

Victor M Castro

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

3,377
citations

136950

32
h-index

168389

53
g-index

74
all docs

74
docs citations

74
times ranked

6635
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal validation of an electronic health record delirium prediction model applied at admission in COVID-19 patients. <i>General Hospital Psychiatry</i> , 2022, 74, 9-17.	2.4	7
2	The Mass General Brigham Biobank Portal: an i2b2-based data repository linking disparate and high-dimensional patient data to support multimodal analytics. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 643-651.	4.4	24
3	Geometric Features Associated with Middle Cerebral Artery Bifurcation Aneurysm Formation: A Matched Case-Control Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106268.	1.6	3
4	Prediction of Suicide Attempts Using Clinician Assessment, Patient Self-report, and Electronic Health Records. <i>JAMA Network Open</i> , 2022, 5, e2144373.	5.9	39
5	Predictive structuredâ€“unstructured interactions in EHR models: A case study of suicide prediction. <i>Npj Digital Medicine</i> , 2022, 5, 15.	10.9	6
6	Implementing Machine Learning Models for Suicide Risk Prediction in Clinical Practice: Focus Group Study With Hospital Providers. <i>JMIR Formative Research</i> , 2022, 6, e30946.	1.4	8
7	Neurodevelopmental Outcomes at 1 Year in Infants of Mothers Who Tested Positive for SARS-CoV-2 During Pregnancy. <i>JAMA Network Open</i> , 2022, 5, e2215787.	5.9	111
8	Case-control study of neuropsychiatric symptoms in electronic health records following COVID-19 hospitalization in 2 academic health systems. <i>Molecular Psychiatry</i> , 2022, 27, 3898-3903.	7.9	13
9	Vascular Geometry Associated with Anterior Communicating Artery Aneurysm Formation. <i>World Neurosurgery</i> , 2021, 146, e1318-e1325.	1.3	6
10	Geometric variations associated with posterior communicating artery aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, neurintsurg-2020-017062.	3.3	1
11	Development and External Validation of a Delirium Prediction Model for Hospitalized Patients With Coronavirus Disease 2019. <i>Journal of the Academy of Consultation-Liaison Psychiatry</i> , 2021, 62, 298-308.	0.4	14
12	Validation of an internationally derived patient severity phenotype to support COVID-19 analytics from electronic health record data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1411-1420.	4.4	37
13	Phenotypic signatures in clinical data enable systematic identification of patients for genetic testing. <i>Nature Medicine</i> , 2021, 27, 1097-1104.	30.7	21
14	Mood Disorders and Outcomes of COVID-19 Hospitalizations. <i>American Journal of Psychiatry</i> , 2021, 178, 541-547.	7.2	18
15	Assessment of the Performance Consistency of an Adverse Outcome Prediction Tool for Patients Hospitalized With COVID-19. <i>JAMA Network Open</i> , 2021, 4, e2118413.	5.9	0
16	Stratified delirium risk using prescription medication data in a state-wide cohort. <i>General Hospital Psychiatry</i> , 2021, 71, 114-120.	2.4	4
17	Temporally informed random forests for suicide risk prediction. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 29, 62-71.	4.4	9
18	Clinical knowledge extraction via sparse embedding regression (KESER) with multi-center large scale electronic health record data. <i>Npj Digital Medicine</i> , 2021, 4, 151.	10.9	22

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19	Age and morphology of posterior communicating artery aneurysms. <i>Scientific Reports</i> , 2020, 10, 11545.	3.3	6
20	Transitive Sequencing Medical Records for Mining Predictive and Interpretable Temporal Representations. <i>Patterns</i> , 2020, 1, 100051.	5.9	21
21	Laboratory Findings Associated With Severe Illness and Mortality Among Hospitalized Individuals With Coronavirus Disease 2019 in Eastern Massachusetts. <i>JAMA Network Open</i> , 2020, 3, e2023934.	5.9	51
22	sureLDA: A multidisease automated phenotyping method for the electronic health record. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1235-1243.	4.4	30
23	Electronic Health Record Documentation of Psychiatric Assessments in Massachusetts Emergency Department and Outpatient Settings During the Coronavirus Disease 2019 (COVID-19) Pandemic. <i>JAMA Network Open</i> , 2020, 3, e2011346.	5.9	18
24	Validation of an Electronic Health Record-Based Suicide Risk Prediction Modeling Approach Across Multiple Health Care Systems. <i>JAMA Network Open</i> , 2020, 3, e201262.	5.9	59
25	Morphological Variables Associated With Ruptured Middle Cerebral Artery Aneurysms. <i>Neurosurgery</i> , 2019, 85, 75-83.	1.1	37
26	Penetrance and Pleiotropy of Polygenic Risk Scores for Schizophrenia in 106,160 Patients Across Four Health Care Systems. <i>American Journal of Psychiatry</i> , 2019, 176, 846-855.	7.2	168
27	High-throughput multimodal automated phenotyping (MAP) with application to PheWAS. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 1255-1262.	4.4	69
28	Prevalence of Financial Considerations Documented in Primary Care Encounters as Identified by Natural Language Processing Methods. <i>JAMA Network Open</i> , 2019, 2, e1910399.	5.9	6
29	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. <i>American Journal of Human Genetics</i> , 2019, 105, 588-605.	6.2	99
30	Decreased Total Iron Binding Capacity May Correlate with Ruptured Intracranial Aneurysms. <i>Scientific Reports</i> , 2019, 9, 6054.	3.3	6
31	O13.2. COMPARATIVE RISK OF PSYCHOSIS WITH AMPHETAMINE VERSUS METHYLPHENIDATE IN ADOLESCENTS AND YOUNG ADULTS WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER. <i>Schizophrenia Bulletin</i> , 2019, 45, S201-S201.	4.3	0
32	Psychosis with Methylphenidate or Amphetamine in Patients with ADHD. <i>New England Journal of Medicine</i> , 2019, 380, 1128-1138.	27.0	114
33	High-throughput phenotyping with electronic medical record data using a common semi-supervised approach (PheCAP). <i>Nature Protocols</i> , 2019, 14, 3426-3444.	12.0	94
34	Identifying lupus patients in electronic health records: Development and validation of machine learning algorithms and application of rule-based algorithms. <i>Seminars in Arthritis and Rheumatism</i> , 2019, 49, 84-90.	3.4	67
35	Genome-wide Association Study of Dimensional Psychopathology Using Electronic Health Records. <i>Biological Psychiatry</i> , 2018, 83, 1005-1011.	1.3	23
36	High Throughput Phenotyping for Dimensional Psychopathology in Electronic Health Records. <i>Biological Psychiatry</i> , 2018, 83, 997-1004.	1.3	56

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37	Genetic validation of bipolar disorder identified by automated phenotyping using electronic health records. <i>Translational Psychiatry</i> , 2018, 8, 86.	4.8	24
38	Lipid-Lowering Agents and High HDL (High-Density Lipoprotein) Are Inversely Associated With Intracranial Aneurysm Rupture. <i>Stroke</i> , 2018, 49, 1148-1154.	2.0	53
39	Alcohol Consumption and Aneurysmal Subarachnoid Hemorrhage. <i>Translational Stroke Research</i> , 2018, 9, 13-19.	4.2	36
40	Antihyperglycemic Agents Are Inversely Associated With Intracranial Aneurysm Rupture. <i>Stroke</i> , 2018, 49, 34-39.	2.0	14
41	Heroin Use Is Associated with Ruptured Saccular Aneurysms. <i>Translational Stroke Research</i> , 2018, 9, 340-346.	4.2	9
42	Elevated International Normalized Ratio Is Associated With Ruptured Aneurysms. <i>Stroke</i> , 2018, 49, 2046-2052.	2.0	8
43	Low Serum Calcium and Magnesium Levels and Rupture of Intracranial Aneurysms. <i>Stroke</i> , 2018, 49, 1747-1750.	2.0	9
44	Association between aspirin dose and subarachnoid hemorrhage from saccular aneurysms. <i>Neurology</i> , 2018, 91, e1175-e1181.	1.1	50
45	Improving discrimination in antepartum depression screening using the Edinburgh Postnatal Depression Scale. <i>Journal of Affective Disorders</i> , 2017, 214, 1-7.	4.1	8
46	Validation of a risk stratification tool for fall-related injury in a state-wide cohort. <i>BMJ Open</i> , 2017, 7, e012189.	1.9	9
47	Using clinically acquired MRI to construct age-specific ADC atlases: Quantifying spatiotemporal ADC changes from birth to 6-year old. <i>Human Brain Mapping</i> , 2017, 38, 3052-3068.	3.6	31
48	Large-scale identification of patients with cerebral aneurysms using natural language processing. <i>Neurology</i> , 2017, 88, 164-168.	1.1	91
49	Validation of Polygenic Scores for QT Interval in Clinical Populations. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	17
50	Association of intracranial aneurysm rupture with smoking duration, intensity, and cessation. <i>Neurology</i> , 2017, 89, 1408-1415.	1.1	96
51	Predicting Suicidal Behavior From Longitudinal Electronic Health Records. <i>American Journal of Psychiatry</i> , 2017, 174, 154-162.	7.2	251
52	Efficient Genome-wide Association in Biobanks Using Topic Modeling Identifies Multiple Novel Disease Loci. <i>Molecular Medicine</i> , 2017, 23, 285-294.	4.4	19
53	Pre-birth cohort study of atopic dermatitis and severe bronchiolitis during infancy. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 413-418.	2.6	13
54	Association of Antenatal Depression Symptoms and Antidepressant Treatment With Preterm Birth. <i>Obstetrics and Gynecology</i> , 2016, 127, 926-933.	2.4	39

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55	Improving Prediction of Suicide and Accidental Death After Discharge From General Hospitals With Natural Language Processing. <i>JAMA Psychiatry</i> , 2016, 73, 1064.	11.0	106
56	Genome-wide association study identifies SESTD1 as a novel risk gene for lithium-responsive bipolar disorder. <i>Molecular Psychiatry</i> , 2016, 21, 1290-1297.	7.9	69
57	Stratifying Risk for Renal Insufficiency Among Lithium-Treated Patients: An Electronic Health Record Study. <i>Neuropsychopharmacology</i> , 2016, 41, 1138-1143.	5.4	73
58	Antidepressant Nonadherence in Routine Clinical Settings Determined From Discarded Blood Samples. <i>Journal of Clinical Psychiatry</i> , 2016, 77, 359-362.	2.2	9
59	Identification of subjects with polycystic ovary syndrome using electronic health records. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 116.	3.3	36
60	A Clinical Perspective on the Relevance of Research Domain Criteria in Electronic Health Records. <i>American Journal of Psychiatry</i> , 2015, 172, 316-320.	7.2	39
61	Validation of Electronic Health Record Phenotyping of Bipolar Disorder Cases and Controls. <i>American Journal of Psychiatry</i> , 2015, 172, 363-372.	7.2	116
62	Sentiment Measured in Hospital Discharge Notes Is Associated with Readmission and Mortality Risk: An Electronic Health Record Study. <i>PLoS ONE</i> , 2015, 10, e0136341.	2.5	70
63	Stratification of risk for hospital admissions for injury related to fall: cohort study. <i>BMJ, The</i> , 2014, 347, g5863-g5863.	6.0	20
64	An Electronic Health Records Study of Long-Term Weight Gain Following Antidepressant Use. <i>JAMA Psychiatry</i> , 2014, 71, 889.	11.0	118
65	Rare Copy Number Variation in Treatment-Resistant Major Depressive Disorder. <i>Biological Psychiatry</i> , 2014, 76, 536-541.	1.3	67
66	Antidepressant Response in Patients With Major Depression Exposed to NSAIDs: A Pharmacovigilance Study. <i>American Journal of Psychiatry</i> , 2012, 169, 1065-1072.	7.2	70
67	Incident user cohort study of risk for gastrointestinal bleed and stroke in individuals with major depressive disorder treated with antidepressants. <i>BMJ Open</i> , 2012, 2, e000544.	1.9	44
68	Calcium and vitamin D supplementation is associated with decreased abdominal visceral adipose tissue in overweight and obese adults. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 101-108.	4.7	127
69	A survey of the genetics of stomach, liver, and adipose gene expression from a morbidly obese cohort. <i>Genome Research</i> , 2011, 21, 1008-1016.	5.5	161
70	Effect of Weight Loss After Weight Loss Surgery on Plasma N-Terminal Pro-B-Type Natriuretic Peptide Levels. <i>American Journal of Cardiology</i> , 2010, 106, 1450-1455.	1.6	47
71	Liver and Adipose Expression Associated SNPs Are Enriched for Association to Type 2 Diabetes. <i>PLoS Genetics</i> , 2010, 6, e1000932.	3.5	161