Brett K Beaulieu-Jones

List of Publications by Year
in descending order

22	2,581	686830 13	794141 19
papers	citations	h-index	g-index

36	36	36	4636
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Opportunities and obstacles for deep learning in biology and medicine. Journal of the Royal Society Interface, 2018, 15, 20170387.	1.5	1,282
2	Privacy-Preserving Generative Deep Neural Networks Support Clinical Data Sharing. Circulation: Cardiovascular Quality and Outcomes, 2019, 12, e005122.	0.9	172
3	Semi-supervised learning of the electronic health record for phenotype stratification. Journal of Biomedical Informatics, 2016, 64, 168-178.	2.5	135
4	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. Npj Digital Medicine, 2020, 3, 109.	5.7	128
5	Reproducibility of computational workflows is automated using continuous analysis. Nature Biotechnology, 2017, 35, 342-346.	9.4	111
6	Characterizing and Managing Missing Structured Data in Electronic Health Records: Data Analysis. JMIR Medical Informatics, 2018, 6, e11.	1.3	104
7	Examining the Use of Realâ€World Evidence in the Regulatory Process. Clinical Pharmacology and Therapeutics, 2020, 107, 843-852.	2.3	99
8	MISSING DATA IMPUTATION IN THE ELECTRONIC HEALTH RECORD USING DEEPLY LEARNED AUTOENCODERS. , 2017, 22, 207-218.		89
9	Machine learning for patient risk stratification: standing on, or looking over, the shoulders of clinicians?. Npj Digital Medicine, 2021, 4, 62.	5.7	75
10	What Every Reader Should Know About Studies Using Electronic Health Record Data but May Be Afraid to Ask. Journal of Medical Internet Research, 2021, 23, e22219.	2.1	61
11	Validation of an internationally derived patient severity phenotype to support COVID-19 analytics from electronic health record data. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1411-1420.	2.2	37
12	Temporal bias in case-control design: preventing reliable predictions of the future. Nature Communications, 2021, 12, 1107.	5.8	33
13	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. JAMA Network Open, 2021, 4, e2112596.	2.8	33
14	Mapping Patient Trajectories using Longitudinal Extraction and Deep Learning in the MIMIC-III Critical Care Database. , 2018, , .		22
15	Mapping Patient Trajectories using Longitudinal Extraction and Deep Learning in the MIMIC-III Critical Care Database. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2018, 23, 123-132.	0.7	14
16	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. Scientific Reports, 2021, 11, 20238.	1.6	10
17	International comparisons of laboratory values from the 4CE collaborative to predict COVID-19 mortality. Npj Digital Medicine, 2022, 5, .	5.7	7
18	Learning Contextual Hierarchical Structure of Medical Concepts with PoincairÃ© Embeddings to Clarify Phenotypes. , 2018, , .		5

#	Article	IF	Citations
19	Learning Contextual Hierarchical Structure of Medical Concepts with PoincairÃ© Embeddings to Clarify Phenotypes. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2019, 24, 8-17.	0.7	4
20	Changes in laboratory value improvement and mortality rates over the course of the pandemic: an international retrospective cohort study of hospitalised patients infected with SARS-CoV-2. BMJ Open, 2022, 12, e057725.	0.8	4
21	Illustrating potential effects of alternate control populations on real-world evidence-based statistical analyses. JAMIA Open, 2021, 4, ooab045.	1.0	2
22	Severity of Epilepsy and Response to Antiseizure Medications in Individuals With Multiple Sclerosis. Neurology: Clinical Practice, 2022, 12, .	0.8	2