

# Michael D Escobar

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

6,188  
citations

147801

31  
h-index

76900

74  
g-index

80  
all docs

80  
docs citations

80  
times ranked

5030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian Density Estimation and Inference Using Mixtures. Journal of the American Statistical Association, 1995, 90, 577-588.	3.1	1,543
2	Evidence That Dyslexia May Represent the Lower Tail of a Normal Distribution of Reading Ability. New England Journal of Medicine, 1992, 326, 145-150.	27.0	615
3	Estimating Normal Means with a Dirichlet Process Prior. Journal of the American Statistical Association, 1994, 89, 268-277.	3.1	394
4	Fourteen-Year Follow-up of Speech/Language-Impaired and Control Children: Psychiatric Outcome. Journal of the American Academy of Child and Adolescent Psychiatry, 2001, 40, 75-82.	0.5	393
5	Fourteen-Year Follow-Up of Children With and Without Speech/Language Impairments. Journal of Speech, Language, and Hearing Research, 1999, 42, 744-760.	1.6	294
6	Young adult academic outcomes in a longitudinal sample of early identified language impaired and control children. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2002, 43, 635-645.	5.2	267
7	Bayesian Density Estimation and Inference Using Mixtures. Journal of the American Statistical Association, 1995, 90, 577.	3.1	262
8	Long term outcomes after moderate to severe traumatic brain injury. Disability and Rehabilitation, 2004, 26, 253-261.	1.8	187
9	The use of the Tobit model for analyzing measures of health status. Quality of Life Research, 2000, 9, 901-910.	3.1	184
10	Early Language Impairment and Young Adult Delinquent and Aggressive Behavior. Journal of Abnormal Child Psychology, 2004, 32, 453-467.	3.5	166
11	Effect of motor vehicle emissions on respiratory health in an urban area.. Environmental Health Perspectives, 2002, 110, 293-300.	6.0	109
12	Estimating Normal Means with a Dirichlet Process Prior. Journal of the American Statistical Association, 1994, 89, 268.	3.1	107
13	Development of chlorine dioxide-related by-product models for drinking water treatment. Water Research, 2002, 36, 330-342.	11.3	88
14	Eye tracking dysfunction in schizophrenia: Characterization of component eye movement abnormalities, diagnostic specificity, and the role of attention.. Journal of Abnormal Psychology, 1994, 103, 222-230.	1.9	83
15	Models and determinants of vocabulary growth from kindergarten to adulthood. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2008, 49, 626-634.	5.2	71
16	Cumulative Risk, Cumulative Outcome: A 20-Year Longitudinal Study. PLoS ONE, 2015, 10, e0127650.	2.5	69
17	Prior opiate injection and incarceration history predict injection drug use among inmates. Addiction, 2003, 98, 1257-1265.	3.3	64
18	A Risk Index for Sternal Surgical Wound Infection After Cardiovascular Surgery. Infection Control and Hospital Epidemiology, 2003, 24, 17-25.	1.8	64

#	ARTICLE	IF	CITATIONS
19	Experience of a network of transfusion coordinators for blood conservation (Ontario Transfusion) Tj ETQq1 1 0.784314 rgBT /Overloc	1.6	63
20	Long-term survival following traumatic brain injury. Disability and Rehabilitation, 2005, 27, 305-314.	1.8	60
21	Women's Health Outcomes After Traumatic Brain Injury. Journal of Women's Health, 2010, 19, 1109-1116.	3.3	60
22	Computing Nonparametric Hierarchical Models. Lecture Notes in Statistics, 1998, , 1-22.	0.2	57
23	Predictors of Postacute Mortality Following Traumatic Brain Injury in a Seriously Injured Population. Journal of Trauma, 2008, 64, 876-882.	2.3	57
24	Adolescent Substance Use Disorders: Findings From a 14-Year Follow-Up of Speech/Language-Impaired and Control Children. Journal of Clinical Child and Adolescent Psychology, 1999, 28, 312-321.	2.1	52
25	A provincial program of blood conservation: The Ontario Transfusion Coordinators (ONTraC). Transfusion and Apheresis Science, 2005, 33, 343-349.	1.0	50
26	Pathways to suicidality across ethnic groups in Canadian adults: the possible role of social stress. Psychological Medicine, 2008, 38, 419-431.	4.5	50
27	Associations between bacterial communities of house dust and infant gut. Environmental Research, 2014, 131, 25-30.	7.5	49
28	COMORBIDITY OF PSYCHIATRIC AND SUBSTANCE USE DISORDERS IN LATE ADOLESCENCE: A CLUSTER ANALYTIC APPROACH. American Journal of Drug and Alcohol Abuse, 2001, 27, 421-440.	2.1	44
29	Emerging adult outcomes of adolescent psychiatric and substance use disorders. Addictive Behaviors, 2009, 34, 800-805.	3.0	42
30	Are UN Peacekeepers at Risk for Suicide?. Suicide and Life-Threatening Behavior, 2001, 31, 103-112.	1.9	36
31	Mixture analysis of pursuit eye-tracking dysfunction in schizophrenia. Biological Psychiatry, 1993, 34, 331-340.	1.3	33
32	Hierarchical Bayesian modelling of geotechnical data: application to rock strength. Geotechnique, 2019, 69, 1056-1070.	4.0	32
33	Measuring heterogeneity in forensic databases using hierarchical Bayes models. Biometrika, 1998, 85, 269-287.	2.4	31
34	Comprehensive statistical analysis of intact rock strength for reliability-based design. International Journal of Rock Mechanics and Minings Sciences, 2018, 106, 374-387.	5.8	30
35	Risk of congenital anomalies in children of parents occupationally exposed to low level ionising radiation.. Occupational and Environmental Medicine, 1997, 54, 629-635.	2.8	28
36	Condom use among Aboriginal people in Ontario, Canada. International Journal of STD and AIDS, 1998, 9, 272-279.	1.1	25

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37	Nonparametric statistical inference method for partial areas under receiver operating characteristic curves, with application to genomic studies. <i>Statistics in Medicine</i> , 2008, 27, 5291-5308.	1.6	25
38	A Metropolis-Hastings based method for sampling from the G-Wishart distribution in Gaussian graphical models. <i>Electronic Journal of Statistics</i> , 2011, 5, .	0.7	25
39	Neck Injury Comorbidity in Concussion-Related Emergency Department Visits: A Population-Based Study of Sex Differences Across the Life Span. <i>Journal of Women's Health</i> , 2019, 28, 473-482.	3.3	25
40	Voluntary HIV Testing Among Inmates: Sociodemographic, Behavioral Risk, and Attitudinal Correlates. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2003, 32, 534-541.	2.1	24
41	Bayesian modeling of missing data in clinical research. <i>Computational Statistics and Data Analysis</i> , 2005, 49, 821-836.	1.2	22
42	Long-Term Health Service Outcomes Among Women With Traumatic Brain Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, S54-S63.	0.9	20
43	Using geographical information systems mapping to identify areas presenting high risk for traumatic brain injury. <i>Emerging Themes in Epidemiology</i> , 2011, 8, 7.	2.7	19
44	Comorbidity and outcomes in traumatic brain injury: protocol for a systematic review on functional status and risk of death. <i>BMJ Open</i> , 2017, 7, e018626.	1.9	17
45	Estimating thermal response metrics for North American freshwater fish using Bayesian phylogenetic regression. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 1878-1885.	1.4	17
46	Comorbidity in adults with traumatic brain injury and all-cause mortality: a systematic review. <i>BMJ Open</i> , 2019, 9, e029072.	1.9	17
47	Algorithm AS 262: A Two-Sample Test for Incomplete Multivariate Data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1991, 40, 202.	1.0	16
48	Data mining to understand health status preceding traumatic brain injury. <i>Scientific Reports</i> , 2019, 9, 5574.	3.3	16
49	A model-based prediction for transvaginal ultrasonographic identification of early intrauterine pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 1992, 166, 1495-1500.	1.3	14
50	MIXTURE MODELS FOR EYE-TRACKING DATA: A CASE STUDY. , 1996, 15, 1365-1376.		12
51	Local Norming of the Test of Adolescent/Adult Language-3 in the Ottawa Speech and Language Study. <i>Journal of Speech, Language, and Hearing Research</i> , 1999, 42, 761-766.	1.6	12
52	Nonparametric Bayesian methods in hierarchical models. <i>Journal of Statistical Planning and Inference</i> , 1995, 43, 97-106.	0.6	11
53	Non-negative matrix factorization temporal topic models and clinical text data identify COVID-19 pandemic effects on primary healthcare and community health in Toronto, Canada. <i>Journal of Biomedical Informatics</i> , 2022, 128, 104034.	4.3	11
54	Prediction of <i>Drosophila melanogaster</i> gene function using Support Vector Machines. <i>BioData Mining</i> , 2013, 6, 8.	4.0	10

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55	Data Mining to Understand How Health Status Preceding Traumatic Brain Injury Affects Functional Outcome: A Population-Based Sex-Stratified Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 1523-1531.	0.9	10
56	Sex-specific incident dementia in patients with central nervous system trauma. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 355-367.	2.4	9
57	A population-based sex-stratified study to understand how health status preceding traumatic brain injury affects direct medical cost. <i>PLoS ONE</i> , 2020, 15, e0240208.	2.5	9
58	Generalised Binomial Models to Examine the Historical Control Assumption in Active Control Equivalence Studies. <i>Journal of the Royal Statistical Society: Series D (the Statistician)</i> , 1989, 38, 61.	0.2	8
59	The use of finite mixture models to estimate the distribution of the health utilities index in the presence of a ceiling effect. <i>Journal of Applied Statistics</i> , 2003, 30, 909-923.	1.3	8
60	Pre-injury health status and excess mortality in persons with traumatic brain injury: A decade-long historical cohort study. <i>Preventive Medicine</i> , 2020, 139, 106213.	3.4	8
61	Comorbidity in traumatic brain injury and functional outcomes: a systematic review. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2021, 57, 535-550.	2.2	8
62	Analyzing differences between microbiome communities using mixture distributions. <i>Statistics in Medicine</i> , 2018, 37, 4036-4053.	1.6	7
63	A Time Series-Based Point Estimation of Stop Signal Reaction Times: More Evidence on the Role of Reactive Inhibition-Proactive Inhibition Interplay on the SSRT Estimations. <i>Brain Sciences</i> , 2020, 10, 598.	2.3	7
64	Sex-specific analysis of traumatic brain injury events: applying computational and data visualization techniques to inform prevention and management. <i>BMC Medical Research Methodology</i> , 2022, 22, 30.	3.1	7
65	Follow-Up Visit Patterns in an Antiretroviral Therapy (ART) Programme in Zomba, Malawi. <i>PLoS ONE</i> , 2014, 9, e101875.	2.5	6
66	A frequentist mixture modeling of stop signal reaction times. <i>Biostatistics and Epidemiology</i> , 2019, 3, 90-108.	0.4	5
67	A Bayesian Mixture Modelling of Stop Signal Reaction Time Distributions: The Second Contextual Solution for the Problem of Aftereffects of Inhibition on SSRT Estimations. <i>Brain Sciences</i> , 2021, 11, 1102.	2.3	5
68	9th Annual Rotman Research Institute Conference – Traumatic Brain Injury: Diagnosis, Outcome, and Rehabilitation – March 24 – 26, 1999. <i>Brain and Cognition</i> , 2000, 44, 19-34.	1.8	4
69	Decoding health status transitions of over 200 000 patients with traumatic brain injury from preceding injury to the injury event. <i>Scientific Reports</i> , 2022, 12, 5584.	3.3	4
70	The Impact of a Comorbid Spinal Cord Injury on Cognitive Outcomes of Male and Female Patients with Traumatic Brain Injury. <i>PM and R</i> , 2021, 13, 683-694.	1.6	3
71	Estimating total species using a weighted combination of expected mixture distribution component counts. <i>Environmental and Ecological Statistics</i> , 2020, 27, 447-465.	3.5	2
72	9th Annual Rotman Research Institute Conference – Traumatic Brain Injury: Diagnosis, Outcome, and Rehabilitation – March 24 – 26, 1999. <i>Brain and Cognition</i> , 2000, 44, 19-34.	1.8	2

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73	The Asymmetric Laplace Gaussian (ALG) Distribution as the Descriptive Model for the Internal Proactive Inhibition in the Standard Stop Signal Task. <i>Brain Sciences</i> , 2022, 12, 730.	2.3	2
74	Reading Disability in Children-Reply. <i>JAMA - Journal of the American Medical Association</i> , 1991, 265, 726.	7.4	1
75	Survival functions for defining a clinical management Lost To Follow-Up (LTFU) cut-off in Antiretroviral Therapy (ART) program in Zomba, Malawi. <i>BMC Medical Informatics and Decision Making</i> , 2016, 16, 52.	3.0	1
76	A semi-parametric estimate of extra-Poisson variation for vital rates by M. Fay and E. Feuer, <i>Statistics in Medicine</i> 1997;16:2389-2401. <i>Statistics in Medicine</i> , 2007, 26, 2131-2033.	1.6	0
77	Article 18: Women's Health Outcomes After Traumatic Brain Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009, 90, e8.	0.9	0
78	Sleep Disorders And Alzheimer's Disease In Traumatic Brain Injury: A Population-Based Cohort Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, e121.	0.9	0
79	794 Contribution of sleep disorders to dementia incidence following traumatic brain injury: A decade-long retrospective cohort study. <i>Sleep</i> , 2021, 44, A309-A310.	1.1	0
80	Comorbidity-Related Functional Implications In Traumatic Brain Injury: A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, e111.	0.9	0