Michael D Escobar

List of Publications by Year
in descending order

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	Sex-specific analysis of traumatic brain injury events: applying computational and data visualization techniques to inform prevention and management. BMC Medical Research Methodology, 2022, 22, 30.	3.1	7
2	Decoding health status transitions of over 200 000 patients with traumatic brain injury from preceding injury to the injury event. Scientific Reports, 2022, 12, 5584.	3.3	4
3	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. Journal of Biomedical Informatics, 2022, 128, 104034.	4.3	11
4	The Asymmetric Laplace Gaussian (ALG) Distribution as the Descriptive Model for the Internal Proactive Inhibition in the Standard Stop Signal Task. Brain Sciences, 2022, 12, 730.	2.3	2
5	The Impact of a Comorbid Spinal Cord Injury on Cognitive Outcomes of Male and Female Patients with Traumatic Brain Injury. PM and R, 2021, 13, 683-694.	1.6	3
6	794 Contribution of sleep disorders to dementia incidence following traumatic brain injury: A decade-long retrospective cohort study. Sleep, 2021, 44, A309-A310.	1.1	0
7	A Bayesian Mixture Modelling of Stop Signal Reaction Time Distributions: The Second Contextual Solution for the Problem of Aftereffects of Inhibition on SSRT Estimations. Brain Sciences, 2021, 11, 1102.	2.3	5
8	Comorbidity in traumatic brain injury and functional outcomes: a systematic review. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 535-550.	2.2	8
9	Comorbidity-Related Functional Implications In Traumatic Brain Injury: A Systematic Review. Archives of Physical Medicine and Rehabilitation, 2021, 102, e111.	0.9	0
10	Pre-injury health status and excess mortality in persons with traumatic brain injury: A decade-long historical cohort study. Preventive Medicine, 2020, 139, 106213.	3.4	8
11	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. Brain Sciences, 2020, 10, 598.	2.3	7
12	Data Mining to Understand How Health Status Preceding Traumatic Brain Injury Affects Functional Outcome: A Population-Based Sex-Stratified Study. Archives of Physical Medicine and Rehabilitation, 2020, 101, 1523-1531.	0.9	10
13	Estimating total species using a weighted combination of expected mixture distribution component counts. Environmental and Ecological Statistics, 2020, 27, 447-465.	3.5	2
14	A population-based sex-stratified study to understand how health status preceding traumatic brain injury affects direct medical cost. PLoS ONE, 2020, 15, e0240208.	2.5	9
15	A frequentist mixture modeling of stop signal reaction times. Biostatistics and Epidemiology, 2019, 3, 90-108.	0.4	5
16	Sex‐specific incident dementia in patients with central nervous system trauma. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 355-367.	2.4	9
17	Data mining to understand health status preceding traumatic brain injury. Scientific Reports, 2019, 9, 5574.	3.3	16
18	Comorbidity in adults with traumatic brain injury and all-cause mortality: a systematic review. BMJ Open, 2019, 9, e029072.	1.9	17

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19	Sleep Disorders And Alzheimer's Disease In Traumatic Brain Injury: A Population-Based Cohort Study. Archives of Physical Medicine and Rehabilitation, 2019, 100, e121.	0.9	0
20	Neck Injury Comorbidity in Concussion-Related Emergency Department Visits: A Population-Based Study of Sex Differences Across the Life Span. Journal of Women's Health, 2019, 28, 473-482.	3.3	25
21	Hierarchical Bayesian modelling of geotechnical data: application to rock strength. Geotechnique, 2019, 69, 1056-1070.	4.0	32
22	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
23	Analyzing differences between microbiome communities using mixture distributions. Statistics in Medicine, 2018, 37, 4036-4053.	1.6	7
24	Estimating thermal response metrics for North American freshwater fish using Bayesian phylogenetic regression. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 1878-1885.	1.4	17
25	Comorbidity and outcomes in traumatic brain injury: protocol for a systematic review on functional status and risk of death. BMJ Open, 2017, 7, e018626.	1.9	17
26	Survival functions for defining a clinical management Lost To Follow-Up (LTFU) cut-off in Antiretroviral Therapy (ART) program in Zomba, Malawi. BMC Medical Informatics and Decision Making, 2016, 16, 52.	3.0	1
27	Long-Term Health Service Outcomes Among Women With Traumatic Brain Injury. Archives of Physical Medicine and Rehabilitation, 2016, 97, S54-S63.	0.9	20
28	Cumulative Risk, Cumulative Outcome: A 20-Year Longitudinal Study. PLoS ONE, 2015, 10, e0127650.	2.5	69
29	Associations between bacterial communities of house dust and infant gut. Environmental Research, 2014, 131, 25-30.	7.5	49
30	Follow-Up Visit Patterns in an Antiretroviral Therapy (ART) Programme in Zomba, Malawi. PLoS ONE, 2014, 9, e101875.	2.5	6
31	Prediction of Drosophila melanogaster gene function using Support Vector Machines. BioData Mining, 2013, 6, 8.	4.0	10
32	A Metropolis-Hastings based method for sampling from the G-Wishart distribution in Gaussian graphical models. Electronic Journal of Statistics, 2011, 5, .	0.7	25
33	Using geographical information systems mapping to identify areas presenting high risk for traumatic brain injury. Emerging Themes in Epidemiology, 2011, 8, 7.	2.7	19
34	Women's Health Outcomes After Traumatic Brain Injury. Journal of Women's Health, 2010, 19, 1109-1116.	3.3	60
35	Article 18: Women's Health Outcomes After Traumatic Brain Injury. Archives of Physical Medicine and Rehabilitation, 2009, 90, e8.	0.9	0
36	Emerging adult outcomes of adolescent psychiatric and substance use disorders. Addictive Behaviors, 2009, 34, 800-805.	3.0	42

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37	Experience of a network of transfusion coordinators for blood conservation (Ontario Transfusion) Tj ETQq1 1 0.784314 rgBT /Overloc	1.6	63
38	Nonparametric statistical inference method for partial areas under receiver operating characteristic curves, with application to genomic studies. Statistics in Medicine, 2008, 27, 5291-5308.	1.6	25
39	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
40	Pathways to suicidality across ethnic groups in Canadian adults: the possible role of social stress. Psychological Medicine, 2008, 38, 419-431.	4.5	50
41	Predictors of Postacute Mortality Following Traumatic Brain Injury in a Seriously Injured Population. Journal of Trauma, 2008, 64, 876-882.	2.3	57
42	A semi-parametric estimate of extra-Poisson variation for vital rates by M. Fay and E. Feuer,Statistics in Medicine 1997;16:2389â€"2401. Statistics in Medicine, 2007, 26, 2131-2033.	1.6	0
43	Bayesian modeling of missing data in clinical research. Computational Statistics and Data Analysis, 2005, 49, 821-836.	1.2	22
44	Long-term survival following traumatic brain injury. Disability and Rehabilitation, 2005, 27, 305-314.	1.8	60
45	A provincial program of blood conservation: The Ontario Transfusion Coordinators (ONTraC). Transfusion and Apheresis Science, 2005, 33, 343-349.	1.0	50
46	Long term outcomes after moderate to severe traumatic brain injury. Disability and Rehabilitation, 2004, 26, 253-261.	1.8	187
47	Early Language Impairment and Young Adult Delinquent and Aggressive Behavior. Journal of Abnormal Child Psychology, 2004, 32, 453-467.	3.5	166
48	Prior opiate injection and incarceration history predict injection drug use among inmates. Addiction, 2003, 98, 1257-1265.	3.3	64
49	A Risk Index for Sternal Surgical Wound Infection After Cardiovascular Surgery. Infection Control and Hospital Epidemiology, 2003, 24, 17-25.	1.8	64
50	The use of finite mixture models to estimate the distribution of the health utilities index in the presence of a ceiling effect. Journal of Applied Statistics, 2003, 30, 909-923.	1.3	8
51	Voluntary HIV Testing Among Inmates: Sociodemographic, Behavioral Risk, and Attitudinal Correlates. Journal of Acquired Immune Deficiency Syndromes (1999), 2003, 32, 534-541.	2.1	24
52	Development of chlorine dioxide-related by-product models for drinking water treatment. Water Research, 2002, 36, 330-342.	11.3	88
53	Effect of motor vehicle emissions on respiratory health in an urban area.. Environmental Health Perspectives, 2002, 110, 293-300.	6.0	109
54	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

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55	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
56	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
57	Are UN Peacekeepers at Risk for Suicide?. Suicide and Life-Threatening Behavior, 2001, 31, 103-112.	1.9	36
58	9th Annual Rotman Research Institute Conference â€Traumatic Brain Injury: Diagnosis, Outcome, and Rehabilitationâ€œ March 24â€"26, 1999. Brain and Cognition, 2000, 44, 19-34.	1.8	4
59	The use of the Tobit model for analyzing measures of health status. Quality of Life Research, 2000, 9, 901-910.	3.1	184
60	9th Annual Rotman Research Institute Conference â€Traumatic Brain Injury: Diagnosis, Outcome, and Rehabilitationâ€œ March 24â€"26, 1999. Brain and Cognition, 2000, 44, 19-34.	1.8	2
61	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
62	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
63	Local Norming of the Test of Adolescent/Adult Language-3 in the Ottawa Speech and Language Study. Journal of Speech, Language, and Hearing Research, 1999, 42, 761-766.	1.6	12
64	Computing Nonparametric Hierarchical Models. Lecture Notes in Statistics, 1998, , 1-22.	0.2	57
65	Measuring heterogeneity in forensic databases using hierarchical Bayes models. Biometrika, 1998, 85, 269-287.	2.4	31
66	Condom use among Aboriginal people in Ontario, Canada. International Journal of STD and AIDS, 1998, 9, 272-279.	1.1	25
67	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
68	MIXTURE MODELS FOR EYE-TRACKING DATA: A CASE STUDY. , 1996, 15, 1365-1376.		12
69	Nonparametric Bayesian methods in hierarchical models. Journal of Statistical Planning and Inference, 1995, 43, 97-106.	0.6	11
70	Bayesian Density Estimation and Inference Using Mixtures. Journal of the American Statistical Association, 1995, 90, 577-588.	3.1	1,543
71	Bayesian Density Estimation and Inference Using Mixtures. Journal of the American Statistical Association, 1995, 90, 577.	3.1	262
72	Estimating Normal Means with a Dirichlet Process Prior. Journal of the American Statistical Association, 1994, 89, 268-277.	3.1	394

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73	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
74	Estimating Normal Means with a Dirichlet Process Prior. Journal of the American Statistical Association, 1994, 89, 268.	3.1	107
75	Mixture analysis of pursuit eye-tracking dysfunction in schizophrenia. Biological Psychiatry, 1993, 34, 331-340.	1.3	33
76	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
77	A model-based prediction for transvaginal ultrasonographic identification of early intrauterine pregnancy. American Journal of Obstetrics and Gynecology, 1992, 166, 1495-1500.	1.3	14
78	Algorithm AS 262: A Two-Sample Test for Incomplete Multivariate Data. Journal of the Royal Statistical Society Series C: Applied Statistics, 1991, 40, 202.	1.0	16
79	Reading Disability in Children-Reply. JAMA - Journal of the American Medical Association, 1991, 265, 726.	7.4	1
80	Generalised Binomial Models to Examine the Historical Control Assumption in Active Control Equivalence Studies. Journal of the Royal Statistical Society: Series D (the Statistician), 1989, 38, 61.	0.2	8