

Mary Regina Boland

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1713699/publications.pdf>

Version: 2024-02-01

46
papers

844
citations

516215

16
h-index

525886

27
g-index

51
all docs

51
docs citations

51
times ranked

1360
citing authors

#	ARTICLE	IF	CITATIONS
1	OUP accepted manuscript. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 225-229.	2.2	4
2	Medication-Wide Association Study Using Electronic Health Record Data of Prescription Medication Exposure and Multifetal Pregnancies: Retrospective Study. JMIR Medical Informatics, 2022, 10, e32229.	1.3	1
3	Development and evaluation of MADDIE: Method to Acquire Delivery Date Information from Electronic health records. International Journal of Medical Informatics, 2021, 145, 104339.	1.6	13
4	Postpartum complications increased in women with polycystic ovary syndrome. American Journal of Obstetrics and Gynecology, 2021, 224, 280.e1-280.e13.	0.7	21
5	Towards deep phenotyping pregnancy: a systematic review on artificial intelligence and machine learning methods to improve pregnancy outcomes. Briefings in Bioinformatics, 2021, 22, .	3.2	36
6	An algorithm to identify residential mobility from electronic health-record data. International Journal of Epidemiology, 2021, , .	0.9	1
7	Individual-Level and Neighborhood-Level Risk Factors for Severe Maternal Morbidity. Obstetrics and Gynecology, 2021, 137, 847-854.	1.2	14
8	Harnessing electronic health records to study emerging environmental disasters: a proof of concept with perfluoroalkyl substances (PFAS). Npj Digital Medicine, 2021, 4, 122.	5.7	4
9	OUP accepted manuscript. Journal of the American Medical Informatics Association: JAMIA, 2021, , .	2.2	2
10	Development of an Informatics Algorithm to Link Seasonal Infectious Diseases to Birth-Dependent Diseases Across Species: A Case Study with Osteosarcoma. AMIA Summits on Translational Science Proceedings, 2021, 2021, 585-594.	0.4	0
11	Association of Neighborhood-Level Factors and COVID-19 Infection Patterns in Philadelphia Using Spatial Regression. AMIA Summits on Translational Science Proceedings, 2021, 2021, 545-554.	0.4	3
12	Evaluation of Stillbirth Among Pregnant People With Sickle Cell Trait. JAMA Network Open, 2021, 4, e2134274.	2.8	6
13	Learning from electronic health records across multiple sites: A communication-efficient and privacy-preserving distributed algorithm. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 376-385.	2.2	61
14	WellExplorer: an integrative resource linking hydraulic fracturing chemicals with hormonal pathways and geographic location. Database: the Journal of Biological Databases and Curation, 2020, .	1.4	0
15	Learning from local to global: An efficient distributed algorithm for modeling time-to-event data. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1028-1036.	2.2	46
16	Ideas for how informaticians can get involved with COVID-19 research. BioData Mining, 2020, 13, 3.	2.2	20
17	1 Personalized medicine. , 2020, , 1-14.		0
18	A Systematic Literature Review of Factors Affecting the Timing of Menarche: The Potential for Climate Change to Impact Women's Health. International Journal of Environmental Research and Public Health, 2020, 17, 1703.	1.2	34

#	ARTICLE	IF	CITATIONS
19	The CLASSE GATOR (CLinical Acronym SenSE disambiGuATOR): A Method for predicting acronym sense from neonatal clinical notes. International Journal of Medical Informatics, 2020, 137, 104101.	1.6	4
20	Female Reproductive Performance and Maternal Birth Month: A Comprehensive Meta-Analysis Exploring Multiple Seasonal Mechanisms. Scientific Reports, 2020, 10, 555.	1.6	11
21	Enabling pregnant women and their physicians to make informed medication decisions using artificial intelligence. Journal of Pharmacokinetics and Pharmacodynamics, 2020, 47, 305-318.	0.8	27
22	Comparative Analysis and Evaluation of State-of-the-Art Medication Mapping Tools to Transform a Local Medication Terminology to RxNorm. AMIA Summits on Translational Science Proceedings, 2020, 2020, 126-135.	0.4	2
23	Advanced Methods for Big Data Analytics in Women's Health. , 2020, , .		0
24	Disease associations depend on visit type: results from a visit-wide association study. BioData Mining, 2019, 12, 15.	2.2	12
25	Higher incidence of postpartum complications in women with polycystic ovary syndrome. Fertility and Sterility, 2019, 112, e39.	0.5	1
26	Preparing next-generation scientists for biomedical big data: artificial intelligence approaches. Personalized Medicine, 2019, 16, 247-257.	0.8	28
27	Applied Veterinary Informatics: Development of a Semantic and Domain-Specific Method to Construct a Canine Data Repository. Scientific Reports, 2019, 9, 18641.	1.6	3
28	ODAL: A one-shot distributed algorithm to perform logistic regressions on electronic health records data from multiple clinical sites. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2019, 24, 30-41.	0.7	7
29	Uncovering exposures responsible for birth season " disease effects: a global study. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 275-288.	2.2	33
30	A model investigating environmental factors that play a role in female fecundity or birth rate. PLoS ONE, 2018, 13, e0207932.	1.1	4
31	Development and validation of the PEPPER framework (Prenatal Exposure PubMed ParsER) with applications to food additives. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1432-1443.	2.2	6
32	Cardiovascular Disease Risk Varies by Birth Month in Canines. Scientific Reports, 2018, 8, 7130.	1.6	9
33	PSB 2019 Workshop on Text Mining and Visualization for Precision Medicine. , 2018, , .		0
34	ODAL: A one-shot distributed algorithm to perform logistic regressions on electronic health records data from multiple clinical sites. , 2018, , .		13
35	Development of A Machine Learning Algorithm to Classify Drugs Of Unknown Fetal Effect. Scientific Reports, 2017, 7, 12839.	1.6	27
36	Climate Classification is an Important Factor in Assessing Quality-of-Care Across Hospitals. Scientific Reports, 2017, 7, 4948.	1.6	11

#	ARTICLE	IF	CITATIONS
37	Biomedical informatics advancing the national health agenda: the AMIA 2015 year-in-review in clinical and consumer informatics. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, e185-e190.	2.2	18
38	Ten Simple Rules to Enable Multi-site Collaborations through Data Sharing. <i>PLoS Computational Biology</i> , 2017, 13, e1005278.	1.5	29
39	Systems biology approaches for identifying adverse drug reactions and elucidating their underlying biological mechanisms. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016, 8, 104-122.	6.6	42
40	The digital revolution in phenotyping. <i>Briefings in Bioinformatics</i> , 2016, 17, 819-830.	3.2	41
41	Replicating Cardiovascular Condition-Birth Month Associations. <i>Scientific Reports</i> , 2016, 6, 33166.	1.6	16
42	In Search of 'Birth Month Genes': Using Existing Data Repositories to Locate Genes Underlying Birth Month-Disease Relationships. <i>AMIA Summits on Translational Science Proceedings</i> , 2016, 2016, 189-98.	0.4	1
43	Birth month affects lifetime disease risk: a phenome-wide method. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 1042-1053.	2.2	106
44	Defining a comprehensive verotype using electronic health records for personalized medicine. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, e232-e238.	2.2	59
45	Discovering medical conditions associated with periodontitis using linked electronic health records. <i>Journal of Clinical Periodontology</i> , 2013, 40, 474-482.	2.3	48
46	EliXR-TIME: A Temporal Knowledge Representation for Clinical Research Eligibility Criteria. <i>AMIA Summits on Translational Science Proceedings</i> , 2012, 2012, 71-80.	0.4	17