Ziad Obermeyer

List of Publications by Citations

54 papers	4,469 citations	27 h-index	58 g-index
58 ext. papers	6,102 ext. citations	15.4 avg, IF	6.59 L-index

#	Paper	IF	Citations
54	Predicting the Future - Big Data, Machine Learning, and Clinical Medicine. *New England Journal of Medicine*, **2016**, 375, 1216-9	59.2	1201
53	Dissecting racial bias in an algorithm used to manage the health of populations. *Science*, **2019**, 366, 447-453	33.3	879
52	Coverage of cervical cancer screening in 57 countries: low average levels and large inequalities. *PLoS Medicine*, **2008**, 5, e132	11.6	349
51	Prediction Policy Problems. *American Economic Review*, **2015**, 105, 491-495	9.7	201
50	Association between the Medicare hospice benefit and health care utilization and costs for patients with poor-prognosis cancer. *JAMA - Journal of the American Medical Association*, **2014**, 312, 1888-96	27.4	193
49	Contributions of risk factors and medical care to cardiovascular mortality trends. *Nature Reviews Cardiology*, **2015**, 12, 508-30	14.8	163
48	Cause-specific risk of hospital admission related to extreme heat in older adults. *JAMA - Journal of the American Medical Association*, **2014**, 312, 2659-67	27.4	146
47	Emergency care in 59 low- and middle-income countries: a systematic review. *Bulletin of the World Health Organization*, **2015**, 93, 577-586G	8.2	138
46	Lost in Thought - The Limits of the Human Mind and the Future of Medicine. *New England Journal of Medicine*, **2017**, 377, 1209-1211	59.2	108
45	Minimum information about clinical artificial intelligence modeling: the MI-CLAIM checklist. *Nature Medicine*, **2020**, 26, 1320-1324	50.5	87
44	Regulation of predictive analytics in medicine. *Science*, **2019**, 363, 810-812	33.3	77
43	Development and Application of a Machine Learning Approach to Assess Short-term Mortality Risk Among Patients With Cancer Starting Chemotherapy. *JAMA Network Open*, **2018**, 1, e180926	10.4	67
42	Measuring adult mortality using sibling survival: a new analytical method and new results for 44 countries, 1974-2006. *PLoS Medicine*, **2010**, 7, e1000260	11.6	66
41	Frequency of ED revisits and death among older adults after a fall. *American Journal of Emergency Medicine*, **2015**, 33, 1012-8	2.9	65
40	Predictive modeling of U.S. health care spending in late life. *Science*, **2018**, 360, 1462-1465	33.3	65
39	Individual differences in normal body temperature: longitudinal big data analysis of patient records. *BMJ, The*, **2017**, 359, j5468	5.9	60
38	Does Machine Learning Automate Moral Hazard and Error?. *American Economic Review*, **2017**, 107, 476-480	37	57

37	Has the DOTS strategy improved case finding or treatment success? An empirical assessment. *PLoS ONE*, **2008**, 3, e1721	3.7	57
36	Acute myocardial infarction hospital admissions and deaths in England: a national follow-back and follow-forward record-linkage study. *Lancet Public Health, The*, **2017**, 2, e191-e201	22.4	52
35	Burden of emergency conditions and emergency care usage: new estimates from 40 countries. *Emergency Medicine Journal*, **2016**, 33, 794-800	1.5	45
34	An algorithmic approach to reducing unexplained pain disparities in underserved populations. *Nature Medicine*, **2021**, 27, 136-140	50.5	42
33	Estimating 1-Year Mortality for High-Risk Primary Care Patients Using the "Surprise" Question. *JAMA Internal Medicine*, **2016**, 176, 1863-1865	11.5	41
32	The Emergency Care of Patients With Cancer: Setting the Research Agenda. *Annals of Emergency Medicine*, **2016**, 68, 706-711	2.1	39
31	The Case for Algorithmic Stewardship for Artificial Intelligence and Machine Learning Technologies. *JAMA - Journal of the American Medical Association*, **2020**, 324, 1397-1398	27.4	37
30	Identification of Emergency Department Visits in Medicare Administrative Claims: Approaches and Implications. *Academic Emergency Medicine*, **2017**, 24, 422-431	3.4	31
29	Making recording and analysis of chief complaint a priority for global emergency care research in low-income countries. *Academic Emergency Medicine*, **2013**, 20, 1241-5	3.4	31
28	Short-term Mortality Prediction for Elderly Patients Using Medicare Claims Data. *International Journal of Machine Learning and Computing*, **2015**, 5, 192-197	1.8	31
27	The "Surprise Question" Asked of Emergency Physicians May Predict 12-Month Mortality among Older Emergency Department Patients. *Journal of Palliative Medicine*, **2018**, 21, 236-240	2.2	22
26	Research priorities for data collection and management within global acute and emergency care systems. *Academic Emergency Medicine*, **2013**, 20, 1246-50	3.4	18
25	Emergency Care Use and the Medicare Hospice Benefit for Individuals with Cancer with a Poor Prognosis. *Journal of the American Geriatrics Society*, **2016**, 64, 323-9	5.6	18
24	Allocation of COVID-19 Relief Funding to Disproportionately Black Counties. *JAMA - Journal of the American Medical Association*, **2020**, 324, 1000-1003	27.4	15
23	Data Resource Profile: Regional healthcare information platform in Halland, Sweden. *International Journal of Epidemiology*, **2020**, 49, 738-739f	7.8	7
22	Association of Clinical Characteristics With Variation in Emergency Physician Preferences for Patients. *JAMA Network Open*, **2020**, 3, e1919607	10.4	7
21	Early death after emergency department discharge in patients with psychiatric illness. *American Journal of Emergency Medicine*, **2017**, 35, 784-786	2.9	6
20	Cost savings associated with expanded hospice use in Medicare. *Journal of Palliative Medicine*, **2015**, 18, 400-1	2.2	6

19	Characteristics and determinants of high-risk unscheduled return visits to the emergency department. *Emergency Medicine Journal*, **2020**, 37, 79-84	1.5	6
18	Developing metrics for emergency care research in low- and middle-income countries. *African Journal of Emergency Medicine*, **2016**, 6, 116-124	1.3	6
17	Prioritizing Primary Care Patients for a Communication Intervention Using the "Surprise Question": a Prospective Cohort Study. *Journal of General Internal Medicine*, **2019**, 34, 1467-1474	4	5
16	Artificial intelligence, bias, and patients\Vperspectives. *Lancet, The*, **2021**, 397, 2038	40	5
15	Priorities to Overcome Barriers Impacting Data Science Application in Emergency Care Research. *Academic Emergency Medicine*, **2019**, 26, 97-105	3.4	3
14	Bipedicle flap for wounds following achilles tendon repair. *Plastic and Reconstructive Surgery*, **2008**, 121, 235e-236e	2.7	3
13	On the Inequity of Predicting A While Hoping for B. *AEA Papers and Proceedings American Economic Association*, **2021**, 111, 37-42	1.6	3
12	Short-term Outcomes for Medicare Beneficiaries After Low-acuity Visits to Emergency Departments and Clinics. *Medical Care*, **2016**, 54, 498-503	3.1	3
11	Eczema herpeticum. *Journal of Emergency Medicine*, **2012**, 43, e341-2	1.5	2
10	The Potential For Bias In Machine Learning And Opportunities For Health Insurers To Address It.. *Health Affairs*, **2022**, 41, 212-218	7	2
9	Altered mental status and hypothermia. *Journal of Emergency Medicine*, **2010**, 39, 491-6	1.5	1
8	Diagnosing Physician Error: A Machine Learning Approach to Low-Value Health Care. *Quarterly Journal of Economics*, **2022**, 137, 679-727	15.1	1
7	Solving medicine\V data bottleneck: Nightingale Open Science.. *Nature Medicine*, **2022**, 28, 897-899	50.5	1
6	Algorithmic Stewardship in Health Care-Reply. *JAMA - Journal of the American Medical Association*, **2021**, 325, 588-589	27.4	0
5	Variation in common laboratory test results caused by ambient temperature.. *Med*, **2021**, 2, 1314-1326.e2	31.7	0
4	Is less more, or is it less? The growing evidence on high-intensity hospital care. *Emergency Medicine Journal*, **2017**, 34, 698-699	1.5	
3	A Comparison of Patient History- and EKG-based Cardiac Risk Scores. *AMIA Summits on Translational Science Proceedings*, **2019**, 2019, 82-91	1.1	
2	A machine learning approach to predicting short-term mortality risk for patients starting chemotherapy.. *Journal of Clinical Oncology*, **2017**, 35, 6538-6538	2.2	

List of Publications

1 Overuse and Underuse of Health Care: New Insights From Economics and Machine Learning. *JAMA Health Forum*, **2022**, 3, e220428 2