 52,	1
457	Recent developments and opportunities in fighting COVID-19. 2021 , 2,	
456	Human Coronaviruses: Counteracting the Damage by Storm. 2021 , 13,	3
455	Analysis of Ear, Nose and Throat Manifestations in COVID-19 Patients. 2021 , 25, e343-e348	3
454	COVID-19 Automatic Diagnosis With Radiographic Imaging: Explainable Attention Transfer Deep Neural Networks. 2021 , 25, 2376-2387	12
453	Arterial and venous thrombosis in coronavirus 2019 disease (Covid-19): relationship with mortality. 2021 , 16, 1231-1237	6
452	Computed tomographic features of coronavirus disease-2019 (COVID-19) pneumonia in three groups of Iranian patients: A single center study. 2021 , 63, 314-323	3
451	Early CT features of COVID-19 pneumonia, association with patients' age and duration of presenting complaint. 2021 , 52,	
450	Fulminant Myocarditis With ST Elevation and Cardiogenic Shock in a SARS-CoV-2 Patient. 2021 , 13, e16149	1
449	A new approach for computer-aided detection of coronavirus (COVID-19) from CT and X-ray images using machine learning methods. 2021 , 105, 107323	32
448	Clinical characteristics and risk factors for mortality in COVID-19 inpatients in Birjand, Iran: a single-center retrospective study. 2021 , 26, 79	2

447	Efficacy of chest X-ray in the diagnosis of COVID-19 pneumonia: comparison with computed tomography through a simplified scoring system designed for triage. 2021 , 52,	1
446	Comparison of two different lung ultrasound imaging protocols in COVID-19 pneumonia. 2021 ,	1
445	Evaluation of COVID-19 chest computed tomography: A texture analysis based on three-dimensional entropy. 2021 , 68, 102582	4
444	Effect of CT-Scan Image Resizing, Enhancement and Normalization on Accuracy of Covid-19 Detection. 2021 ,	0
443	Analysis of SARS-CoV-2 PCR and Chest CT Findings at a Single Facility in Tokyo (Machida Municipal Hospital). 2021 , 2021, 6680232	
442	COVID-19 in pregnancy: a systematic review of chest CT findings and associated clinical features in 427 patients. 2021 , 75, 75-82	6
441	Tomographic score (RAD-Covid Score) to assess the clinical severity of the novel coronavirus infection. 2021 , 25, 101599	1
440	Lung Ultrasound in the Diagnosis of COVID-19 Pneumonia: Not Always and Not Only What Is COVID-19 "Glitters". 2021 , 8, 707602	1
439	The Crazy-Paving Pattern in Chest CT Imaging of COVID-19 Patients: An Alarming Sign for Hospitalization. 2021 , 18,	0
438	The incidence of pleural effusion in COVID-19 pneumonia: State-of-the-art review. 2021 , 50, 481-490	13
437	COVID-19 Pneumonia: The Great Ultrasonography Mimicker. 2021 , 8, 709402	2
436	SARS-CoV-2 diagnosis using medical imaging techniques and artificial intelligence: A review. 2021 , 76, 6-14	13
435	Vaccinia virus-based vaccines confer protective immunity against SARS-CoV-2 virus in Syrian hamsters.	
434	High-quality chest CT segmentation to assess the impact of COVID-19 disease. 2021 , 16, 1737-1747	0
433	Correlation of olfactory dysfunction with lung involvement and severity of COVID-19. 2021 , 1	2
432	The over diagnosed COVID-19 infection in an adult patient with foreign body aspiration. 2021 , 68, 102653	1
431	Medical imaging and computational image analysis in COVID-19 diagnosis: A review. 2021 , 135, 104605	5
430	Sarcopenia measured with paraspinous muscle using computed tomography for predicting prognosis in elderly pneumonia patients. 102490792110418	

429	Applications of laboratory findings in the prevention, diagnosis, treatment, and monitoring of COVID-19. 2021 , 6, 316	4
428	Use of post-mortem chest computed tomography in Covid-19 pneumonia. 2021 , 325, 110851	10
427	Massive emphysema subcutis, pneumothorax, pneumomediastinum and pneumoperitoneum as uncommon complication of covid-19 pneumonia, a rare case. 2021 , 16, 2133-2138	3
426	Clinical Characteristics and Outcomes of Hypertensive Patients Infected with COVID-19: A Retrospective Study. 2021 , 14, 4619-4628	0
425	COVID-19 pneumonia with ARDS and secondary haemophagocytic lymphohistiocytosis: a case report.	
424	Yeni Tip Coronavirüs Hastalığı (COVID-19) Toraks Bilgisayarlı Tomografi Bulgularına Genel Bakış	1
423	Mapping Trends and Hotspots Regarding Clinical Research on COVID-19: A Bibliometric Analysis of Global Research. 2021 , 9, 713487	2
422	Prevalence and clinical consequences of atelectasis in SARS-CoV-2 pneumonia: a computed tomography retrospective cohort study. 2021 , 21, 267	1
421	Prognostic Significance of Chest Imaging by LUS and CT in COVID-19 Inpatients: The ECOVID Multicenter Study. 2021 , 1-10	3
420	Semiquantitative ChestCT Severity Score Predicts Failure of Noninvasive Positive-Pressure Ventilation in Patients Hospitalized for COVID-19 Pneumonia. 2021 ,	1
419	Chest Radiography Findings of COVID-19 Patients: Differences between the Intubated and Non-intubated Groups. 2021 , 36, e294	
418	Food consumption changes among teachers during the COVID-19 pandemic. 2021 , 26, 100366	
417	Relationship between chest CT scan findings with SOFA score, CRP, comorbidity, and mortality in ICU patients with COVID-19. 2021 , e14869	3
416	COVID-19 early detection for imbalanced or low number of data using a regularized cost-sensitive CapsNet. 2021 , 11, 18478	1
415	Chest computed tomography and COVID-19: imaging features, sensitivity, specificity and prognostic role in patients with COVID-19. 2021 , 8,	
414	CoLe-CNN+: Context learning - Convolutional neural network for COVID-19-Ground-Glass-Opacities detection and segmentation. 2021 , 136, 104689	3
413	Predictive value of CT imaging findings in COVID-19 pneumonia at the time of first-screen regarding the need for hospitalization or intensive care unit. 2021 , 27, 599-606	2
412	"In the eye of the storm - radiographers experience of working with SARS Covid 19 patients. 2021 ,	0

411	A Self-Activated CNN Approach for Multi-Class Chest-Related COVID-19 Detection. 2021 , 11, 9023	17
410	Multi-objective Genetic Algorithm Based Deep Learning Model for Automated COVID-19 Detection Using Medical Image Data. 2021 , 41, 1-12	0
409	Phytochemicals and Their Possible Mechanisms in Managing COVID-19 and Diabetes. 2021 , 11, 8163	0
408	Artificial intelligence-driven assessment of radiological images for COVID-19. 2021 , 136, 104665	7
407	Simultaneous presence of the "bullseye" and "reversed halo" sign at CT of COVID-19 pneumonia: A case report. 2021 , 16, 2442-2446	
406	Role of chest computed tomography to differentiate COVID-19 pneumonia in a low-prevalence area of disease in Southern Italy. 2021 , 8,	
405	COVID-19 Imaging-based AI Research - A Literature Review. 2021 ,	0
404	Guillain-Barré syndrome after SARS-CoV-2 infection in an international prospective cohort study. 2021 ,	10
403	Electrochemical immunosensor platform based on gold-clusters, cysteamine and glutaraldehyde modified electrode for diagnosing COVID-19. 2021 , 168, 106445	15
402	Current challenges in COVID-19 diagnosis: a narrative review and implications for clinical practice. 2021 , 15,	2
401	Spectrum of radiographic findings of new Coronavirus disease 2019. 2021 , 8,	0
400	The reliability of low-dose chest CT for the initial imaging of COVID-19: comparison of structured findings, categorical diagnoses and dose levels. 2021 , 27, 607-614	1
399	Bioactive Molecules Derived from Snake Venoms with Therapeutic Potential for the Treatment of Thrombo-Cardiovascular Disorders Associated with COVID-19. 2021 , 40, 799-841	6
398	Vaccinia virus-based vaccines confer protective immunity against SARS-CoV-2 virus in Syrian hamsters. 2021 , 16, e0257191	7
397	Previewable Contract-Based On-Chain X-Ray Image Sharing Framework for Clinical Research. 2021 , 156, 104599	3
396	Prediction of COVID Criticality Score with Laboratory, Clinical and CT Images using Hybrid Regression Models. 2021 , 209, 106336	1
395	Local binary pattern and deep learning feature extraction fusion for COVID-19 detection on computed tomography images.. 2021 ,	1
394	Joint segmentation and detection of COVID-19 via a sequential region generation network. 2021 , 118, 108006	5

393	COVID-19-associated acute respiratory distress syndrome (CARDS): Current knowledge on pathophysiology and ICU treatment - A narrative review. 2021 , 35, 351-368	16
392	Lung Function and Symptoms in Post-COVID-19 Patients: A Single-Center Experience. 2021 , 5, 907-915	7
391	Accurate detection of COVID-19 patients based on distance biased Naïve Bayes (DBNB) classification strategy. 2021 , 119, 108110	9
390	Pseudocavitation sign at chest CT scan due to COVID-19 pneumonia: A report of 5 cases and literature review. 2021 , 16, 3558-3564	
389	A Study of the Correlation between the Dates of the First Covid Case and the First Covid Death of 25 Selected Countries to know the Virulence of the Covid-19 in Different Tropical Conditions. 2021 , 19, 100707	1
388	COVID-19 pneumonia-ultrasound, radiographic, and computed tomography findings: a comprehensive pictorial essay. 2021 , 28, 519-526	4
387	The utility of HRCT in the initial diagnosis of COVID-19 pneumonia-An Indian perspective. 2021 , 31, S178-S181	3
386	The pulmonary pathology of COVID-19. 2021 , 478, 137-150	49
385	COVID-19 Detection Using Chest X-Ray Images with a RegNet Structured Deep Learning Model. 2021 , 358-370	2
384	Pulmonary Vascular Thrombosis in COVID-19 Pneumonia. 2021 , 35, 3631-3641	16
383	Kocaeli Üniversitesi'ndeki COVID-19 Hastaların Toraks Bilgisayarlı Tomografi Bulguları-78-82	
382	The effect of hepatic steatosis on COVID-19 severity: Chest computed tomography findings. 2021 , 27, 105-110	4
381	Review of the Prognosis Factors of COVID-19 Infection. 2021 , 11, 196-215	1
380	Cytokine Storm and Mucus Hypersecretion in COVID-19: Review of Mechanisms. 2021 , 14, 175-189	16
379	Radiological Pictures of COVID-19. 2021 , 101-124	
378	Hospital Preparedness for COVID-19: The Known and The Known Unknown. 2021 , 70, 25-34	5
377	Contribution of neutrophil/lymphocyte ratio to the diagnostic efficiency of computed tomography and polymerase chain reaction in COVID-19 patients. 2021 , 9, 20503121211046416	
376	Does CT help in reducing RT-PCR false negative rate for COVID-19?. 2021 , 31, S80-S86	3

375	A Review on Deep Learning Techniques for the Diagnosis of Novel Coronavirus (COVID-19).. 2021 , 9, 30551-30572	90
374	Classical and alternative receptors for SARS-CoV-2 therapeutic strategy. 2021 , 31, 1-9	18
373	Artificial Intelligence Against COVID-19: A Meta-analysis of Current Research. 2020 , 165-176	7
372	Imaging evaluation of COVID-19 in the emergency department. 2020 , 27, 579-588	11
371	Coronavirus disease 2019 (COVID-19) in patients with systemic autoimmune diseases or vasculitis: radiologic presentation. 2021 , 51, 339-348	9
370	Chest CT imaging features of COVID-19 pneumonia: First radiological insights from Porto, Portugal. 2020 , 7, 100294	1
369	Rapid onset of bronchiectasis in COVID-19 Pneumonia: two cases studied with CT. 2020 , 15, 2098-2103	5
368	CT changes of severe coronavirus disease 2019 based on prognosis. 2020 , 10, 21849	2
367	No evidence of clinical efficacy of hydroxychloroquine in patients hospitalised for COVID-19 infection and requiring oxygen: results of a study using routinely collected data to emulate a target trial.	48
366	Heparin therapy improving hypoxia in COVID-19 patients - a case series.	20
365	EFFECTIVENESS OF BASELINE AND POST-PROCESSED CHEST X-RAY IN NONEARLY COVID-19 PATIENTS.	1
364	Distinguishing COVID-19 from influenza pneumonia in the early stage through CT imaging and clinical features.	4
363	The Novel Coronavirus Disease (COVID-19): A PRISMA Systematic Review and Meta-analysis of Clinical and Paraclinical characteristics.	2
362	Development and potential usefulness of the COVID-19 Ag Respi-Strip diagnostic assay in a pandemic context.	3
361	AI-based multi-modal integration (ScanCov scores) of clinical characteristics, lab tests and chest CTs improves COVID-19 outcome prediction of hospitalized patients.	4
360	Diagnosis of COVID-19 using CT scan images and deep learning techniques.	8
359	A Human-Immune-System (HIS) humanized mouse model (DRAGA: HLA-A2. HLA-DR4. Rag1 KO.IL-2Rβ KO. NOD) for COVID-19. 2021 ,	2
358	Performance and Robustness of Machine Learning-based Radiomic COVID-19 Severity Prediction.	4

357	SCOAT-Net: A Novel Network for Segmenting COVID-19 Lung Opacification from CT Images.	2
356	Inf-Net: Automatic COVID-19 Lung Infection Segmentation From CT Images. 2020 , 39, 2626-2637	332
355	The "pandemic" increase in lung ultrasound use in response to Covid-19: can we complement computed tomography findings? A narrative review. 2020 , 12, 39	18
354	COVID-19 pneumonia: the great radiological mimicker. 2020 , 11, 118	38
353	Prevalence and risk factors for lung involvement on low-dose chest CT (LDCT) in a paucisymptomatic population of 247 patients affected by COVID-19. 2020 , 11, 117	3
352	Bacterial and viral co-infections in patients with severe SARS-CoV-2 pneumonia admitted to a French ICU. 2020 , 10, 119	111
351	CT chest of COVID-19 patients: what should a radiologist know?. 2020 , 51,	6
350	Chest CT findings of COVID-19-infected patients, are there differences between pediatric and adult patients? A systematic review. 2020 , 51,	6
349	Incidental whole-body MRI evidence of COVID-19 in an asymptomatic patient in a high prevalence region. 2020 , 51,	3
348	CT findings of 795 COVID-19 positive cases: a multicenter study in Egypt. 2020 , 51,	5
347	CT chest findings in patients infected with COVID-19: review of literature. 2020 , 51,	5
346	Longitudinal assessment of chest computerized tomography and oxygen saturation for patients with COVID-19. 2020 , 51,	3
345	Atypical Chest Computed Tomography Finding of Predominant Interstitial Thickening in a Patient with Coronavirus Disease 2019 (COVID-19) Pneumonia. 2020 , 21, e926781	2
344	COVID-19 and Tuberculosis Coinfection in a 51-Year-Old Taxi Driver in Mexico City. 2020 , 21, e927628	4
343	Typical and atypical COVID-19 computed tomography findings. 2020 , 8, 3177-3187	28
342	High serum lactate dehydrogenase and dyspnea: Positive predictors of adverse outcome in critical COVID-19 patients in Yichang. 2020 , 8, 5535-5546	5
341	Low-dose chest CT for diagnosing and assessing the extent of lung involvement of SARS-CoV-2 pneumonia using a semi quantitative score. 2020 , 15, e0241407	5
340	Computed tomography characterization and outcome evaluation of COVID-19 pneumonia complicated by venous thromboembolism. 2020 , 15, e0242475	8

339	The optimal diagnostic methods for COVID-19. 2020 , 7, 349-356	23
338	A Survey on Artificial Intelligence in Chest Imaging of COVID-19. 2020 , 1, 137-146	11
337	Computed tomography findings in a Brazilian cohort of 48 patients with pneumonia due to coronavirus disease. 2020 , 53, e20200405	10
336	Thoracic tomographic manifestations in symptomatic respiratory patients with COVID-19. 2020 , 53, 255-261	12
335	Chest CT accuracy in the diagnosis of SARS-CoV-2 infection: initial experience in a cancer center. 2020 , 53, 211-215	16
334	COVID-19: a brief update for radiologists. 2020 , 53, 320-328	12
333	COVID-19 and cancer patients. 2020 , 53, V	1
332	Covid-19 pandemic: from carnival masks to surgical masks. 2020 , 42, 361-365	1
331	COVID-19 Pneumonia Resembling an Acute Exacerbation of Interstitial Pneumonia. 2020 , 59, 3207-3211	5
330	Global Status of COVID-19 Diagnosis: An Overview. 2020 , 14, 879-892	7
329	First experience of lung ultrasound application in patients with acute viral infection caused by SARS-CoV-2. 2020 , 24, 50-62	2
328	Abdominal symptoms as initial manifestation of COVID-19: a case series. 2020 , 18, eRC5831	2
327	COVID-19 findings identified in chest computed tomography: a pictorial essay. 2020 , 18, eRW5741	6
326	Halo, Reversed Halo, or Both? Atypical Computed Tomography Manifestations of Coronavirus Disease (COVID-19) Pneumonia: The "Double Halo Sign". 2020 , 21, 1161-1164	6
325	Intensive Care Risk Estimation in COVID-19 Pneumonia Based on Clinical and Imaging Parameters: Experiences from the Munich Cohort. 2020 , 9,	39
324	COVID-19 Enfeksiyonunda Toraks Bilgisayarlı Tomografi Bulguları	2
323	Cardiovascular Imaging and Interventional Procedures in Patients with Novel Coronavirus Infection. 2020 , 115, 111-126	2
322	COVID-19: What We Know So Far. 2020 , 1, 73-108	1

321	COVID-19: general overview, pharmacological options and ventilatory support strategies. 2020 , 15, 708	2
320	Understanding the unusual viral outbreak: Coronavirus disease 2019. 2020 , 6, 3	8
319	Cystic airspaces associated with COVID-19 pneumonia. 2020 , 37, 551-553	3
318	COVID-19: What we all intensivists should know. 2020 , 4, 45	1
317	Radon Risks Assessment with the Covid-19 Lockdown Effects. 2020 , 08, 1402-1412	4
316	Lung Changes on Chest CT During 2019 Novel Coronavirus (COVID-19) Pneumonia. 2020 , 16, 89-90	13
315	Chronic Pulmonary Diseases and COVID-19. 2020 , 21, 345-349	16
314	Turkish Society of Cardiovascular Surgery (TSCVS) Proposal for use of ECMO in respiratory and circulatory failure in COVID-19 pandemic era. 2019 , 28, 229-235	3
313	Crazy-Paving: A Computed Tomographic Finding of Coronavirus Disease 2019. 2020 , 4, 461-463	3
312	Association of Underlying Diseases and Clinical Characteristics with Mortality in Patients with 2019 Novel Coronavirus in Iran. 2020 , 15,	2
311	Early Computed Tomography Findings of Novel Coronavirus Disease 2019 (COVID-19) Pneumonia. 2020 , 15,	1
310	Interpretation of CT Scan Findings During the COVID-19 Pandemic. 2020 , 24,	1
309	Highlighted Prospects of an IgM/IgG Antibodies Test in Identifying Individuals With Asymptomatic Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection. 2021 , 145, 39-45	5
308	A multi-task pipeline with specialized streams for classification and segmentation of infection manifestations in COVID-19 scans. 2020 , 6, e303	16
307	Characteristics of Chest CT Images in Patients With COVID-19 Pneumonia in London, UK. 2020 , 12, e10289	11
306	Management of Covid-19 Detection Using Artificial Intelligence in 2020 Pandemic. 2021 ,	1
305	Voice processing for COVID-19 scanning and prognostic indicator. 2021 , 7, e08134	1
304	Comparison of pirfenidone and corticosteroid treatments at the COVID-19 pneumonia with the guide of artificial intelligence supported thoracic computed tomography. 2021 , e14961	3

303	A new SARS-CoV-2 variant with high lethality poorly detected by RT-PCR on nasopharyngeal samples: an observational study. 2021 ,	2
302	COVID-19-Related Lung Involvement at Different Time Intervals: Evaluation of Computed Tomography Images With Semiquantitative Scoring System and COVID-19 Reporting and Data System Scoring. 2021 , 13, e18554	1
301	Rapid diagnosis of COVID-19 using FT-IR ATR spectroscopy and machine learning. 2021 , 11, 15409	5
300	Differences in Dynamics of Lung Computed Tomography Patterns between Survivors and Deceased Adult Patients with COVID-19. 2021 , 11,	
299	Community and Hospital Acquired Pneumonia.. 2022 , 57, 3-17	
298	Additional Value of Non-contrast Chest CT in the Prediction of Adverse Cardiovascular Events in Patients With Novel Coronavirus Disease 2019 (COVID-19). 2021 , 8, 738044	
297	Predictive role of FAR ratio in COVID-19 patients. 2021 , e14931	0
296	DTC genetic test for customized cosmetics in COVID-19 pandemic: Focused on women in their 40s and 60s in Seoul, Republic of Korea. 2021 , 20, 3085-3092	2
295	COVID-19 pneumonia: A review of typical radiological characteristics. 2021 , 13, 327-343	2
294	On Analyzing Capnogram as a Novel Method for Screening COVID-19: A Review on Assessment Methods for COVID-19. 2021 , 11,	0
293	Recent findings and applications of biomedical engineering for COVID-19 diagnosis: a critical review. 2021 , 12, 8594-8613	4
292	COVITALE 2020 from eastern Indian population: imageologists perspective, a learning curve. 2021 , 52,	
291	Hyperbaric oxygen therapy in overweight and obese patients with COVID-19. 2021 , 3,	0
290	COVID-19 pneumonia and its lookalikes: How radiologists perform in differentiating atypical pneumonias. 2021 , 144, 110002	1
289	SARS-CoV-2: Current trends in emerging variants, pathogenesis, immune responses, potential therapeutic, and vaccine development strategies. 2021 , 101, 108232	5
288	Correlaci3n de carga viral con prueba RT-PCR en infecci3n por SARS-CoV-2 y hallazgos en tomograf3a computarizada de t3rax. 2020 , 18, 382-389	
287	Intensive care risk estimation in COVID-19 pneumonia based on clinical and imaging parameters: experiences from the Munich cohort.	
286	Observer agreement and clinical significance of chest CT reporting in patients suspected of COVID-19.	

- 285 A Multi-Task Pipeline with Specialized Streams for Classification and Segmentation of Infection Manifestations in COVID-19 Scans.
- 284 Findings and prognostic value of lung ultrasound in COVID-19 pneumonia. 2
- 283 CT diagnostics and monitoring of the course of viral pneumonia caused by the SARS-CoV-2 virus during the work of the COVID-19 Hospital based on the Federal Specialized Medical Scientific Center. **2020**, 24, 11-36 7
- 282 Pathophysiology of COVID-19 infection. **2020**, Publish Ahead of Print, 2
- 281 Incidental PET/CT Findings of Suspected COVID-19 in a Region of High Prevalence. **2020**, 12, e9716 2
- 280 COVID-19'da gastrointestinal semptomlar ile hastalığ seyri ve prognozu arasında bir ilişki var mı? Tek merkezli pilot çalışması. 1-2 0
- 279 Elastocapillary network model of inhalation. **2020**, 2,
- 278 Establishment of Diagnostic Reference Levels for Computed Tomography Scanning in Hamadan. **2020**, 10, 792-800 1
- 277 Diş Hekimliği Uzmanlarının Covid-19 Pandemisi ile İlgili Bilgi Düzeylerinin Değerlendirilmesi.
- 276 Clinical Profile and CT-Chest Patterns of 56 Patients with Covid-19 Pneumonia. **2020**, 35, 304-312
- 275 Chest Radiograph (CXR) Manifestations of the Novel Coronavirus Disease 2019 (COVID-19): A Mini-review. **2021**, 17, 677-685 2
- 274 Covid-19: The Biggest Threat of the 21 Century: In Respectful Memory of the Warriors All Over the World. **2020**, 21, 409-418 2
- 273 COVID-19 Pandemic and Upcoming Influenza Season-Does an Expert's Computed Tomography Assessment Differentially Identify COVID-19, Influenza and Pneumonias of Other Origin?. **2020**, 10, 1
- 272 The effect of the coronavirus disease 2019 lockdown on type A acute aortic dissection: Insights from Bologna. **2020**, 4, 50-54 3
- 271 Use of lung ultrasound for COVID-19 in the intensive care unit. **2020**, 20, 400-403 1
- 270 Impacto de la pandemia COVID-19 en la práctica de Cirugía General en México. Encuesta Nacional. **2020**, 42, 149-154
- 269 Interest of Chest Imaging for COVID-19 Screening, Case Report.
- 268 Temporal evolution of tomographic findings of pulmonary infection in COVID-19. **2020**, 18, eCE5974 2

- 267 Radiological findings of COVID-19 pneumonia. **2020**, 22, 19 1
- 266 Sđndrome de distrđ respiratorio agudo en paciente con COVID-19. **2020**, 34, 249-253
- 265 Infecciđ por SARS-CoV-2 (COVID-19) en Pediatrđ. **2020**, 33, 191-203
- 264 Analysis of Characteristics of Bedside Chest Radiography in Critically Ill COVID-19 Patients. **2020**, 4, 107
- 263 Multimodality imaging of coronavirus disease 2019 (COVID-19): a pictorial essay. **2020**, 85, e387-e393 0
- 262 COVID 19-Fighting an unseen enemy. **2020**, 8, 114
- 261 Severe acute respiratory syndrome coronavirus-2 and tuberculosis coinfection: Double trouble. **2020**, 11, 164 2
- 260 COVID-19 pneumonia.
- 259 Pulmonary Rehabilitation Program for Patients with COPD. **2020**, 5, 366-377
- 258 Nanomedicine for the Diagnosis and Therapy of COVID-19. **2021**, 9, 758121
- 257 Role of Imaging in Diagnosis and Management of COVID-19: A Multiorgan Multimodality Imaging Review. **2021**, 8, 765975 1
- 256 Electrochemical biosensing platform based on hydrogen bonding for detection of the SARS-CoV-2 spike antibody. **2021**, 1 3
- 255 COVID-19 Hastalarđda Akut Solunum Skđtđ Sendromu (ARDS) Yđetimi ve Hemđrelilik Bakđđ-8-14 0
- 254 Eleven Routine Clinical Features Predict COVID-19 Severity. 0
- 253 Non applicability of validated predictive models for intensive care admission and death of COVID-19 patients in a secondary care hospital in Belgium.
- 252 Evaluation of COVID-19 Thorax Computed Tomography Findings in Hemodialysis Patients.
- 251 Evaluation of Computed Tomography, Clinical and Laboratory Findings of COVID-19 in Cancer Patients.
- 250 The Resumption of Sports Medicine During the COVID-19 Post-Epidemic Period: Experiences from Wuhan, People's Republic of China. **2021**, 103, 10-14 2

249	COMPUTED TOMOGRAPHY FEATURES OF THE PATIENTS WITH COVID-19: TYPICAL AND ATYPICAL FINDINGS.	
248	Chest CT Imaging Features of COVID-19-Related Pulmonary Fibrosis: A Case Report. 2020 , In Press,	1
247	Correlation between Chest Computed Tomography Scan Findings and Mortality of COVID-19 Cases; a Cross sectional Study. 2020 , 8, e57	9
246	Chest computed tomography in recovered and discharged COVID-19 patients. 2020 , 37, 349-350	
245	MinIP technique may be helpful in diagnosing COVID-19. 2020 , 26, 604-605	1
244	The role of imaging and other diagnostic approaches in COVID-19. 2020 , 91, e2020019	1
243	Clinical characteristics and prognosis of COVID-19 patients with initial presentation of lung lesions confined to a single pulmonary lobe. 2020 , 12, 7501-7509	4
242	The Many Faces of Covid-19: Organizing Pneumonia (OP) Pattern HRCT Features. 2020 , 23, 16-18	1
241	The Pathogenesis and Treatment of COVID-19: A System Review. 2021 , 34, 50-60	3
240	Hemorrhagic pericardial effusion leading to cardiac tamponade, as presenting feature of COVID-19 in a young man: a case report. 2020 , 91, e2020146	4
239	Chest Computed Tomography Findings of Eight Patients With Covid-19 Diagnosis: Case Series. 2021 , 91, e2020136	
238	Segmentation of COVID-19 pneumonia lesions: A deep learning approach. 2020 , 34, 174	1
237	The Many Faces of Covid-19: Organizing Pneumonia (OP) Pattern HRCT Features. 2020 , 23, 16-18	
236	An overview of 2019 novel coronavirus COVID-19 pandemic: A review study. 2021 , 10, 280	1
235	Detection of SARS-CoV-2 RNA in a conjunctival swab sample in real-time-polymerase chain reaction positive COVID-19 patients and its association with comorbidity and severity at a designated COVID-19 hospital in Central India. 2021 , 69, 3633-3636	1
234	Diagnostic value of ground-glass opacity in suspected coronavirus disease 2019 patients: A meta-analysis. 2021 , 8, 31	
233	Antiviral Abidol is Associated with the Reduction of In-Hospital Mortality in COVID-19 Patients.. 2021 , 1, 37-43	3
232	. 2021 ,	1

231	Detection of Covid-19 from Chest CT Images Using Deep Transfer Learning. 2021,	
230	Proof-of-concept trial of an amniotic fluid-derived extracellular vesicle biologic for treating high risk patients with mild-to-moderate acute COVID-19 infection. 2021, 4, 100031	1
229	SARS-CoV-2 as a mimicker of pulmonary metastasis in osteosarcoma. 2021, e29435	0
228	Potential benefits of precise corticosteroid therapy for critical COVID-19. 2021, 103813	0
227	Rare case of a patient with testicular torsion complicated by acute pneumonia, requiring emergency surgery, during the COVID-19 pandemic.. 2022, 5, 99-101	0
226	Cardiac tamponade as a presentation of COVID-19 after cardiac surgery. 2021, 1-4	0
225	Comparison of thrombotic events and mortality in patients with community-acquired pneumonia and COVID-19: a multicentre observational study. 2021,	7
224	Automatic classification of severity of COVID-19 patients using texture feature and random forest based on computed tomography images.. 2022, 32, 102-110	2
223	Reversible Bronchiectasis in COVID-19 Survivors With Acute Respiratory Distress Syndrome: Pseudobronchiectasis.. 2021, 8, 739857	1
222	Sextus chest radiograph severity score correlates to clinical outcomes in patients with COVID-19: A cross-sectional study. 2021, 100, e27663	0
221	Lung Ultrasound in COVID-19 and Post-COVID-19 Patients, an Evidence-Based Approach. 2021,	2
220	Chest computed tomography in recovered and discharged COVID-19 patients. 2020, 37, 349	
219	A case report of pleural effusion in a COVID-19 patient with multiple comorbidities. 2021, 9, 259	
218	Pathology of COVID-19 Infection. 2021, 135-148	
217	SD-UNet: A Novel Segmentation Framework for CT Images of Lung Infections. 2022, 11, 130	2
216	Fully automated segmentation of pneumonia infection based on Probabilistic Graphical Model and U-Net blend network. 1-8	1
215	Review and classification of AI-enabled COVID-19 CT imaging models based on computer vision tasks.. 2021, 141, 105123	7
214	Change In Retinal Vessel Diameter And Choroidal Thickness In Patients With Severe COVID-19: Change In Retinal Parameters In Patients With Severe COVID-19. 2021, 37, 102674	0

213	Segmentation of COVID-19 pneumonia lesions: A deep learning approach. 2020 , 34, 174	1
212	THE MANY FACES OF COVID-19: ORGANIZING PNEUMONIA (OP) PATTERN HRCT FEATURES. 2020 , 23, 16-18	3
211	Differentiating COVID-19 Cases from Others by an Anatomy Similarity-Inspired Sensitive Merit from CT Images. 2020 ,	
210	MinIP technique may be helpful in diagnosing COVID-19. 2020 , 26, 604-605	1
209	Artificial Intelligence and Precision Medicine: A Perspective. 2021 ,	5
208	Correlation between thorax computed tomography findings and clinical and laboratory data on patients with coronavirus disease 2019. 2021 , 8, 9	
207	COVID-19 pandemic in flu season. Chest computed tomography - what we know so far.. 2021 , 86, e692-e699	
206	Medical Treatment in Covid-19: Changes in Post-treatment Laboratory Results and CT Findings.	
205	Etkif Coronavirusun Uygulanana Sadece Bilimlerde Sonras-Gelişen Yan Etkilerin Değerlendirilmesi.	
204	A Denoising Self-supervised Approach for COVID-19 Pneumonia Lesion Segmentation with Limited Annotated CT Images. 2021 , 2021, 3705-3708	
203	Simulated Annealing-Based Image Reconstruction for Patients With COVID-19 as a Model for Ultralow-Dose Computed Tomography.. 2021 , 12, 737233	
202	Postmortem CT in decedents with SARS-CoV-2 infection. A single institution experience. 1-6	0
201	Prognostic findings for ICU admission in patients with COVID-19 pneumonia: baseline and follow-up chest CT and the added value of artificial intelligence.. 2022 , 29, 243	0
200	Significance of chest computed tomography scan findings at time of diagnosis in patients with COVID-19 pneumonia. 2022 , 13, 9	
199	Comprehensive analysis of disease pathology in immunocompetent and immunocompromised hamster models of SARS-CoV-2 infection.	1
198	Chest CT Characteristics are Strongly Predictive of Mortality in Patients with COVID-19 Pneumonia: A Multicentric Cohort Study.. 2022 ,	0
197	Artificial intelligence computed tomography helps evaluate the severity of COVID-19 patients: A retrospective study.. 2022 , 13, 91-97	0
196	Comparison of chest CT severity scoring systems for COVID-19.. <i>European Radiology</i> , 2022 , 1	8 1

195	COVID-19 PNEUMONIA TORAKS BT BULGULARI VE KLİNİK SEMPTOMLAR ÜZERİNDEKİ İZLENİMLERİMİZ 2022 , 23, 88-94	
194	Efficient and Visualizable Convolutional Neural Networks for COVID-19 Classification Using Chest CT.. 2022 , 195, 116540	2
193	Chest radiological finding of COVID-19 in patients with and without diabetes mellitus: Differences in imaging finding.. 2022 , 14, 13-18	0
192	Antimicrobial Use in Hospitalised Patients with COVID-19: An International Multicentre Point-Prevalence Study.. 2022 , 11,	1
191	Unusual Diffuse Ground-Glass Opacities in the Lungs on 18F-FDG PET/CT: A Case of Melanoma With Pulmonary Metastasis.. 2022 , 47,	0
190	Focus, Fusion, and Rectify: Context-Aware Learning for COVID-19 Lung Infection Segmentation. 2021 , PP,	4
189	Do submillisievert-chest CT protocols impact diagnostic quality in suspected COVID-19 patients?. 2022 , 11, 20584601211073864	1
188	Medical imaging of pulmonary disease in SARS-CoV-2-exposed non-human primates.. 2021 ,	4
187	SARS-CoV-2 Infections, Impaired Tissue, and Metabolic Health: Pathophysiology and Potential Therapeutics.. 2022 ,	1
186	COVID-19 CT image recognition algorithm based on transformer and CNN.. 2022 , 72, 102150	8
185	SARS, MERS and CoVID-19: An overview and comparison of clinical, laboratory and radiological features.. 2022 , 11, 10-17	0
184	COVID-19: using chest CT of major trauma patients to monitor and evaluate the second wave in London and the development of routine monitoring in practice.. 2021 ,	
183	Emerging spectrum of post-COVID-19 syndrome. 2021 ,	3
182	Attention-Based Residual Learning Network for COVID-19 Detection Using Chest CT Images. 2022 , 367-391	0
181	Currently available biosensor-based approaches for severe acute respiratory syndrome-coronavirus 2 detection. 2022 , 373-390	0
180	An optimized CNN based automated COVID-19 lung infection identification technique from C.T. images. 2022 , 253-276	
179	Impact of Mediastinal Lymphadenopathy on the Severity of COVID-19 Pneumonia: A Nationwide Multicenter Cohort Study. 2022 , 37,	0
178	A Deep Convolutional Neural Network for COVID-19 Chest CT-Scan Image Classification. 2022 , 603-612	

177	Role of Artificial Intelligence in Diagnosis of Covid-19 Using CT-Scan. 2022 , 67-77	
176	A model of persistent post SARS-CoV-2 induced lung disease for target identification and testing of therapeutic strategies.. 2022 ,	2
175	Severe Infections Due to Respiratory Viruses.. 2022 , 43, 60-74	0
174	Molecular and Physiological Aspects of SARS-CoV-2 Infection in Women and Pregnancy.. 2022 , 3, 756362	
173	A Study Of Imaging Findings On Hrct Thorax In Corona Virus Disease 2019 (covid-19). 2022 , 24, 44-65	
172	The application research of AI image recognition and processing technology in the early diagnosis of the COVID-19.. 2022 , 22, 29	3
171	Pulmonary Complications after COVID-19.. 2022 , 12,	0
170	The Holistic Spectrum of Thrombotic Ocular Complications: Recent Advances with Diagnosis, Prevention, and Management Guidelines.	
169	An Electrochemical Biosensing Platform for the SARS-CoV-2 Spike Antibody Detection Based on the Functionalised SARS-CoV-2 Spike Antigen Modified Electrode. 2022 , 7,	1
168	The role of chest tomography in the diagnosis of COVID-19. 2022 , 3, 1-6	1
167	Spectrum of Typical and Atypical Pulmonary CT Imaging Findings of COVID-19 Infection: A Retrospective Study.. 2022 , 14, e23550	0
166	Deep Learning and Medical Image Analysis for COVID-19 Diagnosis and Prediction.. 2022 ,	3
165	Radiological findings in low-dose CT for COVID-19 pneumonia in 182 patients: Correlation of signs and severity with patient outcome.. 2022 , 101, e28950	0
164	Radiological Findings Increased the Successful of COVID-19 Diagnosis in Hospitalized Patients Suspected of Respiratory Viral Infection but with a Negative First SARS-CoV-2 RT-PCR Result.. 2022 , 12,	
163	Pulmonary Procedures in the COVID-19 Era.. 2022 , 1-9	1
162	Computed tomography findings and prognosis in older COVID-19 patients.. 2022 , 22, 166	1
161	Triaging of COVID-19 patients using low dose chest CT: Incidence and factor analysis of lung involvement on CT images.. 2022 ,	0
160	Correlation between chest CT severity scoring system with oxygen saturation and laboratory inflammatory markers in adult patients with COVID-19 infection. 2022 , 53,	0

- 159 Comparison of CO-RADS Scores Based on Visual and Artificial Intelligence Assessments in a Non-Endemic Area.. **2022**, 12,
- 158 Landscape of Molecular Crosstalk Perturbation between Lung Cancer and COVID-19.. **2022**, 19, 0
- 157 Cumulative Radiation Exposure in Covid-19 Patients Admitted to the Intensive Care Unit.. **2022**,
- 156 SARS-CoV-2 Spike Protein Binding of Glycated Serum Albumin-Its Potential Role in the Pathogenesis of the COVID-19 Clinical Syndromes and Bias towards Individuals with Pre-Diabetes/Type 2 Diabetes and Metabolic Diseases.. **2022**, 23, 2
- 155 MA-Net:Mutex attention network for COVID-19 diagnosis on CT images.. **2022**, 1-16
- 154 The pathophysiological mechanisms of COVID-19 and host immunity, with emphasis on the dysbiosis of the lung and gut microbiomes and pregnancy.. **2022**,
- 153 Characteristics and outcomes of COVID-19 patients with IPF: A multi-center retrospective study.. **2022**, 81, 100900
- 152 Características tomográficas de las lesiones pulmonares en pacientes hospitalizados con COVID-19 y su valor pronóstico. **2021**, 62, 357-370
- 151 Pulmonary fibrosis as an outcome of COVID-19 pneumonia. **2021**, 18, 413-421
- 150 Role of Neutrophil Extracellular Traps in COVID-19 Progression: An Insight for Effective Treatment.. **2021**, 10, 2
- 149 Examination of clinical conditions and chest CT images of Covid-19 cases in Turkey; single center study.. **2021**, 21, 1546-1557
- 148 [Low-dose chest CT for preoperative screening for SARS-CoV-2 infection].. **2021**,
- 147 Dentistry & COVID-19: Spreading facts not myths. **2021**, 7, 253-256
- 146 Initial screening chest computed tomography findings of patients who were admitted to the xxxx University Hospital with pre-diagnosis of Coronavirus disease 2019 (COVID-19).
- 145 CT image segmentation of COVID-19 based on UNet++ and ResNeXt. **2021**,
- 144 Human-Immune-System (HIS) humanized mouse model (DRAGA: HLA-A2.HLA-DR4.Rag1KO.IL-2RβKO.NOD) for COVID-19.. **2022**, 1-16 1
- 143 Role of a Chest X-ray Severity Score in a Multivariable Predictive Model for Mortality in Patients with COVID-19: A Single-Center, Retrospective Study.. **2022**, 11, 0
- 142 Experience in the use of lung ultrasound in patients of the respiratory hospital of Siberian State Medical University with COVID-19 pneumonia. **2022**, 21, 96-102

- 141 Using Artificial Intelligence to Improve the Diagnostic Efficiency of Pulmonologists in Differentiating COVID-19 Pneumonia from Community-Acquired Pneumonia.. **2022**, 0
- 140 Chest Computed Tomography Is an Efficient Method for Initial Diagnosis of COVID-19: An Observational Study.. **2022**, 9, 848656
- 139 Pulmonary Lymphangitis Poses a Major Challenge for Radiologists in an Oncological Setting during the COVID-19 Pandemic.. **2022**, 12, 2
- 138 Chest CT Findings (COVID-19), Analysis of 200 Cases (Postmortem). **2022**, 30, 241-248
- 137 Data_Sheet_1.xlsx. **2020**,
- 136 Table_1.docx. **2020**,
- 135 Ultrasound assessment of SARS-CoV-2 pneumonia: a literature review for the primary care physician.. **2022**, 54, 1140-1149 0
- 134 Predicting Severity of Novel Coronavirus (COVID-19) Pneumonia based upon Admission Clinical, Laboratory, and Imaging Findings.. **2021**, 20, 232-239 0
- 133 Experiences of Patients Undergoing Emergency Surgery in Covid-19 Pandemic: A Qualitative Study.. **2022**, 9, 23743735221092602
- 132 Early intervention with anti-fibrotic pirfenidone is effective than corticosteroids in preventing pulmonary fibrosis in severe COVID pneumonia patients. **2022**, 12, 53 0
- 131 Longer length of stay, days between discharge/first readmission, and pulmonary involvement 80% increase prevalence of admissions in ICU in unplanned readmissions after COVID-19 hospitalizations.. **2022**, 0
- 130 Distinguishing COVID-19 From Influenza Pneumonia in the Early Stage Through CT Imaging and Clinical Features. **2022**, 13, 1
- 129 Awareness of Coronavirus Disease and Perceived Stress in Pregnant Women. **2022**, 7, 235-242
- 128 Clinical and Imaging Features of COVID-19-Associated Pulmonary Aspergillosis. **2022**, 12, 1201 0
- 127 Comparison of Chest CT and RT-PCR Assay for Indication of Disease Course of Coronavirus Disease 2019 (COVID-19) Pneumonia.. **2022**,
- 126 Thoracic imaging tests for the diagnosis of COVID-19.. **2022**, 5, CD013639 0
- 125 Molecular and Clinical Investigation of COVID-19: From Pathogenesis and Immune Responses to Novel Diagnosis and Treatment. **2022**, 9, 0
- 124 Impact of the ABCB1 Drug Resistance Gene on the Risk Factors of Patients with COVID-19 and Its Relationship with the Drugs Used. Volume 15, 2661-2669

123	Prognostic significance of COVID-19 MSCT chest findings on short-term disease progression. 2022 , 16,	
122	Exploring the Deep-Learning Techniques in Detecting the Presence of Coronavirus in the Chest X-Ray Images: A Comprehensive Review.	0
121	The correlation study on chest CT features and kidney injury in severe COVID-19 pneumonia from a multicenter cohort study.	0
120	Explainable artificial intelligence approach in combating real-time surveillance of COVID19 pandemic from CT scan and X-ray images using ensemble model.	1
119	A New Coronavirus Estimation Global Score for Predicting Mortality During Hospitalization in Patients with COVID-19. 2022 , 2, 69-76	
118	Vocal outcomes after COVID-19 infection: acoustic voice analyses, durational measurements, self-reported findings, and auditory-perceptual evaluations.	0
117	Evaluation of Diagnostic Strategies for Identifying SARS-CoV-2 Infection in Clinical Practice: a Systematic Review and Compliance with the Standards for Reporting Diagnostic Accuracy Studies Guideline (STARD).	0
116	Lessons from SARS-CoV-2 and its variants (Review). 2022 , 26,	0
115	Comprehensive Analysis of Disease Pathology in Immunocompetent and Immunocompromised Hosts following Pulmonary SARS-CoV-2 Infection. 2022 , 10, 1343	0
114	Deep Residual Learning based on ResNet50 for COVID-19 Recognition in Lung CT Images. 2022 ,	
113	COVID-19 Pneumonia and Gut Inflammation: The Role of a Mix of Three Probiotic Strains in Reducing Inflammatory Markers and Need for Oxygen Support. 2022 , 11, 3758	3
112	Association of Lung CT Findings in Coronavirus Disease 2019 (COVID-19) With Patients' Age, Body Weight, Vital Signs, and Medical Regimen. 9,	
111	Automatic Segmentation of COVID-19 Infection on Lung CT Scans using Mask R-CNN. 2022 ,	
110	Severity of Disease and COVID-19 Complications During Hospital Stay: A Prospective Cohort Study. 2022 , 25, 383-393	0
109	Possible Alterations of Imaging Patterns in Computed Tomography for Delta-VOC of SARS-CoV-2.	
108	SARS-CoV-2 infection produces chronic pulmonary epithelial and immune cell dysfunction with fibrosis in mice.	6
107	Concurrent coronavirus disease 2019 and primary syphilis in a young man: A rare case report. 2022 ,	0
106	Low-dose chest CT for preoperative screening for SARS-CoV-2 infection. 2022 ,	0

- 105 Covid Prediction and Covid Detection via X-Ray Images. **2022**,
- 104 COVID-19 and Pulmonary Tuberculosis Coinfection in a Moroccan Patient with Pulmonary Embolism: A Case Report and Literature Review. **2022**, 2022, 1-14
- 103 Radiological comparison of the Wuhan and B.1.1.7 variant COVID-19 infection; are there any differences in chest CT scans?. **2022**, 5, 1009-1014
- 102 Prognostic Value of Chest-Computed Tomography in Patients with COVID-19. **2022**, 90, 312-322
- 101 Managing Rheumatic Diseases in COVID-19. **2022**, 32, 159-165
- 100 COVID-19 CT image segmentation based on improved Res2Net.
- 99 Semiquantitative CT imaging as a tool in improving detection of ground glass patches in patients with COVID-19 pneumonia and for better follow-up. **2022**, 53,
- 98 COVID-19-Associated Pulmonary Fungal Infection among Pediatric Cancer Patients, a Single Center Experience. **2022**, 8, 850 1
- 97 Extensive Nonsegmental Pulmonary Perfusion Defects on SPECT/CT as an Early Sign of COVID-19 Infection.
- 96 Role of Ferritin in COVID-19 pneumonia: Sensitive marker of inflammation, predictor of mechanical ventilation, and early marker of post-COVID-lung fibrosis [A prospective, observational, and interventional study in a tertiary care setting in India. **2022**, 13, 28 0
- 95 Cirugía plástica en tiempos de pandemia y de vacunas: recomendaciones de seguridad para evitar complicaciones postoperatorias (medicina basada en evidencias). **2022**, 32, 12-27 0
- 94 Hipertansiyon Tanı COVID-19 Hastalarında Fibrinojen ve D-dimer Düzeylerinin İncelenmesi. 0
- 93 Noninvasive Ventilation in Treatment of Respiratory Failure-Related COVID-19 Infection: Review of the Literature. **2022**, 2022, 1-8 0
- 92 Renalase Challenges the Oxidative Stress and Fibroproliferative Response in COVID-19. **2022**, 2022, 1-27 0
- 91 Impact of COVID-19 on G20 countries: analysis of economic recession using data mining approaches. **2022**, 8, 3
- 90 Stratification of COVID-19 severity using SeptiCyte RAPID, a novel host immune response test. 0
- 89 A novel infrasound and audible machine-learning approach for the diagnosis of COVID-19. 00152-2022 0
- 88 The Caliber of Segmental and Subsegmental Vessels in COVID-19 Pneumonia Is Enlarged: A Distinctive Feature in Comparison with Other Forms of Inflammatory and Thromboembolic Diseases. **2022**, 12, 1465 0

87	A direct comparison between five lung-US and chest-CT-scans in a patient infected by SARS-CoV-2. 2022 , 18,	0
86	Follow-up the severity of abnormalities diagnosed in chest CT imaging of COVID-19 patients: A cross-sectional study. 2022 , 5,	0
85	Research on multi-modal autonomous diagnosis algorithm of COVID-19 based on whale optimized support vector machine and improved D-S evidence fusion. 2022 , 106181	0
84	Equilibrium-based COVID-19 diagnosis from routine blood tests: A sparse deep convolutional model. 2022 , 118935	0
83	A deep learning model for segmentation of covid-19 infections using CT scans. 2022 ,	0
82	A review of covid-19 detection and diagnosis methods based on deep learning. 2022 ,	0
81	Obstructive Sleep Apnea with COVID-19. 2022 , 281-293	0
80	Computed Tomography of the Lungs as a Means of Predicting Lethal Outcome in Cancer Patients with Pneumonia Caused by the SARS-CoV-2 Virus. 2022 , 39-48	0
79	High-Resolution Computed Tomography of Cystic Lung Disease.	0
78	Oncology and cardiology positron emission tomography/computed tomography faced with COVID-19: A review of available literature data. 9,	0
77	Serial ferritin titer monitoring in COVID-19 pneumonia: valuable inflammatory marker in assessment of severity and predicting early lung fibrosis [prospective, multicentric, observational, and interventional study in tertiary care setting in India. 2022 , 34,	0
76	Research on COVID-19 pneumonia diagnosis based on chest x-ray (CXR) images using transformer and CNN. 2022 ,	0
75	An Observational Study on Unique High Resolution Computed Tomography Pattern of Post-COVID Pulmonary Fibrosis.	0
74	Towards Smart Diagnostic Methods for COVID-19: Review of Deep Learning for Medical Imaging. 2022 , 100008	0
73	Profile of Co-Infection Prevalence and Antibiotics Use among COVID-19 Patients. 2022 , 11, 1250	1
72	Advances in Biosensing Technologies for Diagnosis of COVID-19. 2022 , 12, 898	2
71	Conceptualising a channel-based overlapping CNN tower architecture for COVID-19 identification from CT-scan images. 2022 , 12,	0
70	Tomography and Prognostic Indices in the State of the Art of Evaluation in Hospitalized Patients with COVID-19 Pneumonia. 2022 , 11, 1281	0

- 69 Diagnosis of COVID-19 in CT images based on convolutional neural network (CNN). **2022**, ○
- 68 Two in one: Overlapping CT findings of COVID-19 and underlying lung diseases. **2023**, 93, 60-69 ○
- 67 May an incidental finding on chest CT be a predictor of access in intensive care unit? Role of hepatic steatosis in patients affected by SARS-CoV-2. **2022**, 11, 227990362211157 ○
- 66 Association between emphysema and other pulmonary computed tomography patterns in COVID-19 pneumonia. ○
- 65 TDD-UNet:Transformer with double decoder UNet for COVID-19 lesions segmentation. **2022**, 106306 ○
- 64 Lung Fibrosis: Post-COVID-19 Complications and Evidences. **2022**, 109418 ○
- 63 Role of nanotechnology in diagnosis and disease control with a focus on COVID-19 and future perspectives. **2023**, 269-283 ○
- 62 A SURVEY OF AI IMAGING TECHNIQUES FOR COVID-19 DIAGNOSIS AND PROGNOSIS. **2021**, 17, 40-55 1
- 61 Implementation and Comparison of U-net networks for Automatic COVID-19 Lung Infection Segmentation. **2022**, ○
- 60 P2P-COVID-GAN. **2022**, 735-755 ○
- 59 Application of Machine Learning and Deep Learning Techniques for COVID-19 Screening Using Radiological Imaging: A Comprehensive Review. **2023**, 4, ○
- 58 A SINGLE-CENTRE RETROSPECTIVE AND OBSERVATIONAL INVESTIGATION ON THE MANIFESTATIONS OF COVID-19 ON CHEST HRCT IN THE POPULATION OF ANDHRA PRADESH, INDIA. **2022**, 47-53 ○
- 57 Impact of Prone Position in COVID-19 Patients on Extracorporeal Membrane Oxygenation*. **2023**, 51, 36-46 1
- 56 Undiagnosed Long COVID-19 in China Among Non-vaccinated Individuals: Identifying Persistent Symptoms and Impacts on Patients' Health-Related Quality of Life. **2022**, 12, 560-571 ○
- 55 Additional value of chest CT AI-based quantification of lung involvement in predicting death and ICU admission for COVID-19 patients. **2022**, 4, 100018 ○
- 54 The Hidden Pandemic of COVID-19-Induced Organizing Pneumonia. **2022**, 15, 1574 1
- 53 Lung volumetry correlates with P/F ratio and inflammatory biomarkers in COVID-19 patients. **2022**, 61, ○
- 52 Pulmonary fibrosis in patients with COVID-19: A review. **2022**, 94, 1333-1339 ○

51	A Tri-light Warning System for Hospitalized COVID-19 Patients: Credibility-based Risk Stratification under Data Shift.	0
50	Management of Emergency and Elective Oncological Surgeries at a Tertiary General Surgery Clinic in COVID-19 Pandemic. 2022 , 32, 384-392	0
49	Pulmonary function test results and radiological findings 90-120 days after COVID-19 pneumonia: a single-center retrospective study. 2022 , 16, 1-8	0
48	Cystic Changes in COVID-19 is not an Uncommon Entity: A Case Series. 2022 , 64, 216-219	0
47	MMViT-Seg: A Lightweight Transformer and CNN Fusion Network for COVID-19 Segmentation. 2023 , 107348	0
46	Use of almitrine in spontaneously breathing patients with COVID-19 treated with high-flow nasal cannula oxygen therapy and with persistent hypoxemia. 2023 , 24,	0
45	Are the thorax Computed Tomography findings OF ICU patients diagnosed with COVID-19 pneumonia related to the duration of hospital stay and mortality?. 2023 ,	0
44	COVID-19 and hepatic injury: Diversity and risk assessment. 29, 425-449	0
43	An Integrated Radiologic-Pathologic Understanding of COVID-19 Pneumonia.	1
42	Towards an ML-Based Semantic IoT for Pandemic Management: A Survey of Enabling Technologies for COVID-19. 2023 ,	1
41	Correlation of ferritin with the duration of illness, disease severity, oxygenation status, ventilatory requirement, and lung fibrosis in COVID-19 pneumonia: A single-center experience of 1000 cases in tertiary care setting in India. 1-8	0
40	LÉions pulmonaires cavitaires post-COVID-19. 2023 , 15, 102-103	0
39	Institutional strategies to maintain and grow imaging research during the COVID-19 pandemic. 2023 ,	0
38	Utilisation of deep learning for COVID-19 diagnosis. 2023 , 78, 150-157	1
37	Off-Shelf Deep Learning Architectures as Feature Extractor in CT COVID-19 Classification. 2022 ,	0
36	COVID-19: Radiologic Diagnosis. 2023 , 61-100	0
35	Can Chest CT be the first-line diagnostic test in COVID-19? A cross-sectional study.	0
34	Transforming Retail Markets Through IoT and AI-Enabled Architecture to Identify COVID-19 Shoppers. 2022 , 166-182	0

- 33 Light Weighted Model Based on Convolutional Neural Network for Detection of COVID-19 Using Chest X-Ray Images. **2022**, 123-132 ○
- 32 Severity Tomographic Score as a Predictor of Mortality in Patients With Covid-19 Pneumonia From a Third-level Hospital in Peru. ○
- 31 Pleural Effusion in COVID-19 Pneumonia: Clinical and Prognostic Implications An Observational, Retrospective Study. **2023**, 12, 1049 ○
- 30 What is common to MDA5 and COVID-19?. **2023**, 369-374 ○
- 29 A joint segmentation and classification framework for COVID-19 infection segmentation and detection from chest CT images. ○
- 28 Smart IoMT-based segmentation of coronavirus infections using lung CT scans. **2023**, 69, 571-583 1
- 27 Classification of COVID-19 from community-acquired pneumonia: Boosting the performance with capsule network and maximum intensity projection image of CT scans. **2023**, 154, 106567 ○
- 26 Quality of Thorax CT Scan Images among Covid-19 Cases using Variations of Filter. **2022**, 20, 251-259 ○
- 25 Stratification of COVID-19 Severity Using SeptiCyte RAPID, a Novel Host Immune Response Test. **2023**, 15, 419 ○
- 24 Concurrent lung adenocarcinoma hidden among multiple shadows of COVID -19 pneumonia: A rare and instructive case report. **2023**, 11, ○
- 23 Comparison of Initial Thorax CT Images of COVID-19 Patients with Non-Variant, Alpha, Delta and Omicron Variants: A Retrospective Study. ○
- 22 Hybrid feature engineering of medical data via variational autoencoders with triplet loss: a COVID-19 prognosis study. **2023**, 13, ○
- 21 Parental COVID-19 Vaccine Hesitancy for Children and Its Influencing Factors: A Riyadh-Based Cross-Sectional Study. **2023**, 11, 518 ○
- 20 Lung tropism in hospitalized patients following infection with SARS-CoV-2 variants from D614G to Omicron BA.2. **2023**, 3, ○
- 19 Association of Chest Computed Tomography Severity Score with Oxygen Requirement D-dimer CRP and Comorbidities in Patients with COVID-19 Infection. **2023**, 7, 39-43 ○
- 18 Computed tomographyBased COVID19 triage through a deep neural network using maskWeighted global average pooling. 13, ○
- 17 Deep learning-based technique for lesions segmentation in CT scan images for COVID-19 prediction. ○
- 16 New insights for infection mechanism and potential targets of COVID-19: Three Chinese patent medicines and three Chinese medicine formulas as promising therapeutic approaches. **2023**, ○

- 15 Prognostic value of cellular population data in patients with COVID-19. **2023**, 38, 101207
- 14 CHEST CT SCORE IN COVID-19 PATIENTS: THE RELATIONSHIP BETWEEN NEUTROPHIL-LYMPHOCYTE RATIO, MONOCYTE, LACTATE DEHYDROGENASE, ALBUMIN AND FERRITIN.
- 13 COVID-19 imaging, where do we go from here? Bibliometric analysis of medical imaging in COVID-19. **2023**, 33, 3133-3143
- 12 Time dependency and unique etiology of barotrauma in COVID-19: A retrospective cohort study with landmark analysis and pathological approach. **2023**, 18, e0282868
- 11 DIAGNOSTIC ACCURACIES OF HRCT CHEST IN COMPARISON WITH RT-PCR IN DIAGNOSIS OF CORONAVIRUS DISEASE (COVID-19) IN A TERTIARY CARE HOSPITAL.. **2023**, 73-74
- 10 Association of radiological severity with inflammatory biomarkers for prognostic prediction in patients with COVID-19.
- 9 Predictive Value of Pulmonary Involvement Score and Clinical Parameters for Severe COVID-19: A Nomogram-Based Approach in Emergency Department.
- 8 Atypical Immunologic Manifestations of COVID-19: a Case Report and Narrative Review. **2023**, 5,
- 7 Fractal Analysis in Pulmonary CT Images of COVID-19-Infected Patients. **2023**, 7, 285
- 6 A Review of Crucial Radiological Investigations in the Management of COVID-19 Cases. **2023**,
- 5 Clinical Profile and Risk Factors for Severe COVID-19 in Hospitalized Patients from Rio de Janeiro, Brazil: Comparison between the First and Second Pandemic Waves. **2023**, 12, 2568
- 4 Is COVID-19 over in India? A review based on current evidence. **2023**, 9, 5
- 3 Lung lesion in a patient with systemic lupus erythematosus. **2023**, 101, 147-155
- 2 A CT-Based Radiomics Model for Prediction of Prognosis in Patients with Novel Coronavirus Disease (COVID-19) Pneumonia: A Preliminary Study. **2023**, 13, 1479
- 1 Comparative study of CT-scan modality with MRI modality findings in patients suspected of COVID-19. **2023**, 54,