

Colin G Walsh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Predicting Risk of Suicide Attempts Over Time Through Machine Learning. <i>Clinical Psychological Science</i> , 2017 , 5, 457-469	6	251
49	2020 Focused Updates to the Asthma Management Guidelines: A Report from the National Asthma Education and Prevention Program Coordinating Committee Expert Panel Working Group. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 1217-1270	11.5	140
48	Predicting suicide attempts in adolescents with longitudinal clinical data and machine learning. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018 , 59, 1261-1270	7.9	96
47	Telehealth for Endocrinology: Effect on Utilization in Non-Pandemic Care. <i>Journal of the Endocrine Society</i> , 2021 , 5, A844-A844	0.4	78
46	The effects of data sources, cohort selection, and outcome definition on a predictive model of risk of thirty-day hospital readmissions. <i>Journal of Biomedical Informatics</i> , 2014 , 52, 418-26	10.2	43
45	Provider-to-provider electronic communication in the era of meaningful use: a review of the evidence. <i>Journal of Hospital Medicine</i> , 2013 , 8, 589-97	2.7	37
44	Psychosocial co-morbidities in Interstitial Cystitis/Bladder Pain syndrome (IC/BPS): A systematic review. <i>Neurourology and Urodynamics</i> , 2018 , 37, 926-941	2.3	36
43	Significant shared heritability underlies suicide attempt and clinically predicted probability of attempting suicide. <i>Molecular Psychiatry</i> , 2020 , 25, 2422-2430	15.1	36
42	Beyond discrimination: A comparison of calibration methods and clinical usefulness of predictive models of readmission risk. <i>Journal of Biomedical Informatics</i> , 2017 , 76, 9-18	10.2	34
41	Predicting Imminent Suicidal Thoughts and Nonfatal Attempts: The Role of Complexity. <i>Clinical Psychological Science</i> , 2019 , 7, 941-957	6	31
40	A nonparametric updating method to correct clinical prediction model drift. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1448-1457	8.6	30
39	Prognostic models will be victims of their own success, unless. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1645-1650	8.6	26
38	Protecting Life While Preserving Liberty: Ethical Recommendations for Suicide Prevention With Artificial Intelligence. <i>Frontiers in Psychiatry</i> , 2018 , 9, 650	5	21
37	Stigma, biomarkers, and algorithmic bias: recommendations for precision behavioral health with artificial intelligence. <i>JAMIA Open</i> , 2020 , 3, 9-15	2.9	18
36	Enabling Open-Science Initiatives in Clinical Psychology and Psychiatry Without Sacrificing Patients' Privacy: Current Practices and Future Challenges. <i>Advances in Methods and Practices in Psychological Science</i> , 2018 , 1, 104-114	13.3	15
35	Differential expression of systemic inflammatory mediators in amputees with chronic residual limb pain. <i>Pain</i> , 2017 , 158, 68-74	8	11
34	Outpatient Engagement and Predicted Risk of Suicide Attempts in Fibromyalgia. <i>Arthritis Care and Research</i> , 2019 , 71, 1255-1263	4.7	10

33	Detection of calibration drift in clinical prediction models to inform model updating. <i>Journal of Biomedical Informatics</i> , 2020 , 112, 103611	10.2	9
32	Reaching Those at Highest Risk for Suicide: Development of a Model Using Machine Learning Methods for use With Native American Communities. <i>Suicide and Life-Threatening Behavior</i> , 2020 , 50, 422-436	3.9	8
31	DNA methylation profiles are associated with complex regional pain syndrome after traumatic injury. <i>Pain</i> , 2019 , 160, 2328-2337	8	8
30	Demystifying artificial intelligence in pharmacy. <i>American Journal of Health-System Pharmacy</i> , 2020 , 77, 1556-1570	2.2	6
29	Medical professionalism: crossing a generational divide. <i>Perspectives in Biology and Medicine</i> , 2008 , 51, 554-64	1.5	6
28	Reconciling Statistical and Clinicians' Predictions of Suicide Risk. <i>Psychiatric Services</i> , 2021 , 72, 555-562	3.3	6
27	Natural language processing and machine learning of electronic health records for prediction of first-time suicide attempts. <i>JAMIA Open</i> , 2021 , 4, ooab011	2.9	6
26	Comparison of Prediction Model Performance Updating Protocols: Using a Data-Driven Testing Procedure to Guide Updating 2019 , 2019, 1002-1010	0.7	5
25	The asthma prediction rule to decrease hospitalizations for children with asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2016 , 16, 201-9	3.3	5
24	Prospective Validation of an Electronic Health Record-Based, Real-Time Suicide Risk Model. <i>JAMA Network Open</i> , 2021 , 4, e211428	10.4	5
23	Maintaining automated measurement of Choosing Wisely adherence across the ICD 9 to 10 transition. <i>Journal of Biomedical Informatics</i> , 2019 , 93, 103142	10.2	4
22	Modeling clinical context: rediscovering the social history and evaluating language from the clinic to the wards. <i>AMIA Summits on Translational Science Proceedings</i> , 2014 , 2014, 224-31	1.1	4
21	Multi-parallel open technology to enable collaborative volume visualization: how to create global immersive virtual anatomy classrooms. <i>Studies in Health Technology and Informatics</i> , 2008 , 132, 463-8	0.5	4
20	Observational Cohort Studies and the Challenges of In Silico Experiments. <i>JAMA Oncology</i> , 2017 , 3, 55-57	3.4	3
19	User-Centered Design of a Machine Learning Intervention for Suicide Risk Prediction in a Military Setting 2020 , 2020, 1050-1058	0.7	3
18	A method for analyzing inpatient care variability through physicians' orders. <i>Journal of Biomedical Informatics</i> , 2019 , 91, 103111	10.2	2
17	Benefits and Risks of Machine Learning Decision Support Systems. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 2355	27.4	2
16	Ensemble learning to predict opioid-related overdose using statewide prescription drug monitoring program and hospital discharge data in the state of Tennessee. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 ,	8.6	2

15	Rapid Supportive Response to a Traumatic "Zoombombing" During the COVID-19 Pandemic. <i>Academic Medicine</i> , 2021 , 96, e6-e7	3.9	2
14	Discovering hidden knowledge through auditing clinical diagnostic knowledge bases. <i>Journal of Biomedical Informatics</i> , 2018 , 84, 75-81	10.2	2
13	Published models that predict hospital readmission: a critical appraisal. <i>BMJ Open</i> , 2021 , 11, e044964	3	2
12	Explicit causal reasoning is preferred, but not necessary for pragmatic value. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1677-1678	8.6	1
11	Time-dependent severity change during treatment of pediatric patients hospitalized for acute asthma exacerbations. <i>Annals of Allergy, Asthma and Immunology</i> , 2017 , 118, 226-227	3.2	1
10	Enabling claims-based decision support through non-interruptive capture of admission diagnoses and provider billing codes 2014 , 2014, 1950-9	0.7	1
9	X Marks the Spot: Mapping Similarity Between Clinical Trial Cohorts and US Counties 2017 , 2017, 1110-1119	1.1	1
8	Balancing Performance and Interpretability: Selecting Features with Bootstrapped Ridge Regression 2018 , 2018, 1377-1386	0.7	1
7	Telehealth for Endocrinology: Experience and Effect on Utilization in the Prepandemic Era. <i>Endocrine Practice</i> , 2021 , 27, 1017-1021	3.2	1
6	Combating human trafficking in the United States: how can medical informatics help?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 384-388	8.6	1
5	Designing a Clinical Decision Support Tool That Leverages Machine Learning for Suicide Risk Prediction: Development Study in Partnership With Native American Care Providers. <i>JMIR Public Health and Surveillance</i> , 2021 , 7, e24377	11.4	1
4	Risky business: a scoping review for communicating results of predictive models between providers and patients. <i>JAMIA Open</i> , 2021 , 4, ooab092	2.9	0
3	Integration of Face-to-Face Screening With Real-time Machine Learning to Predict Risk of Suicide Among Adults.. <i>JAMA Network Open</i> , 2022 , 5, e2212095	10.4	0
2	Web-based viewer for systematic combination of anatomy and nomenclature. <i>Studies in Health Technology and Informatics</i> , 2006 , 119, 518-22	0.5	
1	Unsupervised characterization of Major Depressive Disorder medication treatment pathways. 2021 , 2021, 591-600	0.7	