

Victor M Castro

List of Publications by Year in descending order

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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	Predicting Suicidal Behavior From Longitudinal Electronic Health Records. American Journal of Psychiatry, 2017, 174, 154-162.	7.2	251
2	Penetrance and Pleiotropy of Polygenic Risk Scores for Schizophrenia in 106,160 Patients Across Four Health Care Systems. American Journal of Psychiatry, 2019, 176, 846-855.	7.2	168
3	Liver and Adipose Expression Associated SNPs Are Enriched for Association to Type 2 Diabetes. PLoS Genetics, 2010, 6, e1000932.	3.5	161
4	A survey of the genetics of stomach, liver, and adipose gene expression from a morbidly obese cohort. Genome Research, 2011, 21, 1008-1016.	5.5	161
5	Calcium and vitamin D supplementation is associated with decreased abdominal visceral adipose tissue in overweight and obese adults. American Journal of Clinical Nutrition, 2012, 95, 101-108.	4.7	127
6	An Electronic Health Records Study of Long-Term Weight Gain Following Antidepressant Use. JAMA Psychiatry, 2014, 71, 889.	11.0	118
7	Validation of Electronic Health Record Phenotyping of Bipolar Disorder Cases and Controls. American Journal of Psychiatry, 2015, 172, 363-372.	7.2	116
8	Psychosis with Methylphenidate or Amphetamine in Patients with ADHD. New England Journal of Medicine, 2019, 380, 1128-1138.	27.0	114
9	Neurodevelopmental Outcomes at 1 Year in Infants of Mothers Who Tested Positive for SARS-CoV-2 During Pregnancy. JAMA Network Open, 2022, 5, e2215787.	5.9	111
10	Improving Prediction of Suicide and Accidental Death After Discharge From General Hospitals With Natural Language Processing. JAMA Psychiatry, 2016, 73, 1064.	11.0	106
11	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. American Journal of Human Genetics, 2019, 105, 588-605.	6.2	99
12	Association of intracranial aneurysm rupture with smoking duration, intensity, and cessation. Neurology, 2017, 89, 1408-1415.	1.1	96
13	High-throughput phenotyping with electronic medical record data using a common semi-supervised approach (PheCAP). Nature Protocols, 2019, 14, 3426-3444.	12.0	94
14	Large-scale identification of patients with cerebral aneurysms using natural language processing. Neurology, 2017, 88, 164-168.	1.1	91
15	Stratifying Risk for Renal Insufficiency Among Lithium-Treated Patients: An Electronic Health Record Study. Neuropsychopharmacology, 2016, 41, 1138-1143.	5.4	73
16	Antidepressant Response in Patients With Major Depression Exposed to NSAIDs: A Pharmacovigilance Study. American Journal of Psychiatry, 2012, 169, 1065-1072.	7.2	70
17	Sentiment Measured in Hospital Discharge Notes Is Associated with Readmission and Mortality Risk: An Electronic Health Record Study. PLoS ONE, 2015, 10, e0136341.	2.5	70
18	Genome-wide association study identifies SESTD1 as a novel risk gene for lithium-responsive bipolar disorder. Molecular Psychiatry, 2016, 21, 1290-1297.	7.9	69

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19	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
20	Rare Copy Number Variation in Treatment-Resistant Major Depressive Disorder. <i>Biological Psychiatry</i> , 2014, 76, 536-541.	1.3	67
21	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
22	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
23	High Throughput Phenotyping for Dimensional Psychopathology in Electronic Health Records. <i>Biological Psychiatry</i> , 2018, 83, 997-1004.	1.3	56
24	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
25	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
26	Association between aspirin dose and subarachnoid hemorrhage from saccular aneurysms. <i>Neurology</i> , 2018, 91, e1175-e1181.	1.1	50
27	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
28	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
29	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
30	Association of Antenatal Depression Symptoms and Antidepressant Treatment With Preterm Birth. <i>Obstetrics and Gynecology</i> , 2016, 127, 926-933.	2.4	39
31	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
32	Morphological Variables Associated With Ruptured Middle Cerebral Artery Aneurysms. <i>Neurosurgery</i> , 2019, 85, 75-83.	1.1	37
33	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
34	Identification of subjects with polycystic ovary syndrome using electronic health records. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 116.	3.3	36
35	Alcohol Consumption and Aneurysmal Subarachnoid Hemorrhage. <i>Translational Stroke Research</i> , 2018, 9, 13-19.	4.2	36
36	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

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37	sureLDA: A multidisease automated phenotyping method for the electronic health record. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1235-1243.	4.4	30
38	Genetic validation of bipolar disorder identified by automated phenotyping using electronic health records. Translational Psychiatry, 2018, 8, 86.	4.8	24
39	The Mass General Brigham Biobank Portal: an i2b2-based data repository linking disparate and high-dimensional patient data to support multimodal analytics. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 643-651.	4.4	24
40	Genome-wide Association Study of Dimensional Psychopathology Using Electronic Health Records. Biological Psychiatry, 2018, 83, 1005-1011.	1.3	23
41	Clinical knowledge extraction via sparse embedding regression (KESER) with multi-center large scale electronic health record data. Npj Digital Medicine, 2021, 4, 151.	10.9	22
42	Transitive Sequencing Medical Records for Mining Predictive and Interpretable Temporal Representations. Patterns, 2020, 1, 100051.	5.9	21
43	Phenotypic signatures in clinical data enable systematic identification of patients for genetic testing. Nature Medicine, 2021, 27, 1097-1104.	30.7	21
44	Stratification of risk for hospital admissions for injury related to fall: cohort study. BMJ, The, 2014, 347, g5863-g5863.	6.0	20
45	Efficient Genome-wide Association in Biobanks Using Topic Modeling Identifies Multiple Novel Disease Loci. Molecular Medicine, 2017, 23, 285-294.	4.4	19
46	Electronic Health Record Documentation of Psychiatric Assessments in Massachusetts Emergency Department and Outpatient Settings During the Coronavirus Disease 2019 (COVID-19) Pandemic. JAMA Network Open, 2020, 3, e2011346.	5.9	18
47	Mood Disorders and Outcomes of COVID-19 Hospitalizations. American Journal of Psychiatry, 2021, 178, 541-547.	7.2	18
48	Validation of Polygenic Scores for QT Interval in Clinical Populations. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	17
49	Antihyperglycemic Agents Are Inversely Associated With Intracranial Aneurysm Rupture. Stroke, 2018, 49, 34-39.	2.0	14
50	Development and External Validation of a Delirium Prediction Model for Hospitalized Patients With Coronavirus Disease 2019. Journal of the Academy of Consultation-Liaison Psychiatry, 2021, 62, 298-308.	0.4	14
51	Prebirth cohort study of atopic dermatitis and severe bronchiolitis during infancy. Pediatric Allergy and Immunology, 2016, 27, 413-418.	2.6	13
52	Case-control study of neuropsychiatric symptoms in electronic health records following COVID-19 hospitalization in 2 academic health systems. Molecular Psychiatry, 2022, 27, 3898-3903.	7.9	13
53	Validation of a risk stratification tool for fall-related injury in a state-wide cohort. BMJ Open, 2017, 7, e012189.	1.9	9
54	Heroin Use Is Associated with Ruptured Saccular Aneurysms. Translational Stroke Research, 2018, 9, 340-346.	4.2	9

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55	Low Serum Calcium and Magnesium Levels and Rupture of Intracranial Aneurysms. <i>Stroke</i> , 2018, 49, 1747-1750.	2.0	9
56	Antidepressant Nonadherence in Routine Clinical Settings Determined From Discarded Blood Samples. <i>Journal of Clinical Psychiatry</i> , 2016, 77, 359-362.	2.2	9
57	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
58	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
59	Elevated International Normalized Ratio Is Associated With Ruptured Aneurysms. <i>Stroke</i> , 2018, 49, 2046-2052.	2.0	8
60	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
61	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
62	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
63	Decreased Total Iron Binding Capacity May Correlate with Ruptured Intracranial Aneurysms. <i>Scientific Reports</i> , 2019, 9, 6054.	3.3	6
64	Age and morphology of posterior communicating artery aneurysms. <i>Scientific Reports</i> , 2020, 10, 11545.	3.3	6
65	Vascular Geometry Associated with Anterior Communicating Artery Aneurysm Formation. <i>World Neurosurgery</i> , 2021, 146, e1318-e1325.	1.3	6
66	Predictive structuredâ€“unstructured interactions in EHR models: A case study of suicide prediction. <i>Npj Digital Medicine</i> , 2022, 5, 15.	10.9	6
67	Stratified delirium risk using prescription medication data in a state-wide cohort. <i>General Hospital Psychiatry</i> , 2021, 71, 114-120.	2.4	4
68	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
69	Geometric variations associated with posterior communicating artery aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, neurintsurg-2020-017062.	3.3	1
70	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
71	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