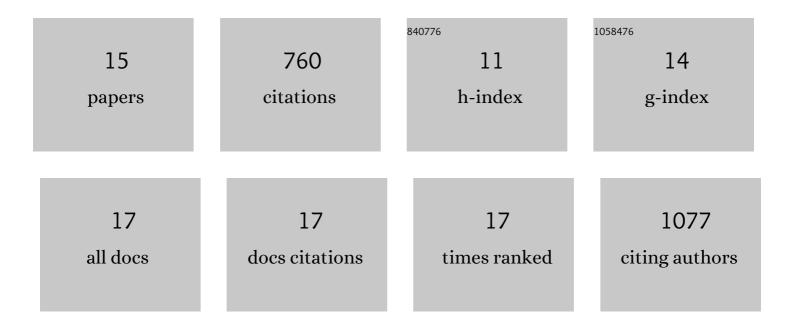
Ahmed M Alaa

List of Publications by Year in descending order

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ΔΗΜΕΟ Μ ΔΙΛΛ

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Cardiovascular disease risk prediction using automated machine learning: A prospective study of 423,604 UK Biobank participants. PLoS ONE, 2019, 14, e0213653. | 2.5 | 301 |
| 2 | How artificial intelligence and machine learning can help healthcare systems respond to COVID-19. Machine Learning, 2021, 110, 1-14. | 5.4 | 102 |
| 3 | From Realâ€World Patient Data to Individualized Treatment Effects Using Machine Learning: Current and Future Methods to Address Underlying Challenges. Clinical Pharmacology and Therapeutics, 2021, 109, 87-100. | 4.7 | 86 |
| 4 | Application of a novel machine learning framework for predicting non-metastatic prostate cancer-specific mortality in men using the Surveillance, Epidemiology, and End Results (SEER) database. The Lancet Digital Health, 2021, 3, e158-e165. | 12.3 | 56 |
| 5 | Prognostication and Risk Factors for Cystic Fibrosis via Automated Machine Learning. Scientific Reports, 2018, 8, 11242. | 3.3 | 47 |
| 6 | Between-centre differences for COVID-19 ICU mortality from early data in England. Intensive Care Medicine, 2020, 46, 1779-1780. | 8.2 | 41 |
| 7 | Personalized Risk Scoring for Critical Care Prognosis Using Mixtures of Gaussian Processes. IEEE Transactions on Biomedical Engineering, 2018, 65, 207-218. | 4.2 | 38 |
| 8 | CPAS: the UK's national machine learning-based hospital capacity planning system for COVID-19. Machine Learning, 2021, 110, 15-35. | 5.4 | 23 |
| 9 | Machine learning to guide the use of adjuvant therapies for breast cancer. Nature Machine Intelligence, 2021, 3, 716-726. | 16.0 | 21 |
| 10 | Bayesian Nonparametric Causal Inference: Information Rates and Learning Algorithms. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1031-1046. | 10.8 | 12 |
| 11 | A Micro-Foundation of Social Capital in Evolving Social Networks. IEEE Transactions on Network Science and Engineering, 2018, 5, 14-31. | 6.4 | 11 |
| 12 | Achievable Degrees of Freedom of the <inline-formula> <tex-math notation="LaTeX">\$K\$ </tex-math </inline-formula> -User SISO Interference Channel With Blind Interference Alignment Using Staggered Antenna Switching. IEEE Transactions on Vehicular Technology, 2017, 66, 2825-2829. | 6.3 | 8 |
| 13 | The Value of Patient and Tumor Factors in Predicting Preoperative Breast MRI Outcomes. Radiology Imaging Cancer, 2020, 2, e190099. | 1.6 | 6 |
| 14 | Opportunistic Beamforming Using Dumb Basis Patterns in Cognitive Multiple Access Channels. IEEE Transactions on Vehicular Technology, 2018, 67, 1417-1427. | 6.3 | 2 |
| 15 | Defeating the Eavesdropper: On the Achievable Secrecy Capacity Using Reconfigurable Antennas. Wireless Personal Communications, 2016, 91, 729-738. | 2.7 | 0 |