Varun Buch

List of Publications by Year
in descending order

10 papers	540 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	398 citing authors

#	Article	IF	Citations
1	Federated learning for predicting clinical outcomes in patients with COVID-19. Nature Medicine, 2021, 27, 1735-1743.	30.7	300
2	Technology and mental health: The role of artificial intelligence. European Psychiatry, 2019, 55, 1-3.	0.2	72
3	Deep metric learning-based image retrieval system for chest radiograph and its clinical applications in COVID-19. Medical Image Analysis, 2021, 70, 101993.	11.6	46
4	Severity and Consolidation Quantification of COVID-19 From CT Images Using Deep Learning Based on Hybrid Weak Labels. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 3529-3538.	6.3	31
5	A multi-center study of COVID-19 patient prognosis using deep learning-based CT image analysis and electronic health records. European Journal of Radiology, 2021, 139, 109583.	2.6	26
6	Artificial intelligence in diabetes care. Diabetic Medicine, 2018, 35, 495-497.	2.3	25
7	DeepAAA: Clinically Applicable and Generalizable Detection of Abdominal Aortic Aneurysm Using Deep Learning. Lecture Notes in Computer Science, 2019, , 723-731.	1.3	13
8	Key considerations for the use of artificial intelligence in healthcare and clinical research. Future Healthcare Journal, 2022, 9, 75-78.	1.4	13
9	Multicenter Assessment of CT Pneumonia Analysis Prototype for Predicting Disease Severity and Patient Outcome. Journal of Digital Imaging, 2021, 34, 320-329.	2.9	11
10	The Price of a 15-Year Delay in Diagnosis of Sheehan's Syndrome. Baylor University Medical Center Proceedings, 2016, 29, 212-213.	0.5	3