Greg S Corrado

List of Publications by Year
in descending order

27 papers	11,056 citations	304602 22 h-index	552653 26 g-index
27 all docs	27 docs citations	27 times ranked	13688 citing authors

#	Article	IF	Citations
1	Predicting the risk of developing diabetic retinopathy using deep learning. The Lancet Digital Health, 2021, 3, e10-e19.	5.9	127
2	Development and Assessment of an Artificial Intelligenceâ€“Based Tool for Skin Condition Diagnosis by Primary Care Physicians and Nurse Practitioners in Teledermatology Practices. JAMA Network Open, 2021, 4, e217249.	2.8	61
3	Detection of elusive polyps using a large-scale artificial intelligence system (with videos). Gastrointestinal Endoscopy, 2021, 94, 1099-1109.e10.	0.5	21
4	Early social distancing policies in Europe, changes in mobility & COVID-19 case trajectories: Insights from Spring 2020. PLoS ONE, 2021, 16, e0253071.	1.1	38
5	Deep learning for distinguishing normal versus abnormal chest radiographs and generalization to two unseen diseases tuberculosis and COVID-19. Scientific Reports, 2021, 11, 15523.	1.6	22
6	Detection of anaemia from retinal fundus images via deep learning. Nature Biomedical Engineering, 2020, 4, 18-27.	11.6	130
7	International evaluation of an AI system for breast cancer screening. Nature, 2020, 577, 89-94.	13.7	1,458
8	Chest Radiograph Interpretation with Deep Learning Models: Assessment with Radiologist-adjudicated Reference Standards and Population-adjusted Evaluation. Radiology, 2020, 294, 421-431.	3.6	167
9	Reply to: Transparency and reproducibility in artificial intelligence. Nature, 2020, 586, E17-E18.	13.7	13
10	Detecting Deficient Coverage in Colonoscopies. IEEE Transactions on Medical Imaging, 2020, 39, 3451-3462.	5.4	45
11	Evaluation of the Use of Combined Artificial Intelligence and Pathologist Assessment to Review and Grade Prostate Biopsies. JAMA Network Open, 2020, 3, e2023267.	2.8	56
12	Development and Validation of a Deep Learning Algorithm for Gleason Grading of Prostate Cancer From Biopsy Specimens. JAMA Oncology, 2020, 6, 1372.	3.4	119
13	A deep learning system for differential diagnosis of skin diseases. Nature Medicine, 2020, 26, 900-908.	15.2	356
14	An augmented reality microscope with real-time artificial intelligence integration for cancer diagnosis. Nature Medicine, 2019, 25, 1453-1457.	15.2	179
15	End-to-end lung cancer screening with three-dimensional deep learning on low-dose chest computed tomography. Nature Medicine, 2019, 25, 954-961.	15.2	1,122
16	Remote Tool-Based Adjudication for Grading Diabetic Retinopathy. Translational Vision Science and Technology, 2019, 8, 40.	1.1	17
17	A guide to deep learning in healthcare. Nature Medicine, 2019, 25, 24-29.	15.2	1,906
18	Prediction of cardiovascular risk factors from retinal fundus photographs via deep learning. Nature Biomedical Engineering, 2018, 2, 158-164.	11.6	1,114

#	Article	IF	Citations
19	Grader Variability and the Importance of Reference Standards for Evaluating Machine Learning Models for Diabetic Retinopathy. Ophthalmology, 2018, 125, 1264-1272.	2.5	347
20	Ensuring Fairness in Machine Learning to Advance Health Equity. Annals of Internal Medicine, 2018, 169, 866.	2.0	441
21	Googleâ€™s Multilingual Neural Machine Translation System: Enabling Zero-Shot Translation. Transactions of the Association for Computational Linguistics, 2017, 5, 339-351.	3.2	678
22	Three Controversial Hypotheses Concerning Computation in the Primate Cortex. Proceedings of the AAAI Conference on Artificial Intelligence, 2012, 26, 1543-1549.	3.6	0
23	Stimulus onset quenches neural variability: a widespread cortical phenomenon. Nature Neuroscience, 2010, 13, 369-378.	7.1	907
24	Understanding Neural Coding through the Model-Based Analysis of Decision Making: Figure 1.. Journal of Neuroscience, 2007, 27, 8178-8180.	1.7	81
25	Choosing the greater of two goods: neural currencies for valuation and decision making. Nature Reviews Neuroscience, 2005, 6, 363-375.	4.9	511
26	LINEAR-NONLINEAR-POISSON MODELS OF PRIMATE CHOICE DYNAMICS. Journal of the Experimental Analysis of Behavior, 2005, 84, 581-617.	0.8	188
27	Matching Behavior and the Representation of Value in the Parietal Cortex. Science, 2004, 304, 1782-1787.	6.0	952