Matthew E Levine

List of Publications by Year
in descending order

13 papers	227 citations	1307594 7 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	306 citing authors

#	Article	IF	Citations
1	Personal Health Oracle. , 2019, , .		38
2	Mechanistic machine learning: how data assimilation leverages physiologic knowledge using Bayesian inference to forecast the future, infer the present, and phenotype. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1392-1401.	4.4	30
3	Data-driven health management: reasoning about personally generated data in diabetes with information technologies. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 526-531.	4.4	29
4	Pictures Worth a Thousand Words. , 2018, , .		27
5	A visual analytics approach for pattern-recognition in patient-generated data. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1366-1374.	4.4	25
6	From Reflection to Action: Combining Machine Learning with Expert Knowledge for Nutrition Goal Recommendations. , 2021, 2021, .		18
7	Methodological variations in lagged regression for detecting physiologic drug effects in EHR data. Journal of Biomedical Informatics, 2018, 86, 149-159.	4.3	14
8	Real-time electronic health record mortality prediction during the COVID-19 pandemic: a prospective cohort study. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2354-2365.	4.4	14
9	The parameter Houlihan: A solution to high-throughput identifiability indeterminacy for brutally ill-posed problems. Mathematical Biosciences, 2019, 316, 108242.	1.9	11
10	A new approach to integrating patient-generated data with expert knowledge for personalized goal setting: A pilot study. International Journal of Medical Informatics, 2020, 139, 104158.	3.3	9
11	Comparing lagged linear correlation, lagged regression, Granger causality, and vector autoregression for uncovering associations in EHR data. AMIA ... Annual Symposium proceedings, 2016, 2016, 779-788.	0.2	7
12	Enabling personalized decision support with patient-generated data and attributable components. Journal of Biomedical Informatics, 2021, 113, 103639.	4.3	3
13	From Personal Informatics to Personal Analytics: Investigating How Clinicians and Patients Reason About Personal Data Generated with Self-Monitoring in Diabetes. Computers in Health Care, 2017, , 301-313.	0.3	2