Jacob J Oleson

List of Publications by Year
in descending order

53 papers	1,608 citations	430874 18 h-index	330143 37 g-index
55 all docs	55 docs citations	55 times ranked	1510 citing authors

#	Article	IF	Citations
1	Hybrid 10 Clinical Trial. Audiology and Neuro-Otology, 2009, 14, 32-38.	1.3	210
2	Music Perception with Cochlear Implants and Residual Hearing. Audiology and Neuro-Otology, 2006, 11, 12-15.	1.3	207
3	Longitudinal Speech Perception and Language Performance in Pediatric Cochlear Implant Users. Ear and Hearing, 2014, 35, 148-160.	2.1	130
4	Multicenter clinical trial of the Nucleus Hybrid S8 cochlear implant: Final outcomes. Laryngoscope, 2016, 126, 962-973.	2.0	113
5	Hearing Preservation Among Patients Undergoing Cochlear Implantation. Otology and Neurotology, 2015, 36, 416-421.	1.3	71
6	History of Gestational Diabetes Mellitus in Relation to Cardiovascular Disease and Cardiovascular Risk Factors in US Women. Frontiers in Endocrinology, 2017, 8, 144.	3.5	62
7	Delayed changes in auditory status in cochlear implant users with preserved acoustic hearing. Hearing Research, 2017, 350, 45-57.	2.0	56
8	Incidence and Survival Among Young Women With Stage Iâ€“III Breast Cancer: SEER 2000â€“2015. JNCI Cancer Spectrum, 2019, 3, pkz040.	2.9	53
9	Efficacy and Effectiveness of Advanced Hearing Aid Directional and Noise Reduction Technologies for Older Adults With Mild to Moderate Hearing Loss. Ear and Hearing, 2019, 40, 805-822.	2.1	52
10	Effects of Long-Term Use of a Cochlear Implant on the Electrically Evoked Compound Action Potential. Journal of the American Academy of Audiology, 2010, 21, 005-015.	0.7	48
11	Acoustic plus electric speech processing: Longâ€term results. Laryngoscope, 2018, 128, 473-481.	2.0	47
12	Spatial variation in soil inorganic nitrogen across an arid urban ecosystem. Urban Ecosystems, 2005, 8, 251-273.	2.4	44
13	Comorbid infections induce progression of visceral leishmaniasis. Parasites and Vectors, 2019, 12, 54.	2.5	29
14	The Evolution of Statistical Methods in Speech, Language, and Hearing Sciences. Journal of Speech, Language, and Hearing Research, 2019, 62, 498-506.	1.6	28
15	Cognitive changes associated with switching to frequent nocturnal hemodialysis or renal transplantation. BMC Nephrology, 2016, 17, 12.	1.8	27
16	Prevalence and descriptive epidemiology of infantile hypertrophic pyloric stenosis in the United States: A multistate, populationâ€based retrospective study, 1999â€“2010. Birth Defects Research, 2019, 111, 159-169.	1.5	22
17	Detecting time-specific differences between temporal nonlinear curves: Analyzing data from the visual world paradigm. Statistical Methods in Medical Research, 2017, 26, 2708-2725.	1.5	21
18	Rural disparities in surgical care from gynecologic oncologists among Midwestern ovarian cancer patients. Gynecologic Oncology, 2021, 160, 477-484.	1.4	21

#	Article	IF	Citations
19	Approximate Bayesian computation for spatial SEIR(S) epidemic models. Spatial and Spatio-temporal Epidemiology, 2018, 24, 27-37.	1.7	20
20	High Risk Factors Associated With Early Childhood Hearing Loss: A 3-Year Review. American Journal of Audiology, 2017, 26, 129-142.	1.2	19
21	A Pathâ€Specific SEIR Model for use with General Latent and Infectious Time Distributions. Biometrics, 2013, 69, 101-108.	1.4	18
22	An Empirically Adjusted Approach to Reproductive Number Estimation for Stochastic Compartmental Models: A Case Study of Two Ebola Outbreaks. Biometrics, 2016, 72, 335-343.	1.4	18
23	The Influence of Forced Social Isolation on the Auditory Ecology and Psychosocial Functions of Listeners With Cochlear Implants During COVID-19 Mitigation Efforts. Ear and Hearing, 2021, 42, 20-28.	2.1	17
24	Impact of travel distance on WISEWOMAN Intervention attendance for a rural population. Preventive Medicine, 2008, 47, 565-569.	3.4	16
25	Bayesian credible intervals for binomial proportions in a single patient trial. Statistical Methods in Medical Research, 2010, 19, 559-574.	1.5	16
26	Essential Statistical Concepts for Research in Speech, Language, and Hearing Sciences. Journal of Speech, Language, and Hearing Research, 2019, 62, 489-497.	1.6	16
27	Neighborhood and family social capital and parentâ€reported oral health of children in Iowa. Community Dentistry and Oral Epidemiology, 2015, 43, 569-577.	1.9	15
28	Residual Hair Cell Responses in Electric-Acoustic Stimulation Cochlear Implant Users with Complete Loss of Acoustic Hearing After Implantation. JARO - Journal of the Association for Research in Otolaryngology, 2021, 22, 161-176.	1.8	15
29	Access and Polarization Electrode Impedance Changes in Electric-Acoustic Stimulation Cochlear Implant Users with Delayed Loss of Acoustic Hearing. JARO - Journal of the Association for Research in Otolaryngology, 2022, 23, 95-118.	1.8	15
30	Maternal Leishmania infantum infection status has significant impact on leishmaniasis in offspring. PLoS Neglected Tropical Diseases, 2019, 13, e0007058.	3.0	14
31	Predominant risk factors for tick-borne co-infections in hunting dogs from the USA. Parasites and Vectors, 2020, 13, 247.	2.5	14
32	Chronic cochlear implantation with and without electric stimulation in a mouse model induces robust cochlear influx of CX3CR1+/GFP macrophages. Hearing Research, 2022, 426, 108510.	2.0	14
33	A Bayesian Dynamic Spatio-Temporal Interaction Model: An Application to Prostate Cancer Incidence. Geographical Analysis, 2007, 40, 77-96.	3.5	13
34	Statistical Considerations for Analyzing Ecological Momentary Assessment Data. Journal of Speech, Language, and Hearing Research, 2022, 65, 344-360.	1.6	12
35	Nucleus Hybrid S12: Multicenter Clinical Trial Results. Laryngoscope, 2020, 130, E548-E558.	2.0	11
36	Space-time modeling for the Missouri Turkey Hunting Survey. Environmental and Ecological Statistics, 2004, 11, 85-101.	3.5	8

#	Article	IF	Citations
37	Estimating soil properties in heterogeneous land-use patches: a Bayesian approach. Environmetrics, 2006, 17, 517-525.	1.4	8
38	A Bayesian approach to functional mixedâ€effects modeling for longitudinal data with binomial outcomes. Statistics in Medicine, 2014, 33, 3130-3146.	1.6	8
39	Incidence and Survival in Reproductive-Aged Women with Differentiated Thyroid Cancer: United States SEER 18 2000â€“2016. Thyroid, 2020, 30, 1781-1791.	4.5	7
40	A spatial epidemic model for disease spread over a heterogeneous spatial support. Statistics in Medicine, 2016, 35, 721-733.	1.6	6
41	Combining growth curves when a longitudinal study switches measurement tools. Statistical Methods in Medical Research, 2016, 25, 2925-2938.	1.5	6
42	Comparison of In-Situ and Retrospective Self-Reports on Assessing Hearing Aid Outcomes. Journal of the American Academy of Audiology, 2020, 31, 746-762.	0.7	6
43	Adjusting Nonresponse Bias at Subdomain Levels using Multiple Response Phases. Biometrical Journal, 2008, 50, 58-70.	1.0	5
44	Predicting infectious disease outbreak risk via migratory waterfowl vectors. Journal of Applied Statistics, 2013, 40, 656-673.	1.3	5
45	A multivariate CAR model for mismatched lattices. Spatial and Spatio-temporal Epidemiology, 2014, 11, 79-88.	1.7	5
46	Integrating independent spatioâ€temporal replications to assess population trends in disease spread. Statistics in Medicine, 2016, 35, 5210-5221.	1.6	5
47	Impact of Surgeon Type and Rurality on Treatment and Survival of Ovarian Cancer Patients. American Journal of Clinical Oncology: Cancer Clinical Trials, 2021, 44, 544-551.	1.3	5
48	Spatiotemporal modeling of irregularly spaced aerosol optical depth data. Environmental and Ecological Statistics, 2013, 20, 297-314.	3.5	4
49	Comparison of T₁Rho MRI, Glucose Metabolism, and Amyloid Burden Across the Cognitive Spectrum: A Pilot Study. Journal of Neuropsychiatry and Clinical Neurosciences, 2020, 32, 352-361.	1.8	4
50	Studying children's growth in selfâ€regulation using changing measures to account for heterotypic continuity: A Bayesian approach to developmental scaling. Developmental Science, 2022, 25, .	2.4	4
51	Hierarchical Bayesian Modeling in Dichotomous Processes in the Presence of Nonresponse. Biometrics, 2004, 60, 50-59.	1.4	3
52	An individual level infectious disease model in the presence of uncertainty from multiple, imperfect diagnostic tests. Biometrics, 2023, 79, 426-436.	1.4	3
53	Modeling population and subject-specific growth in a latent trait measured by multiple instruments over time using a hierarchical Bayesian framework. Journal of Applied Statistics, 2020, 49, 1-17.	1.3	1