

# Bilal Akhter Mateen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9299531/publications.pdf>

Version: 2024-02-01

29  
papers

1,102  
citations

687363

13  
h-index

580821

25  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning and artificial intelligence research for patient benefit: 20 critical questions on transparency, replicability, ethics, and effectiveness. <i>BMJ, The</i> , 2020, 368, l6927.	6.0	219
2	Improving Survival of Critical Care Patients With Coronavirus Disease 2019 in England: A National Cohort Study, March to June 2020*. <i>Critical Care Medicine</i> , 2021, 49, 209-214.	0.9	162
3	Type 2 Diabetes and COVID-19-Related Mortality in the Critical Care Setting: A National Cohort Study in England, March-July 2020. <i>Diabetes Care</i> , 2021, 44, 50-57.	8.6	139
4	Reporting guideline for the early-stage clinical evaluation of decision support systems driven by artificial intelligence: DECIDE-AI. <i>Nature Medicine</i> , 2022, 28, 924-933.	30.7	125
5	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. <i>BMJ Open</i> , 2021, 11, e047709.	1.9	102
6	Digital Health Management During and Beyond the COVID-19 Pandemic: Opportunities, Barriers, and Recommendations. <i>JMIR Mental Health</i> , 2020, 7, e19246.	3.3	57
7	Improving the quality of machine learning in health applications and clinical research. <i>Nature Machine Intelligence</i> , 2020, 2, 554-556.	16.0	45
8	Hospital bed capacity and usage across secondary healthcare providers in England during the first wave of the COVID-19 pandemic: a descriptive analysis. <i>BMJ Open</i> , 2021, 11, e042945.	1.9	29
9	The association between mechanical ventilator compatible bed occupancy and mortality risk in intensive care patients with COVID-19: a national retrospective cohort study. <i>BMC Medicine</i> , 2021, 19, 213.	5.5	28
10	DNA Methylation: Basic Biology and Application to Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2379-2388.	3.4	20
11	The disproportionate excess mortality risk of COVID-19 in younger people with diabetes warrants vaccination prioritisation. <i>Diabetologia</i> , 2021, 64, 1184-1186.	6.3	18
12	Trends in 28-Day Mortality of Critical Care Patients With Coronavirus Disease 2019 in the United Kingdom: A National Cohort Study, March 2020 to January 2021*. <i>Critical Care Medicine</i> , 2021, 49, 1895-1900.	0.9	18
13	The Trail Making test: a study of its ability to predict falls in the acute neurological in-patient population. <i>Clinical Rehabilitation</i> , 2018, 32, 1396-1405.	2.2	17
14	Azathioprine with Allopurinol Is a Promising First-Line Therapy for Inflammatory Bowel Diseases. <i>Digestive Diseases and Sciences</i> , 2022, 67, 4008-4019.	2.3	14
15	Systematic Review of Health-Related Work Outcome Measures and Quality Criteria-Based Evaluations of Their Psychometric Properties. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 534-560.	0.9	13
16	Developing vocational rehabilitation services for people with long-term neurological conditions: Identifying facilitators and barriers to service provision. <i>British Journal of Occupational Therapy</i> , 2019, 82, 337-347.	0.9	9
17	A semi-supervised approach for rapidly creating clinical biomarker phenotypes in the UK Biobank using different primary care EHR and clinical terminology systems. <i>JAMIA Open</i> , 2021, 3, 545-556.	2.0	8
18	Electronic Health Records to Predict Gestational Diabetes Risk. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 301-304.	8.7	7

#	ARTICLE	IF	CITATIONS
19	We need to talk about the lack of investment in digital research infrastructure. <i>Nature Computational Science</i> , 2021, 1, 169-171.	8.0	6
20	Diabetes and COVID-19 Related Mortality in the Critical Care Setting: A Real-Time National Cohort Study in England. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
21	Improving insights into health care with data linkage to financial technology. <i>The Lancet Digital Health</i> , 2019, 1, e110-e112.	12.3	4
22	All I Want for Christmas isâ€¦   Rigorous Validation of Predictive Models to Prevent Hasty Generalisations. <i>Significance</i> , 2019, 16, 20-24.	0.4	4
23	A national retrospective study of the association between serious operational problems and COVID-19 specific intensive care mortality risk. <i>PLoS ONE</i> , 2021, 16, e0255377.	2.5	3
24	Falling in the elderly; a clarification of results. <i>European Journal of Internal Medicine</i> , 2017, 37, e13.	2.2	2
25	Rasch analysis of the upper-limb subscale of the stroke rehabilitation assessment of movement (STREAM) tool in an acute stroke cohort Rasch analysis of the upper-limb subscale of the STREAM tool in an acute stroke population. <i>Topics in Stroke Rehabilitation</i> , 2019, 26, 24-31.	1.9	2
26	Diarrhoea and preadmission antibiotic exposure in COVID-19: a retrospective cohort study of 1153 hospitalised patients. <i>BMJ Open Gastroenterology</i> , 2021, 8, e000593.	2.7	1
27	The role of impulsivity in neurorehabilitation: A prospective cohort study of a potential cognitive biomarker for fall risk?. <i>Journal of Neuropsychology</i> , 2021, 15, 379-395.	1.4	1
28	The sink or SWIM hypothesis; a roadmap from pathology to work instability. <i>Disability and Rehabilitation</i> , 2018, 40, 1092-1098.	1.8	0
29	Psychometric analysis of the Glasgow Coma Scale and its sub-scale scores in a national retrospective cohort of patients with traumatic injuries. <i>PLoS ONE</i> , 2022, 17, e0268527.	2.5	0