IvÃ¡n DÃaz

List of Publications by Year
in descending order

67 papers	1,741 citations	394421 19 h-index	315739 38 g-index
74 all docs	74 docs citations	74 times ranked	3069 citing authors

#	Article	IF	Citations
1	Risk of Ischemic Stroke in Patients With Coronavirus Disease 2019 (COVID-19) vs Patients With Influenza. JAMA Neurology, 2020, 77, 1366.	9.0	506
2	Increased Alzheimer's risk during the menopause transition: A 3-year longitudinal brain imaging study. PLoS ONE, 2018, 13, e0207885.	2.5	123
3	Polypharmacy in Older Adults Hospitalized for Heart Failure. Circulation: Heart Failure, 2020, 13, e006977.	3.9	102
4	Sex-driven modifiers of Alzheimer risk. Neurology, 2020, 95, e166-e178.	1.1	87
5	Associations between cerebrovascular risk factors and parkinson disease. Annals of Neurology, 2019, 86, 572-581.	5.3	69
6	Risk of Arterial Ischemic Events After Intracerebral Hemorrhage. Stroke, 2020, 51, 137-142.	2.0	46
7	Reclassification of Ischemic Stroke Etiological Subtypes on the Basis of High-Risk Nonstenosing Carotid Plaque. Stroke, 2020, 51, 504-510.	2.0	44
8	Evaluation of the Effect of a Continuous Treatment: A Machine Learning Approach with an Application to Treatment for Traumatic Brain Injury. Health Economics (United Kingdom), 2015, 24, 1213-1228.	1.7	37
9	Improving precision and power in randomized trials for COVID‑19 treatments using covariate adjustment, for binary, ordinal, and time‑to‑event outcomes. Biometrics, 2021, 77, 1467-1481.	1.4	37
10	Association Between Intracerebral Hemorrhage and Subsequent Arterial Ischemic Events in Participants From 4 Population-Based Cohort Studies. JAMA Neurology, 2021, 78, 809.	9.0	32
11	Access to Mechanical Thrombectomy for Ischemic Stroke in the United States. Stroke, 2021, 52, 2554-2561.	2.0	31
12	Duration of Heightened Ischemic Stroke Risk After Acute Myocardial Infarction. Journal of the American Heart Association, 2018, 7, e010782.	3.7	30
13	Machine Learning Prediction of Stroke Mechanism in Embolic Strokes of Undetermined Source. Stroke, 2020, 51, e203-e210.	2.0	30
14	Improved precision in the analysis of randomized trials with survival outcomes, without assuming proportional hazards. Lifetime Data Analysis, 2019, 25, 439-468.	0.9	28
15	Estimating Population Treatment Effects From a Survey Subsample. American Journal of Epidemiology, 2014, 180, 737-748.	3.4	27
16	Nonparametric Causal Effects Based on Longitudinal Modified Treatment Policies. Journal of the American Statistical Association, 2023, 118, 846-857.	3.1	26
17	Dimethyl Fumarate Reduces Inflammation in Chronic Active Multiple Sclerosis Lesions. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, .	6.0	24
18	Assessing the Causal Effect of Policies: An Example Using Stochastic Interventions. International Journal of Biostatistics, 2013, 9, 161-74.	0.7	21

#	Article	IF	Citations
19	Enhanced Precision in the Analysis of Randomized Trials with Ordinal Outcomes. Biometrics, 2016, 72, 422-431.	1.4	21
20	Prescribing Patterns of HeartÂFailure-Exacerbating Medications Following a Heart Failure Hospitalization. JACC: Heart Failure, 2020, 8, 25-34.	4.1	21
21	Machine learning in the estimation of causal effects: targeted minimum loss-based estimation and double/debiased machine learning. Biostatistics, 2020, 21, 353-358.	1.5	20
22	Relationship between left atrial volume and ischemic stroke subtype. Annals of Clinical and Translational Neurology, 2019, 6, 1480-1486.	3.7	19
23	Variable Importance and Prediction Methods for Longitudinal Problems with Missing Variables. PLoS ONE, 2015, 10, e0120031.	2.5	18
24	Modeling the Impact of Interhospital Transfer Network Design on Stroke Outcomes in a Large City. Stroke, 2018, 49, 370-376.	2.0	17
25	Trends in Active Cigarette Smoking Among Stroke Survivors in the United States, 1999 to 2018. Stroke, 2020, 51, 1656-1661.	2.0	17
26	Effect of A Randomized trial of Unruptured Brain Arteriovenous Malformation on Interventional Treatment Rates for Unruptured Arteriovenous Malformations. Cerebrovascular Diseases, 2019, 47, 299-302.	1.7	16
27	Causal Mediation Analysis for Stochastic Interventions. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2020, 82, 661-683.	2.2	16
28	Attributable mortality of acute respiratory distress syndrome: a systematic review, meta-analysis and survival analysis using targeted minimum loss-based estimation. Thorax, 2021, 76, 1176-1185.	5.6	16
29	Targeted Data Adaptive Estimation of the Causal Doseâ€"Response Curve. Journal of Causal Inference, 2013, 1, 171-192.	1.2	14
30	Indications for Î²â€Blocker Prescriptions in Heart Failure with Preserved Ejection Fraction. Journal of the American Geriatrics Society, 2019, 67, 1461-1466.	2.6	14
31	Association of plasma mitochondrial DNA with COPD severity and progression in the SPIROMICS cohort. Respiratory Research, 2021, 22, 126.	3.6	14
32	Non-Traumatic Subdural Hemorrhage and Risk of Arterial Ischemic Events. Stroke, 2020, 51, 1464-1469.	2.0	13
33	Efficient estimation of quantiles in missing data models. Journal of Statistical Planning and Inference, 2017, 190, 39-51.	0.6	12
34	Global Sensitivity Analysis for Repeated Measures Studies with Informative Drop-out: A Semi-parametric Approach. Biometrics, 2018, 74, 207-219.	1.4	12
35	Angiographic Blush after Mechanical Thrombectomy is Associated with Hemorrhagic Transformation of Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 3124-3130.	1.6	12
36	Helped into Harm. Epidemiology, 2021, 32, 336-346.	2.7	12

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37	Statistical inference for data‐adaptive doubly robust estimators with survival outcomes. Statistics in Medicine, 2019, 38, 2735-2748.	1.6	11
38	Black African and Latino/a identity correlates with increased plasmablasts in MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	11
39	Doubly robust inference for targeted minimum loss–based estimation in randomized trials with missing outcome data. Statistics in Medicine, 2017, 36, 3807-3819.	1.6	10
40	Targeted learning ensembles for optimal individualized treatment rules with time-to-event outcomes. Biometrika, 2018, 105, 723-738.	2.4	10
41	Stochastic Treatment Regimes. Springer Series in Statistics, 2018, , 219-232.	0.9	10
42	Using Mobile Integrated Health and telehealth to support transitions of care among patients with heart failure (MIGHTy-Heart): protocol for a pragmatic randomised controlled trial. BMJ Open, 2022, 12, e054956.	1.9	10
43	Estimating the Causal Impact of Proximity to Gold and Copper Mines on Respiratory Diseases in Chilean Children: An Application of Targeted Maximum Likelihood Estimation. International Journal of Environmental Research and Public Health, 2018, 15, 39.	2.6	8
44	Discussion of Identification, Estimation and Approximation of Risk under Interventions that Depend on the Natural Value of Treatment Using Observational Data, by Jessica Young, Miguel Hernán, and James Robins. Epidemiologic Methods, 2014, 3, 21-31.	0.9	6
45	Deductive Derivation and Turing-Computerization of Semiparametric Efficient Estimation. Biometrics, 2015, 71, 867-874.	1.4	6
46	Differences in Admission Blood Pressure Among Causes of Intracerebral Hemorrhage. Stroke, 2020, 51, 644-647.	2.0	6
47	Targeted Maximum Likelihood Estimation using Exponential Families. International Journal of Biostatistics, 2015, 11, 233-51.	0.7	4
48	Explaining differential effects of medication for opioid use disorder using a novel approach incorporating mediating variables. Addiction, 2021, 116, 2094-2103.	3.3	4
49	Association between dynamic dose increases of buprenorphine for treatment of opioid use disorder and risk of relapse. Addiction, 2022, 117, 637-645.	3.3	4
50	Optimizing opioid use disorder treatment with naltrexone or buprenorphine. Drug and Alcohol Dependence, 2021, 228, 109031.	3.2	4
51	Is Surgical Intervention the Optimal Therapy for the Treatment of Aortic Valve Stenosis for Patients With Intermediate Society of Thoracic Surgeons Risk Score?. Annals of Thoracic Surgery, 2017, 103, 1193-1198.	1.3	3
52	Efficiently transporting causal direct and indirect effects to new populations under intermediate confounding and with multiple mediators. Biostatistics, 2022, 23, 789-806.	1.5	3
53	Nonparametric causal mediation analysis for stochastic interventional (in)direct effects. Biostatistics, 2023, 24, 686-707.	1.5	3
54	Transesophageal echocardiography and risk of respiratory failure in patients who had ischemic stroke or transient ischemic attack: an IDEAL phase 4 study. BMJ Surgery, Interventions, and Health Technologies, 2022, 4, e000116.	0.9	3

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55	Reply. JACC: Heart Failure, 2020, 8, 247-248.	4.1	2
56	medoutcon: Nonparametric efficient causal mediation analysis with machine learning in R. Journal of Open Source Software, 2022, 7, 3979.	4.6	2
57	Rejoinder to Discussions on: Deductive Derivation and Turing-Computerization of Semiparametric Efficient Estimation. Biometrics, 2015, 71, 881-883.	1.4	1
58	Effect of Clinical History on Interpretation of Computed Tomography for Acute Stroke. Neurohospitalist, The, 2019, 9, 140-143.	0.8	1
59	Nonparametric targeted Bayesian estimation of class proportions in unlabeled data. Biostatistics, 2022, 23, 274-293.	1.5	1
60	Rejoinder: Improving precision and power in randomized trials for COVID‐19 treatments using covariate adjustment, for binary, ordinal, and time‐to‐event outcomes. Biometrics, 2021, 77, 1492-1494.	1.4	1
61	Abstract 167: Geographic Analysis of Mobile Stroke Unit Treatment in a Densely Populated Urban Area: The New York City METRONOME Registry. Stroke, 2019, 50, .	2.0	1
62	Abstract 121: Machine Learning Prediction of Stroke Mechanism in Embolic Strokes of Undetermined Source. Stroke, 2019, 50, .	2.0	1
63	Abstract WP24: Angiographic Blush After Mechanical Thrombectomy is Associated With Hemorrhagic Conversion of Ischemic Stroke. Stroke, 2018, 49, .	2.0	0
64	Abstract WP184: Association Between Heart Failure With Preserved Ejection Fraction and Ischemic Stroke. Stroke, 2018, 49, .	2.0	0
65	Abstract TP194: Thrombophilia is Not Associated With Stroke Severity or Early Functional Outcomes in Young Adults With Ischemic Stroke. Stroke, 2018, 49, .	2.0	0
66	Abstract WP235: Risk of Arterial Ischemic Events After Non-Traumatic Subdural Hemorrhage. Stroke, 2020, 51, .	2.0	0
67	Abstract TMP13: Risk Stratification Models For Stroke In Patients Hospitalized With Covid-19 Infection: An American Heart Association Covid-19 CVD Registry Study. Stroke, 2022, 53, .	2.0	0