

Pranav Rajpurkar

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

5,456
citations

471509

17
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

6006
citing authors

#	ARTICLE	IF	CITATIONS
1	CheXED. Journal of Thoracic Imaging, 2022, 37, 162-167.	1.5	4
2	AI in health and medicine. Nature Medicine, 2022, 28, 31-38.	30.7	638
3	CheXternal. , 2021, , .		6
4	VisualCheXbert. , 2021, , .		11
5	CheXtransfer. , 2021, , .		48
6	DLBCL-Morph: Morphological features computed using deep learning for an annotated digital DLBCL image set. Scientific Data, 2021, 8, 135.	5.3	11
7	Automated coronary calcium scoring using deep learning with multicenter external validation. Npj Digital Medicine, 2021, 4, 88.	10.9	59
8	Development and Validation of an Artificial Intelligence System to Optimize Clinician Review of Patient Records. JAMA Network Open, 2021, 4, e2117391.	5.9	17
9	Improving hospital readmission prediction using individualized utility analysis. Journal of Biomedical Informatics, 2021, 119, 103826.	4.3	10
10	Nasopharyngeal metabolomics and machine learning approach for the diagnosis of influenza. EBioMedicine, 2021, 71, 103546.	6.1	16
11	CheXaid: deep learning assistance for physician diagnosis of tuberculosis using chest x-rays in patients with HIV. Npj Digital Medicine, 2020, 3, 115.	10.9	69
12	Evaluation of a Machine Learning Model Based on Pretreatment Symptoms and Electroencephalographic Features to Predict Outcomes of Antidepressant Treatment in Adults With Depression. JAMA Network Open, 2020, 3, e206653.	5.9	43
13	Incorporating machine learning and social determinants of health indicators into prospective risk adjustment for health plan payments. BMC Public Health, 2020, 20, 608.	2.9	27
14	PENetâ€”a scalable deep-learning model for automated diagnosis of pulmonary embolism using volumetric CT imaging. Npj Digital Medicine, 2020, 3, 61.	10.9	72
15	Impact of a deep learning assistant on the histopathologic classification of liver cancer. Npj Digital Medicine, 2020, 3, 23.	10.9	156
16	AppendixNet: Deep Learning for Diagnosis of Appendicitis from A Small Dataset of CT Exams Using Video Pretraining. Scientific Reports, 2020, 10, 3958.	3.3	60
17	Combining Automatic Labelers and Expert Annotations for Accurate Radiology Report Labeling Using BERT. , 2020, , .		59
18	CheXpert: A Large Chest Radiograph Dataset with Uncertainty Labels and Expert Comparison. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 590-597.	4.9	954

#	ARTICLE	IF	CITATIONS
19	Deep Learning- Assisted Diagnosis of Cerebral Aneurysms Using the HeadXNet Model. JAMA Network Open, 2019, 2, e195600.	5.9	163
20	Clinical Value of Predicting Individual Treatment Effects for Intensive Blood Pressure Therapy. Circulation: Cardiovascular Quality and Outcomes, 2019, 12, e005010.	2.2	33
21	Human-machine partnership with artificial intelligence for chest radiograph diagnosis. Npj Digital Medicine, 2019, 2, 111.	10.9	94
22	Automated abnormality detection in lower extremity radiographs using deep learning. Nature Machine Intelligence, 2019, 1, 578-583.	16.0	47
23	Cardiologist-level arrhythmia detection and classification in ambulatory electrocardiograms using a deep neural network. Nature Medicine, 2019, 25, 65-69.	30.7	1,633
24	Deep-learning-assisted diagnosis for knee magnetic resonance imaging: Development and retrospective validation of MRNet. PLoS Medicine, 2018, 15, e1002699.	8.4	409
25	Deep learning for chest radiograph diagnosis: A retrospective comparison of the CheXNeXt algorithm to practicing radiologists. PLoS Medicine, 2018, 15, e1002686.	8.4	773