CITATION REPORT List of articles citing

A Novel Transfer Learning Based Approach for Pneumonia Detection in Chest X-ray Images

DOI: 10.3390/app10020559 Applied Sciences (Switzerland), 2020, 10, 559.

Source: https://exaly.com/paper-pdf/77442398/citation-report.pdf

Version: 2024-04-28

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

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

#	Paper	IF	Citations
336	Impact of Endoplasmic Reticulum Stress Sensors on Pectolinarin Induced Apoptosis. 2020 , 8, 478		1
335	Artificial Intelligence-Based Classification of Chest X-Ray Images into COVID-19 and Other Infectious Diseases. 2020 , 2020, 8889023		37
334	Floor of log: a novel intelligent algorithm for 3D lung segmentation in computer tomography images. 2020 , 1		1
333	Multimodal medical image fusion algorithm in the era of big data. 2020 , 1		25
332	. 2020 , 8, 132665-132676		431
331	A Novel Method for Detection of Tuberculosis in Chest Radiographs Using Artificial Ecosystem-Based Optimisation of Deep Neural Network Features. 2020 , 12, 1146		48
330	Convolutional capsnet: A novel artificial neural network approach to detect COVID-19 disease from X-ray images using capsule networks. 2020 , 140, 110122		121
329	Accuracy of deep learning for automated detection of pneumonia using chest X-Ray images: A systematic review and meta-analysis. 2020 , 123, 103898		17
328	Chest X-Ray Investigation: A Convolutional Neural Network Approach. 2020 , 45, 57-70		8
327	Rapid COVID-19 diagnosis using ensemble deep transfer learning models from chest radiographic images. 2020 , 1-13		48
326	Multimodal Brain Tumor Classification Using Deep Learning and Robust Feature Selection: A Machine Learning Application for Radiologists. 2020 , 10,		108
325	A Deep-Learning-Based Framework for Automated Diagnosis of COVID-19 Using X-ray Images. 2020 , 11, 419		20
324	Improvement of Heterogeneous Transfer Learning Efficiency by Using Hebbian Learning Principle. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5631	2.6	8
323	Multi-Channel Transfer Learning of Chest X-ray Images for Screening of COVID-19. 2020 , 9, 1388		32
322	Chest X-Ray Abnormality Detection Based on SqueezeNet. 2020 ,		2
321	COVID-19 Mortality Rate Prediction for India Using Statistical Neural Network Models. 2020 , 8, 441		42
320	Deep-Pneumonia Framework Using Deep Learning Models Based on Chest X-Ray Images. 2020 , 10,		24

319	Fast COVID-19 and Pneumonia Classification Using Chest X-ray Images. 2020 , 8, 1423		13
318	Discerning COVID-19 from mycoplasma and viral pneumonia on CT images via deep learning. 2020 ,		2
317	Deep Convolutional Approaches for the Analysis of COVID-19 Using Chest X-Ray Images From Portable Devices. 2020 , 8, 195594-195607		27
316	A Novel Deep Learning Approach for Classification of COVID-19 Images. 2020 ,		8
315	A Survey of Deep Learning for Lung Disease Detection on Medical Images: State-of-the-Art, Taxonomy, Issues and Future Directions. 2020 , 6,		14
314	COVID-19 detection using deep learning models to exploit Social Mimic Optimization and structured chest X-ray images using fuzzy color and stacking approaches. 2020 , 121, 103805		241
313	Transfer Learning with Deep Convolutional Neural Network (CNN) for Pneumonia Detection Using Chest X-ray. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3233	2.6	116
312	Efficient Pneumonia Detection in Chest Xray Images Using Deep Transfer Learning. 2020 , 10,		73
311	A Novel Method to Identify Pneumonia through Analyzing Chest Radiographs Employing a Multichannel Convolutional Neural Network. 2020 , 20,		15
310	CovXNet: A multi-dilation convolutional neural network for automatic COVID-19 and other pneumonia detection from chest X-ray images with transferable multi-receptive feature optimization. 2020 , 122, 103869		170
309	New machine learning method for image-based diagnosis of COVID-19. 2020 , 15, e0235187		153
308	Hybrid deep learning for detecting lung diseases from X-ray images. 2020 , 20, 100391		76
307	A Transfer Learning Method for Pneumonia Classification and Visualization. <i>Applied Sciences</i> (Switzerland), 2020 , 10, 2908	2.6	26
306	Within the Lack of Chest COVID-19 X-ray Dataset: A Novel Detection Model Based on GAN and Deep Transfer Learning. 2020 , 12, 651		206
305	Detection of pneumonia in chest X-ray images by using 2D discrete wavelet feature extraction with random forest. 2021 , 31, 82-93		4
304	Learning distinctive filters for COVID-19 detection from chest X-ray using shuffled residual CNN. 2021 , 99, 106744		33
303	Automated diagnosis of COVID-19 with limited posteroanterior chest X-ray images using fine-tuned deep neural networks. 2020 , 51, 1-14		60
302	Automated detection of COVID-19 using ensemble of transfer learning with deep convolutional neural network based on CT scans. 2021 , 16, 115-123		46

301	Attention-based VGG-16 model for COVID-19 chest X-ray image classification. 2020, 51, 1-14	61
300	Application of deep learning techniques for detection of COVID-19 cases using chest X-ray images: A comprehensive study. 2021 , 64, 102365	109
299	An Efficient Pneumonia Detection from the Chest X-Ray Images. 2021 , 779-789	0
298	Improved Classification for Pneumonia Detection using Transfer Learning with GAN based Synthetic Image Augmentation. 2021 ,	6
297	Intelligent Pneumonia Identification From Chest X-Rays: A Systematic Literature Review. 2021 , 9, 51747-5177	'16
296	Forecast and prediction of COVID-19 using machine learning. 2021 , 381-397	6
295	Maximum a Posteriori Despeckling Algorithm of Synthetic Aperture Radar Images with Exponential Prior Distribution. 2021 , 410-418	
294	Clinical Decision Support Systems for Pneumonia Diagnosis Using Gradient-Weighted Class Activation Mapping and Convolutional Neural Networks. 2021 , 81-92	O
293	Feature Extraction of Coronavirus X-Ray Images by RNN, Correlational Networks, and PNN. 2021 , 239-255	
292	Pneumonia Detection Using X-ray Images and Deep Learning. 2021 , 141-152	1
291	An ensemble approach for multi-stage transfer learning models for COVID-19 detection from chest CT scans. 2021 , 5, 100027	9
290	Exploiting Shared Knowledge From Non-COVID Lesions for Annotation-Efficient COVID-19 CT Lung Infection Segmentation. 2021 , 25, 4152-4162	2
289	Automatic Evaluation of the Lung Condition of COVID-19 Patients Using X-ray Images and Convolutional Neural Networks. 2021 , 11,	8
288	Deep Learning Applications for COVID-19 Analysis: A State-of-the-Art Survey. 2021 , 129, 65-98	O
287	PGGAN-Based Anomaly Classification on Chest X-Ray Using Weighted Multi-Scale Similarity. 2021 , 9, 113315-113325	2
286	Multi-Disease Prediction Based on Deep Learning: A Survey. 2021 , 128, 489-522	71
285	Hybrid computer-aided classification system design using lightweight end-to-end Pre-trained CNN-based deep feature extraction and PCA-SVM classifier for chest radiographs. 2021 , 197-204	1
284	Advanced Meta-Heuristics, Convolutional Neural Networks, and Feature Selectors for Efficient COVID-19 X-Ray Chest Image Classification. 2021 , 9, 36019-36037	19

283	A Study of the Neutrosophic Set Significance on Deep Transfer Learning Models: an Experimental Case on a Limited COVID-19 Chest X-ray Dataset. 2021 , 1-10	7
282	Hybrid computer-aided classification system design using end-to-end Pre-trained CNN-based deep feature extraction and PCA-SVM classifier for chest radiographs. 2021 , 157-166	
281	Modeling the progression of COVID-19 deaths using Kalman Filter and AutoML. 2021, 1-16	4
280	Deep Learning Based Classification of Brain Tumor Types from MRI Scans. 2021 , 425-454	1
279	Orthonormal Bayesian Convolutional Neural Network for Detection of the Novel Coronavirus-19. 2021 , 819-836	2
278	Detection of Anterior Cruciate Ligament Tear Using Deep Learning and Machine Learning Techniques. 2021 , 9-22	1
277	Hybrid computer-aided classification system design using lightweight end-to-end Pre-trained CNN-based deep feature extraction and ANFC-LH classifier for chest radiographs. 2021 , 185-196	
276	Hybrid computer-aided classification system design using end-to-end CNN-based deep feature extraction and ANFC-LH classifier for chest radiographs. 2021 , 141-156	
275	Automatic Detection of COVID-19 Using a Stacked Denoising Convolutional Autoencoder. 2021 , 69, 3259-327	'4 0
274	Deep Ensemble Model for Classification of Novel Coronavirus in Chest X-Ray Images. 2021 , 2021, 8890226	11
273	Evaluation of deep learning-based approaches for COVID-19 classification based on chest X-ray images. 2021 , 15, 1-8	15
272	Smart access development for classifying lung disease with chest x-ray images using deep learning. 2021 , 47, 76-79	O
271	Design ensemble deep learning model for pneumonia disease classification. 2021 , 10, 1-14	8
270	Detection of Pneumonia with a Novel CNN-based Approach. 26-34	3
269	An Intelligent and Energy-Efficient Wireless Body Area Network to Control Coronavirus Outbreak. 2021 , 46, 1-20	5
268	A Pneumonia Diagnosis Scheme Based on Hybrid Features Extracted from Chest Radiographs Using an Ensemble Learning Algorithm. 2021 , 2021, 8862089	9
267	Deep learning approaches for COVID-19 detection based on chest X-ray images. 2021 , 164, 114054	199
266	Automated detection of pneumoconiosis with multilevel deep features learned from chest X-Ray radiographs. 2021 , 129, 104125	5

Machine learning for precision medicine forecasts and challenges when incorporating non omics and omics data. **2021**, 15, 69-85

264	Pneumonia Detection Using Image Processing And Deep Learning. 2021,	O
263	An intelligent unsupervised technique for fraud detection in health care systems. 2021 , 15, 127-139	2
262	A new approach for the detection of pneumonia in children using CXR images based on an real-time IoT system. 2021 , 18, 1-16	5
261	Customized VGG19 Architecture for Pneumonia Detection in Chest X-Rays. 2021 , 143, 67-74	34
260	Automatic COVID-19 detection from X-ray images using ensemble learning with convolutional neural network. 2021 , 24, 1111-1124	34
259	Metaheuristic-based Deep COVID-19 Screening Model from Chest X-Ray Images. 2021 , 2021, 8829829	39
258	BioSignal modelling for prediction of cardiac diseases using intra group selection method. 2021 , 15, 151-160	3
257	Review of deep learning: concepts, CNN architectures, challenges, applications, future directions. 2021 , 8, 53	348
256	Artificial Intelligence Applied to Chest X-ray for Differential Diagnosis of COVID-19 Pneumonia. 2021 , 11,	2
255	Deep learning-based model for breast cancer histopathology image classification. 2021,	O
254	NanoChest-Net: A Simple Convolutional Network for Radiological Studies Classification. 2021 , 11,	1
253	Special Issue on Signal Processing and Machine Learning for Biomedical Data. <i>Applied Sciences</i> (Switzerland), 2021 , 11, 3399	O
252	Medical image-based detection of COVID-19 using Deep Convolution Neural Networks. 2021 , 1-10	32
251	A Lightweight Deep Learning-Based Pneumonia Detection Approach for Energy-Efficient Medical Systems. 2021 , 2021, 1-14	3
250	A novel augmented deep transfer learning for classification of COVID-19 and other thoracic diseases from X-rays. 2021 , 1-12	7
249	IoT-cloud based healthcare model for COVID-19 detection: an enhanced k-Nearest Neighbour classifier based approach. 1	10
248	Improvement of Xception-ResNet50V2 Concatenation for COVID-19 Detection on Chest X-Ray Images. 2021 ,	O

(2021-2021)

247	Does non-COVID-19 lung lesion help? investigating transferability in COVID-19 CT image segmentation. 2021 , 202, 106004	21
246	Study protocol and design for the assessment of paediatric pneumonia from X-ray images using deep learning. 2021 , 11, e044461	2
245	Derin Eenme Tekniklerini Kullanarak Akciër X-Ray GEBtEerinden COVID-19 Tespiti. 149-156	3
244	A deep learning algorithm to detect coronavirus (COVID-19) disease using CT images. 2021 , 7, e345	2
243	Convolutional neural network for diagnosis of viral pneumonia and COVID-19 alike diseases. 2021 , e12705	2
242	Transfer Learning to Detect COVID-19 Automatically from X-Ray Images Using Convolutional Neural Networks. 2021 , 2021, 8828404	22
241	Deep learning and evolutionary intelligence with fusion-based feature extraction for detection of COVID-19 from chest X-ray images. 2021 , 1-13	7
240	Detection of respiratory diseases from chest XI ays using Nesterov accelerated adaptive moment estimation. 2021 , 176, 109153	O
239	Simple hemogram to support the decision-making of COVID-19 diagnosis using clusters analysis with self-organizing maps neural network. 2021 , 1-12	4
238	Attention Based Residual Network for Effective Detection of COVID-19 and Viral Pneumonia. 2021,	2
237	Artificial Neural Network-Based Deep Learning Model for COVID-19 Patient Detection Using X-Ray Chest Images. 2021 , 2021, 5513679	10
236	New bag of deep visual words based features to classify chest x-ray images for COVID-19 diagnosis. 2021 , 9, 24	11
235	Comparing Stacking Ensemble Techniques to Improve Musculoskeletal Fracture Image Classification. 2021 , 7, 100	2
234	Developing an efficient deep neural network for automatic detection of COVID-19 using chest X-ray images. 2021 , 60, 2885-2903	15
233	An Overview of Deep Learning Techniques on Chest X-Ray and CT Scan Identification of COVID-19. 2021 , 2021, 5528144	14
232	Detection of pneumonia using Deep Learning. 2021,	
231	Real-Time Application for Covid-19 Class Detection based CNN Architecture. 2021 ,	О
230	COVID-19 Classification using DCNNs and Exploration Correlation using Canonical Correlation Analysis. 2021 ,	

229	Energy-Efficient and Secure IoT architecture based on a Wireless Sensor Network Using Machine Learning to Predict Mortality Risk of patients with CoVID-19. 2021 ,	0
228	A smart ontology-based IoT framework for remote patient monitoring. 2021 , 68, 102717	15
227	Automated Tuberculosis Detection Using Pre-Trained CNN and SVM. 2021,	3
226	A novel and efficient deep learning approach for COVID-19 detection using X-ray imaging modality. 2021 , 31, 1775	5
225	Deep learning model for distinguishing novel coronavirus from other chest related infections in X-ray images. 2021 , 134, 104401	7
224	Deep-Learning based Automated Detection of Pneumonia in Chest Radiographs. 2021,	1
223	Multi-Label Transfer Learning for Identifying Lung Diseases using Chest X-Rays. 2021,	1
222	A Transfer Learning Based Approach for Lung Inflammation Detection. 2022 , 29-36	
221	A Novel Deep Convolutional Neural Network Based on ResNet-18 and Transfer Learning for Detection of Wood Knot Defects. 2021 , 2021, 1-16	5
220	Healthcare 4.0: An Insight of Architecture, Security Requirements, Pillars and Applications. 2021 , 103-129	4
219	Deep neural networks for COVID-19 detection and diagnosis using images and acoustic-based techniques: a recent review. 2021 , 1-18	10
218	A Domain-Independent Ontology Learning Method Based on Transfer Learning. 2021 , 10, 1911	1
217	Learning to Automatically Diagnose Multiple Diseases in Pediatric Chest Radiographs Using Deep Convolutional Neural Networks.	0
216	On the Use of Deep Learning for Imaging-Based COVID-19 Detection Using Chest X-rays. 2021 , 21,	1
215	Fusion of convolutional neural networks based on DempsterBhafer theory for automatic pneumonia detection from chest X-ray images.	6
214	Pneumonia detection in chest X-ray images using compound scaled deep learning model. 2021 , 62, 397-406	1
213	A deep learning based approach for automatic detection of COVID-19 cases using chest X-ray images. 2022 , 71, 103182	23
212	A Crop Image Segmentation and Extraction Algorithm Based on Mask RCNN. 2021 , 23,	6

211	Deep learning on compressed sensing measurements in pneumonia detection.	1
210	Contralaterally Enhanced Networks for Thoracic Disease Detection. 2021 , 40, 2428-2438	3
209	Diagnosis of Pediatric Pneumonia with Ensemble of Deep Convolutional Neural Networks in Chest X-Ray Images. 2021 , 1-17	3
208	An optimal cascaded recurrent neural network for intelligent COVID-19 detection using Chest X-ray images. 2021 , 113, 107878	8
207	An Optimized CNN Model Architecture for Detecting Coronavirus (COVID-19) with X-Ray Images. 2022 , 40, 375-388	1
206	Hybridizing Convolutional Neural Network for Classification of Lung diseases. 2022 , 13, 0-0	1
205	Optimized Convolutional Neural Network for Automatic Detection of COVID-19. 2022, 70, 1159-1175	2
204	Deep Optimal VGG16 Based COVID-19 Diagnosis Model. 2022 , 70, 43-58	2
203	Efficient ensemble for image-based identification of Pneumonia utilizing deep CNN and SGD with warm restarts. 2022 , 187, 115834	1
202	COVID-19 detection from chest X-rays using transfer learning with deep convolutional neural networks. 2021 , 255-273	1
201	Interpretable Pneumonia Detection by Combining Deep Learning and Explainable Models With Multisource Data. 2021 , 9, 95872-95883	2
200	Threshold and Segmentation-Based X-ray Imaging Analysis for Covid-19 Detection. 2021 , 11-15	
199	Application of Artificial Intelligence (AI) for the Effective Screening of COVID-19. 2021 , 53-70	
198	Diagnosis of COVID-19 using artificial intelligence based model. 2021 , 1734, 012007	
197	Covid4HPC: A Fast and Accurate Solution for Covid Detection in the Cloud Using X-Rays. 2021 , 327-336	
196	The Efforts of Deep Learning Approaches for Breast Cancer Detection Based on X-Ray Images. 2021 , 290-309	
195	IoT Enabled Technology in Secured Healthcare: Applications, Challenges and Future Directions. 2021 , 25-48	24
194	A Comparative Analysis of Image Denoising Problem: Noise Models, Denoising Filters and Applications. 2021 , 49-66	4

193	Sample-Efficient Deep Learning for COVID-19 Diagnosis Based on CT Scans.	93
192	Classification of COVID-19 from Chest X-ray images using Deep Convolutional Neural Networks.	46
191	COVIDPEN: A Novel COVID-19 Detection Model using Chest X-Rays and CT Scans.	12
190	Intelligent Pneumonia Identification from Chest X-Rays: A Systematic Literature Review.	4
189	Classification of COVID-19 from Chest X-ray images using Deep Convolutional Neural Network. 2020 ,	17
188	Covid-19 Chest Radiography Images Analysis Based on Integration of Image Preprocess, Guided Grad-CAM, Machine Learning and Risk Management. 2020 ,	4
187	Hybrid classical-quantum convolutional neural network for stenosis detection in X-ray coronary angiography. 2021 , 189, 116112	3
186	Pneumonia image classification based on convolutional neural network. 2021 ,	
185	X-ray Imagining Based Pneumonia Classification using Deep Learning and Adaptive Clip Limit based CLAHE Algorithm. 2020 ,	0
184	Detection of Pneumonia with a Novel CNN-based Approach.	
183	COVID-19 Detection from Chest X-ray Scans using Machine Learning. 2020 ,	3
182	. 2021 , 1-1	5
181	Multi-diseases Classification from Chest-X-ray: A Federated Deep Learning Approach. 2020, 3-15	2
180	An Effective Convolutional Neural Network Model for the Early Detection of COVID-19 Using Chest X-ray Images. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10301	
179	An optimized fuzzy ensemble of convolutional neural networks for detecting tuberculosis from Chest X-ray images. 2022 , 114, 108094	4
178	Learning to Automatically Diagnose Multiple Diseases in Pediatric Chest Radiographs Using Deep Convolutional Neural Networks. 2021 ,	2
177	An Efficient Detection of Pneumonia by Deep Learning Techniques. 2021,	
176	PneumoniaNet: Automated Detection and Classification of Pediatric Pneumonia Using Chest X-ray Images and CNN Approach. 2021 , 10, 2949	5

175	An Approach to Early Diagnosis of Pneumonia on Individual Radiographs based on the CNN Information Technology. 2021 , 14, 93-107	2
174	An Expert System for COVID-19 Infection Tracking in Lungs Using Image Processing and Deep Learning Techniques. 2021 , 2021, 1896762	9
173	Application of Rotating Machinery Fault Diagnosis Based on Deep Learning. 2021, 2021, 1-30	1
172	Transfer learning techniques for medical image analysis: A review. 2022 , 42, 79-107	6
171	Deep Learning Model to Predict Pneumonia Disease based on Observed Patterns in Lung X-rays. 2020 ,	О
170	Chest X-Ray Image Analysis to Augment the Decision Making in Diagnosing Pneumonia using Convolutional Neural Networks Algorithm. 2020 ,	
169	Forecasting the lung diseases from Rediography scans with hybrid Transfer Learning Techniques.	
168	Pixel-level Road Pavement Defects Segmentation Based on Various Loss Functions. 2021,	О
167	Deep DenseNet and ResNet Approach for COVID-19 Prognosis: Experiments on Real CT Images. 2022 , 731-747	О
166	Pneumonia Detection Using Deep Transfer Learning in Gender Specific Chest X-ray Images. 2021 ,	О
165	A hybrid approach of Deep Learning Algorithms for Identification of COVID-19 disease using Chest X-Ray Images. 2021 ,	
164	COVID-19 detection using chest X-ray images based on a developed deep neural network 2021 ,	2
163	Multi-Channel Based Image Processing Scheme for Pneumonia Identification 2022, 12,	3
162	Detecting COVID-19 Status Using Chest X-ray Images and Symptoms Analysis by Own Developed Mathematical Model: A Model Development and Analysis Approach. 2022 , 2, 117-137	О
161	Transfer Learning Based Approach for Pneumonia Detection Using Customized VGG16 Deep Learning Model. 2022 , 17-28	1
160	Early diagnosis of COVID-19 patients using deep learning-based deep forest model. 1-11	2
159	Application of Transfer Learning with CNNs for Pneumonia Detection in Chest X-rays. 2022, 263-283	О
158	Novel Privacy Preserving Non-Invasive Sensing-Based Diagnoses of Pneumonia Disease Leveraging Deep Network Model 2022 , 22,	1

157	A SVM Based Model for COVID Detection Using CXR Image. 2022, 368-381	O
156	Diagnosis of hypercritical chronic pulmonary disorders using dense convolutional network through chest radiography 2022 , 1-25	1
155	COV-ECGNET: COVID-19 detection using ECG trace images with deep convolutional neural network 2022 , 10, 1	10
154	A three-stage ensemble boosted convolutional neural network for classification and analysis of COVID-19 chest x-ray images. 2022 , 3, 35-45	O
153	Analysis and Detection of COVID-19 Using Various CNN Models. 2022 , 165-179	
152	Generative Adversarial Networks for Data Augmentation in X-Ray Medical Imaging. 2022 , 341-355	1
151	Towards using cough for respiratory disease diagnosis by leveraging Artificial Intelligence: A survey. 2022 , 29, 100832	1
150	PCXRNet: Pneumonia diagnosis from Chest X-Ray Images using Condense attention block and Multiconvolution attention block 2022 , PP,	1
149	VEntNet: Hybrid deep convolutional neural network model for automated multi-class categorization of chest X-rays.	
148	A cognitive framework based on deep neural network for classification of coronavirus disease 2022 , 1-15	
147	Deep features to detect pulmonary abnormalities in chest X-rays due to infectious diseaseX: Covid-19, pneumonia, and tuberculosis. 2022 , 592, 389-401	8
146	Performance Analysis of Convolutional Neural Network Architectures for the Identification of COVID-19 from Chest X-ray Images. 2022 ,	О
145	Diagnosis and Medicine Prediction for COVID-19 Using Machine Learning Approach. 2022 , 123-133	
144	FarkliDptimizasyon AlgoritmaliKonvolByonel Sinir AlModeli ile Narenciye Hastalldar ll ll Slillandllmasll	
143	Deep learning-based hybrid models for prediction of COVID-19 using chest X-ray. 2022 , 1-20	O
142	A Smart Healthcare System Based on Classifier DenseNet 121 Model to Detect Multiple Diseases. 2022 , 297-312	О
141	Pneumonia Identification from Chest X-rays (CXR) Using Ensemble Deep Learning Approach. 2022 , 1139-1151	1
140	A comparison of hybrid deep learning models for pneumonia diagnosis from chest radiograms. 2022 , 100167	2

139	A cad system design based on HybridMultiscale convolutional Mantaray network for pneumonia diagnosis 2022 , 81, 1-25		
138	A deep learning-based framework for detecting COVID-19 patients using chest X-rays 2022 , 1-19		2
137	Trends of using machine learning for detection and classification of respiratory diseases: Investigation and analysis. 2022 ,		1
136	Automatic detection of pneumonia in chest X-ray images using textural features 2022, 145, 105466		1
135	A cost-sensitive deep learning-based meta-classifier for pediatric pneumonia classification using chest X-rays.		1
134	Transfer learning for medical images analyses: A survey. 2022 , 489, 230-254		5
133	Shallow Neural Networks beat Deep Neural Networks trained with transfer learning: A Use Case based on training Neural Networks to identify Covid-19 in chest X-ray images. 2021 ,		
132	An Overview on Covid19 Detection Algorithm Using Deep Learning. 2021 ,		1
131	Explainable Deep Learning Models on the Diagnosis of Pneumonia. 2021,		O
130	Fusion of multi-scale bag of deep visual words features of chest X-ray images to detect COVID-19 infection 2021 , 11, 23914		11
129	A Comparative Study of Deep Learning Algorithms for Identification of COVID-19 Disease Using Chest X-Ray Images. 2022 , 165-172		
128	A Proposed Hybrid Algorithm for detecting COVID-19 Patients. 44-63		
127	Detecting Pneumonia using Vision Transformer and comparing with other techniques. 2021,		0
126	Viral Pneumonia Detection Using Modified GoogleNet Through Lung X-rays. 2021 ,		O
125	Automated Diagnosis of Childhood Pneumonia in Chest Radiographs Using Modified Densely Residual Bottleneck-Layer Features. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11461	2.6	
124	CNN Based COVID-19 Prediction from Chest X-ray Images. 2021 ,		2
123	Design of Multimodal Fusion-Based Deep Learning Approach for COVID-19 Diagnosis Using Chest X-Ray Images. 2022 , 73-90		
122	EKMELIRETÜ IALIAR VE TRANSFER RENMIKULLANILARAK GE X-RAY GRNTLERNDEN COVID-19 TESPILIZERNE BR DERLEME. 2022 , 10, 328-340		

121	A Principal Neighborhood Aggregation-Based Graph Convolutional Network for Pneumonia Detection 2022 , 22,		1
120	Pediatric chest radiograph interpretation: how far has artificial intelligence come? A systematic literature review 2022 , 1		О
119	Detection of Covid-19 from chest X-ray scans using machine learning. 2022 ,		O
118	IncepX-Ensemble: Performance Enhancement Based on Data Augmentation and Hybrid Learning for Recycling Transparent PET Bottles. 2022 , 1-1		
117	Pneumonia Recognition by Deep Learning: A Comparative Investigation. <i>Applied Sciences</i> (Switzerland), 2022 , 12, 4334	2.6	0
116	TL-Med: A two-stage transfer learning recognition model for medical images of COVID-19 2022 ,		1
115	Classification of pneumonia using pre-trained convolutional networks on chest X-Ray images. 5378-539	0	
114	Using a Convolutional Neural Network as Feature Extractor for Different Machine Learning Classifiers to Diagnose Pneumonia. 2022 , 5, 48-61		
113	Model Establishment of Cross-Disease Course Prediction Using Transfer Learning. <i>Applied Sciences</i> (Switzerland), 2022 , 12, 4907	2.6	
112	A novel fusion based convolutional neural network approach for classification of COVID-19 from chest X-ray images 2022 , 77, 103778		3
111	A practical Deep Learning approach to assist COVID-19 detection based on Chest X-ray images. 2021 ,		
110	Convolutional Neural Network-Based Approach to Detect COVID-19 from Chest X-Ray Images. 2022 , 231-245		O
109	A deep learning-based approach for diagnosing COVID-19 on chest x-ray images, and a test study with clinical experts.		0
108	COVID-19 Detection Using Chest X-rays: CNN as a Classifier Versus CNN as a Feature Extractor. 2022 , 259-272		
107	Blockchain-based Secure Medical Data Management and Disease Prediction. 2022,		1
106	MLPA-Net: A Novel Lightweight Multi-Channel Attention Convolutional Network for COVID-19 Image Classification Based on Chest X-Ray.		
105	Deep learning model for detection of COVID-19 utilizing the chest X-ray images. 2022 , 9,		1
104	An effective detection of COVID-19 using adaptive dual-stage horse herd bidirectional long short-term memory framework.		O

103	Multivariate Time Series Deep Spatiotemporal Forecasting with Graph Neural Network. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 5731	2.6	1
102	Transfer Learning for Chest X-rays Diagnosis Using Dipper Throated?lgorithm. 2022 , 73, 2371-2387		О
101	Pneumonia Detection Proposing a Hybrid Deep Convolutional Neural Network Based on Two Parallel Visual Geometry Group Architectures and Machine Learning Classifiers. 2022 , 10, 62110-62128		0
100	Pneumonia Detection on Chest X-ray Images Using Ensemble of Deep Convolutional Neural Networks. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 6448	2.6	2
99	Analysis of Ensemble Learning for Chest X-Ray Images. 2022 , 41-50		О
98	Efficient Diagnosis of Covid19 by Employing Deep Transfer Learning on Pretrained VGG and ResidualNet Architectures. 2022 ,		
97	Development of Pneumonia Disease Detection Model Based on Deep Learning Algorithm. 2022 , 2022, 1-10		1
96	A systematic comparison of transfer learning models for COVID-19 prediction. 2022 , 1-18		
95	Medical Image Classification Using Transfer Learning and Chaos Game Optimization on the Internet of Medical Things. 2022 , 2022, 1-22		1
94	Neural architecture search for pneumonia diagnosis from chest X-rays. 2022 , 12,		O
93	Multi-Modal Data Analysis for Pneumonia Status Prediction Using Deep Learning (MDA-PSP). 2022 , 12, 1706		
92	Integrating patient symptoms, clinical readings, and radiologist feedback with computer-aided diagnosis system for detection of infectious pulmonary disease: a feasibility study.		
91	Analyzing Transfer Learning of Vision Transformers for Interpreting Chest Radiography.		1
90	Classification of COVID-19 from tuberculosis and pneumonia using deep learning techniques.		1
89	Chest X-ray analysis empowered with deep learning: A systematic review. 2022 , 109319		2
88	Computational Intelligence-Based Method for Automated Identification of COVID-19 and Pneumonia by Utilizing CXR Scans. 2022 , 2022, 1-12		
87	Covid-19 detection from radiographs by feature-reinforced ensemble learning.		0
86	A multichannel EfficientNet deep learning-based stacking ensemble approach for lung disease detection using chest X-ray images.		O

A Smart Healthcare System based on Concatenation of ResNet50V2 and Xception Model for Detecting Pneumonia from Medical Images. **2022**,

84	Pulmonary inflammation region detection algorithms based on deep learning: a review. 4, 273-279	
83	Classifying Lung Cancer as Benign and Malignant Nodule Using ANN of Back-Propagation Algorithm and GLCM Feature Extraction on Chest X-Ray Images.	1
82	Defect Shape Classification Using Transfer Learning in Deep Convolutional Neural Network on Magneto-Optical Nondestructive Inspection. 2022 , 12, 7613	0
81	Ensemble of Deep Neural Networks based on Condorcet® Jury Theorem for screening Covid-19 and Pneumonia from radiograph images. 2022 , 105979	0
80	Deep Learning-Aided Automated Pneumonia Detection and Classification Using CXR Scans. 2022 , 2022, 1-19	O
79	A Small Sample Recognition Model for Poisonous and Edible Mushrooms based on Graph Convolutional Neural Network. 2022 , 2022, 1-11	
78	Detection of Pneumonia Using Machine Learning and Deep Learning Techniques. 2022 , 33-55	O
77	Framework for Classification of Chest X-Rays into Normal/COVID-19 Using Brownian-Mayfly-Algorithm Selected Hybrid Features. 2022 , 2022, 1-13	
76	Classification of Cataract Disease with a DenseNet201 Based Deep Learning Model. 1264-1276	O
75	Detection and Visualisation of Pneumoconiosis Using an Ensemble of Multi-Dimensional Deep Features Learned from Chest X-rays. 2022 , 19, 11193	0
74	A Hybrid Explainable Ensemble Transformer Encoder for Pneumonia Identification from Chest X-ray Images. 2022 ,	2
73	Computer-assisted lung diseases detection from pediatric chest radiography using long short-term memory networks. 2022 , 103, 108402	O
72	Improving the Generalization of Deep Learning Classification Models in Medical Imaging Using Transfer Learning and Generative Adversarial Networks. 2022 , 218-235	O
71	Medical Image Analysis Using Machine Learning and Deep Learning: A Comprehensive Review. 2022 , 147-161	0
70	A New Childhood Pneumonia Diagnosis Method Based on Fine-Grained Convolutional Neural Network. 2022 , 133, 873-894	O
69	A new technique for Pneumonia infected patients image recognition based on combination algorithm of smooth generalized pinball SVM and VAEs. 2022 , 1-1	1
68	Computer-Aided Tuberculosis Diagnosis with Attribute Reasoning Assistance. 2022 , 623-633	Ο

67	AUTOMATED SYSTEM OF LUNG DISEASE DIAGNOSIS ON X-RAY IMAGES. 2022, 59,	O
66	A Deep Learning Framework for the Classification of Lung Diseases Using Chest X-Ray Images. 2022 , 328-339	O
65	Deep Learning Based Pneumonia Infection Classification in Chest X-ray Images Using Convolutional Neural Network Model. 2022 , 273-283	0
64	ChestX-Ray6: Prediction of multiple diseases including COVID-19 from chest X-ray images using convolutional neural network. 2023 , 211, 118576	O
63	Textural features for automatic detection and categorisation of pneumonia in chest X-ray images. 2022 ,	О
62	The Efforts of Deep Learning Approaches for Breast Cancer Detection Based on X-Ray Images. 2022 , 289-308	Ο
61	MobApp4InfectiousDisease: Classify COVID-19, Pneumonia, and Tuberculosis. 2022,	1
60	A deep learning approach for classification of COVID and pneumonia using DenseNet -201.	Ο
59	AHA-AO: Artificial Hummingbird Algorithm with Aquila Optimization for Efficient Feature Selection in Medical Image Classification. 2022 , 12, 9710	0
58	Analysis of CT scan images for COVID-19 pneumonia based on a deep ensemble framework with DenseNet, Swin transformer, and RegNet. 13,	O
57	Improving Pneumonia Classification and Lesion Detection Using Spatial Attention Superposition and Multilayer Feature Fusion. 2022 , 11, 3102	1
56	CDC_Net: multi-classification convolutional neural network model for detection of COVID-19, pneumothorax, pneumonia, lung Cancer, and tuberculosis using chest X-rays.	1
55	SVM on Top of Deep Networks for Covid-19 Detection from Chest X-ray Images. 2022 , 20, 219-225	O
54	Tuberculosis Detection in Chest Radiographs Using Spotted Hyena Algorithm Optimized Deep and Handcrafted Features. 2022 , 2022, 1-12	1
53	Comparative of classification algorithm: Decision tree, SVM, and KNN for heart diseases prediction. 2022 ,	O
52	An Efficient AI model for identification and classification of pneumonia from chest x-ray images. 2022 ,	O
51	Process Monitoring for New Mode with Limited Data in Multimode Processes Based on Transfer Component Analysis. 2022 ,	О
50	Pediatric pneumonia diagnosis using stacked ensemble learning on multi-model deep CNN architectures.	Ο

49	Detection and Classification of COVID-19 by Radiological Imaging Modalities Using Deep Learning Techniques: A Literature Review. 2022 , 12, 10535	o
48	COVID-19 Detection from Chest X-rays Using Trained Output Based Transfer Learning Approach.	o
47	LCSB-inception: Reliable and effective light-chroma separated branches for Covid-19 detection from chest X-ray images. 2022 , 150, 106195	O
46	A systematic review of transfer learning-based approaches for diabetic retinopathy detection.	О
45	Automatic Detection of Pneumonia using Concatenated Convolutional Neural Network.	0
44	DenseNet-based Transfer Learning for LV Shape Classification: Introducing a Novel Information Fusion and Data Augmentation using Statistical Shape/Color Modeling. 2022 , 119261	О
43	Chest X-ray disease diagnosis method based on YOLO model and pseudo color conversion. 2022,	0
42	Adaptive Image Preprocessing and Augmentation for Tuberculosis Screening on Out-of-Domain Chest X-Ray Dataset. 2022 , 10, 132144-132152	О
41	Pneumonia Detection using Ensemble Transfer Learning. 2022,	0
40	Automated Lung-Related Pneumonia and COVID-19 Detection Based on Novel Feature Extraction Framework and Vision Transformer Approaches Using Chest X-ray Images. 2022 , 9, 709	2
39	Empirical Evaluation of Deep Learning Models with Local Binary Pattern for COVID-19 Detection. 2023 , 421-431	0
38	Stacked ensemble learning based on deep convolutional neural networks for pediatric pneumonia diagnosis using chest X-ray images.	o
37	Patient Prediction Through Convolutional Neural Networks. 2022 , 19, 52-56	0
36	An effective model for the detection of pneumonia from chest X-ray images using inner residual inception.	o
35	Pneumonia Detection using Ensemble of Modified ViT-YOLO Models. 2022,	0
34	Feasibility Study on Browser-Based Federated Machine Learning (FML) Architecture for Medical Application. 2022 ,	O
33	Dynamic Selection Classification for Chest X-Ray Images. 2022,	0
32	Gaussian Mixture with Max Expectation Guide for Stacked Architecture of Denoising Autoencoder and DRBM for Medical Chest Scans and Disease Identification. 2023 , 12, 105	o

31	An Efficient Deep Learning Method for Detection of COVID-19 Infection Using Chest X-ray Images. 2023 , 13, 131	2
30	A Portable Executable Clinical Decision Support Tool for Pneumonia Classification using Average Probability on an Ensemble Model. 2023 , 218, 1591-1600	O
29	A Texture Feature Removal Network for Sonar Image Classification and Detection. 2023, 15, 616	О
28	Medical Internet of Things for Classification of Pathological ECG Beats Based on Fractional Fourier Transform and Hyperparameter Tuning. 2022 ,	O
27	COVID-19 diagnosis: A comprehensive review of pre-trained deep learning models based on feature extraction algorithm. 2023 , 18, 101020	O
26	Application of the convolutional neural networks and supervised deep-learning methods for osteosarcoma bone cancer detection. 2023 , 3, 100153	O
25	MDEV Model: A Novel Ensemble-Based Transfer Learning Approach for Pneumonia Classification Using CXR Images. 2023 , 46, 287-302	O
24	Improving the Segmentation Accuracy of Ovarian-Tumor Ultrasound Images Using Image Inpainting. 2023 , 10, 184	O
23	In Search of an Efficient and Reliable Deep Learning Model for Identification of COVID-19 Infection from Chest X-ray Images. 2023 , 13, 574	1
22	SecureFed: federated learning empowered medical imaging technique to analyze lung abnormalities in chest X-rays.	O
21	Application of Deep Learning Techniques for Pneumonia Detection Using Chest X-Ray Images. 2023 , 185-200	O
20	Pneumonia Detection Through X-Ray Images Using Convolution Neural Network. 2023 , 201-218	O
19	Comparative Analysis using Transfer Learning Models VGG16, Resnet 50 and Xception to Predict Pneumonia. 2022 ,	0
18	Deep Learning Algorithms with LIME and Similarity Distance Analysis on COVID-19 Chest X-ray Dataset. 2023 , 20, 4330	O
17	Tuberculosis chest X-ray detection using CNN-based hybrid segmentation and classification approach. 2023 , 84, 104667	0
16	Dual deterministic model based on deep neural network for the classification of pneumonia. 2023, 1-14	O
15	Deep learning-based technique for lesions segmentation in CT scan images for COVID-19 prediction.	O
14	Deep Learning in COVID-19 Diagnosis, Prognosis and Treatment Selection. 2023 , 11, 1279	O

13	Derin Benme ile GB REitgeni GEEtlerinden COVID-19 ve Viral PnEnoni Tespiti. 2023 , 23, 89-100	0
12	B2-Net: an artificial intelligence powered machine learning framework for the classification of pneumonia in chest x-ray images. 2023 , 4, 015036	O
11	A New Classification Method for COVID-19 CT Images Based on Transfer Learning and Attention Mechanism. 2022 ,	0
10	Wavelet and Neural Network-Based Multipath Detection for Precise Positioning Systems. 2023 , 11, 1400	O
9	A Systematic Review of Transformer-Based Pre-Trained Language Models through Self-Supervised Learning. 2023 , 14, 187	0
8	CITRUS DISEASE CLASSIFICATION WITH TRANSFER LEARNING AND CNN BASED MODELS. 2023 , 26, 43-56	О
7	A Systematic Review on Federated Learning in Medical Image Analysis. 2023 , 11, 28628-28644	0
6	Automated Pneumonia Detection using deep features in chest X-ray images. 2023,	О
5	Pneumonia Detection in Chest X-Ray Images by using Resnet-50 Deep Learning Algorithm. 2023,	0
4	Being Bayesian in the 2020s: opportunities and challenges in the practice of modern applied Bayesian statistics. 2023 , 381,	1
3	A Novel Fusion Model of Hand-Crafted Features with Deep Convolutional Neural Networks for Classification of Several Chest Diseases using X-ray Images. 2023 , 1-1	0
2	The Early Detection of Autism Within Children Through Facial Recognition; A Deep Transfer Learning Approach. 2022 ,	O
1	Parametrized pre-trained network (PPNet): A novel shape classification method using SPHARMs for MI detection. 2023 , 228, 120368	0