Colin G Walsh

List of Publications by Year in Descending Order

50 papers	1,015 citations	15 h-index	31 g-index
53 ext. papers	1,578 ext. citations	5.8 avg, IF	5.39 L-index

#	Paper	IF	Citations
50	Integration of Face-to-Face Screening With Real-time Machine Learning to Predict Risk of Suicide Among Adults.. *JAMA Network Open*, **2022**, 5, e2212095	10.4	0
49	Risky business: a scoping review for communicating results of predictive models between providers and patients. *JAMIA Open*, **2021**, 4, ooab092	2.9	0
48	Ensemble learning to predict opioid-related overdose using statewide prescription drug monitoring program and hospital discharge data in the state of Tennessee. *Journal of the American Medical Informatics Association: JAMIA*, **2021**,	8.6	2
47	Rapid Supportive Response to a Traumatic "Zoombombing" During the COVID-19 Pandemic. *Academic Medicine*, **2021**, 96, e6-e7	3.9	2
46	Reconciling Statistical and Clinicians' Predictions of Suicide Risk. *Psychiatric Services*, **2021**, 72, 555-562	3.3	6
45	Telehealth for Endocrinology: Effect on Utilization in Non-Pandemic Care. *Journal of the Endocrine Society*, **2021**, 5, A844-A844	0.4	78
44	Telehealth for Endocrinology: Experience and Effect on Utilization in the Prepandemic Era. *Endocrine Practice*, **2021**, 27, 1017-1021	3.2	1
43	Combatting human trafficking in the United States: how can medical informatics help?. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 384-388	8.6	1
42	Natural language processing and machine learning of electronic health records for prediction of first-time suicide attempts. *JAMIA Open*, **2021**, 4, ooab011	2.9	6
41	Prospective Validation of an Electronic Health Record-Based, Real-Time Suicide Risk Model. *JAMA Network Open*, **2021**, 4, e211428	10.4	5
40	Published models that predict hospital readmission: a critical appraisal. *BMJ Open*, **2021**, 11, e044964	3	2
39	Designing a Clinical Decision Support Tool That Leverages Machine Learning for Suicide Risk Prediction: Development Study in Partnership With Native American Care Providers. *JMIR Public Health and Surveillance*, **2021**, 7, e24377	11.4	1
38	Unsupervised characterization of Major Depressive Disorder medication treatment pathways. **2021**, 2021, 591-600	0.7	
37	Demystifying artificial intelligence in pharmacy. *American Journal of Health-System Pharmacy*, **2020**, 77, 1556-1570	2.2	6
36	User-Centered Design of a Machine Learning Intervention for Suicide Risk Prediction in a Military Setting **2020**, 2020, 1050-1058	0.7	3
35	Reaching Those at Highest Risk for Suicide: Development of a Model Using Machine Learning Methods for use With Native American Communities. *Suicide and Life-Threatening Behavior*, **2020**, 50, 422-436	3.9	8
34	Detection of calibration drift in clinical prediction models to inform model updating. *Journal of Biomedical Informatics*, **2020**, 112, 103611	10.2	9

33	2020 Focused Updates to the Asthma Management Guidelines: A Report from the National Asthma Education and Prevention Program Coordinating Committee Expert Panel Working Group. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 1217-1270	11.5	140
32	Significant shared heritability underlies suicide attempt and clinically predicted probability of attempting suicide. *Molecular Psychiatry*, **2020**, 25, 2422-2430	15.1	36
31	Stigma, biomarkers, and algorithmic bias: recommendations for precision behavioral health with artificial intelligence. *JAMIA Open*, **2020**, 3, 9-15	2.9	18
30	Prognostic models will be victims of their own success, unless *Journal of the American Medical Informatics Association: JAMIA*, **2019**, 26, 1645-1650	8.6	26
29	Predicting Imminent Suicidal Thoughts and Nonfatal Attempts: The Role of Complexity. *Clinical Psychological Science*, **2019**, 7, 941-957	6	31
28	Maintaining automated measurement of Choosing Wisely adherence across the ICD 9 to 10 transition. *Journal of Biomedical Informatics*, **2019**, 93, 103142	10.2	4
27	A method for analyzing inpatient care variability through physicians' orders. *Journal of Biomedical Informatics*, **2019**, 91, 103111	10.2	2
26	A nonparametric updating method to correct clinical prediction model drift. *Journal of the American Medical Informatics Association: JAMIA*, **2019**, 26, 1448-1457	8.6	30
25	Explicit causal reasoning is preferred, but not necessary for pragmatic value. *Journal of the American Medical Informatics Association: JAMIA*, **2019**, 26, 1677-1678	8.6	1
24	Comparison of Prediction Model Performance Updating Protocols: Using a Data-Driven Testing Procedure to Guide Updating **2019**, 2019, 1002-1010	0.7	5
23	DNA methylation profiles are associated with complex regional pain syndrome after traumatic injury. *Pain*, **2019**, 160, 2328-2337	8	8
22	Outpatient Engagement and Predicted Risk of Suicide Attempts in Fibromyalgia. *Arthritis Care and Research*, **2019**, 71, 1255-1263	4.7	10
21	Enabling Open-Science Initiatives in Clinical Psychology and Psychiatry Without Sacrificing Patients Privacy: Current Practices and Future Challenges. *Advances in Methods and Practices in Psychological Science*, **2018**, 1, 104-114	13.3	15
20	Predicting suicide attempts in adolescents with longitudinal clinical data and machine learning. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2018**, 59, 1261-1270	7.9	96
19	Psychosocial co-morbidities in Interstitial Cystitis/Bladder Pain syndrome (IC/BPS): A systematic review. *Neurourology and Urodynamics*, **2018**, 37, 926-941	2.3	36
18	Balancing Performance and Interpretability: Selecting Features with Bootstrapped Ridge Regression **2018**, 2018, 1377-1386	0.7	1
17	Protecting Life While Preserving Liberty: Ethical Recommendations for Suicide Prevention With Artificial Intelligence. *Frontiers in Psychiatry*, **2018**, 9, 650	5	21
16	Discovering hidden knowledge through auditing clinical diagnostic knowledge bases. *Journal of Biomedical Informatics*, **2018**, 84, 75-81	10.2	2

15	Predicting Risk of Suicide Attempts Over Time Through Machine Learning. *Clinical Psychological Science*, **2017**, 5, 457-469	6	251
14	Beyond discrimination: A comparison of calibration methods and clinical usefulness of predictive models of readmission risk. *Journal of Biomedical Informatics*, **2017**, 76, 9-18	10.2	34
13	Differential expression of systemic inflammatory mediators in amputees with chronic residual limb pain. *Pain*, **2017**, 158, 68-74	8	11
12	Observational Cohort Studies and the Challenges of In Silico Experiments. *JAMA Oncology*, **2017**, 3, 55-57	13.4	3
11	Time-dependent severity change during treatment of pediatric patients hospitalized for acute asthma exacerbations. *Annals of Allergy, Asthma and Immunology*, **2017**, 118, 226-227	3.2	1
10	Benefits and Risks of Machine Learning Decision Support Systems. *JAMA - Journal of the American Medical Association*, **2017**, 318, 2355	27.4	2
9	X Marks the Spot: Mapping Similarity Between Clinical Trial Cohorts and US Counties **2017**, 2017, 1110-1119	0.7	1
8	The asthma prediction rule to decrease hospitalizations for children with asthma. *Current Opinion in Allergy and Clinical Immunology*, **2016**, 16, 201-9	3.3	5
7	The effects of data sources, cohort selection, and outcome definition on a predictive model of risk of thirty-day hospital readmissions. *Journal of Biomedical Informatics*, **2014**, 52, 418-26	10.2	43
6	Modeling clinical context: rediscovering the social history and evaluating language from the clinic to the wards. *AMIA Summits on Translational Science Proceedings*, **2014**, 2014, 224-31	1.1	4
5	Enabling claims-based decision support through non-interruptive capture of admission diagnoses and provider billing codes **2014**, 2014, 1950-9	0.7	1
4	Provider-to-provider electronic communication in the era of meaningful use: a review of the evidence. *Journal of Hospital Medicine*, **2013**, 8, 589-97	2.7	37
3	Medical professionalism: crossing a generational divide. *Perspectives in Biology and Medicine*, **2008**, 51, 554-64	1.5	6
2	Multi-parallel open technology to enable collaborative volume visualization: how to create global immersive virtual anatomy classrooms. *Studies in Health Technology and Informatics*, **2008**, 132, 463-8	0.5	4
1	Web-based viewer for systematic combination of anatomy and nomenclature. *Studies in Health Technology and Informatics*, **2006**, 119, 518-22	0.5	