Katherine J Lee

List of Publications by Year
in descending order

110 papers	7,101 citations	57758 44 h-index	62596 80 g-index
110 all docs	110 docs citations	110 times ranked	9794 citing authors

#	Article	IF	Citations
1	Multiple Imputation for Missing Data: Fully Conditional Specification Versus Multivariate Normal Imputation. American Journal of Epidemiology, 2010, 171, 624-632.	3.4	594
2	Arterial ischemic stroke risk factors: The international pediatric stroke study. Annals of Neurology, 2011, 69, 130-140.	5.3	355
3	The rise of multiple imputation: a review of the reporting and implementation of the method in medical research. BMC Medical Research Methodology, 2015, 15, 30.	3.1	277
4	Breast Milk Feeding, Brain Development, and Neurocognitive Outcomes: A 7-Year Longitudinal Study in Infants Born at Less Than 30 Weeks' Gestation. Journal of Pediatrics, 2016, 177, 133-139.e1.	1.8	217
5	Prevalence of motor‐skill impairment in preterm children who do not develop cerebral palsy: a systematic review. Developmental Medicine and Child Neurology, 2010, 52, 232-237.	2.1	208
6	Early Emergence of Behavior and Social-Emotional Problems in Very Preterm Infants. Journal of the American Academy of Child and Adolescent Psychiatry, 2009, 48, 909-918.	0.5	203
7	Association Between Moderate and Late Preterm Birth and Neurodevelopment and Social-Emotional Development at Age 2 Years. JAMA Pediatrics, 2017, 171, e164805.	6.2	200
8	Psychiatric outcomes at age seven for very preterm children: rates and predictors. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2013, 54, 772-779.	5.2	192
9	Should multiple imputation be the method of choice for handling missing data in randomized trials?. Statistical Methods in Medical Research, 2018, 27, 2610-2626.	1.5	179
10	Intussusception Risk and Disease Prevention Associated With Rotavirus Vaccines in Australia's National Immunization Program. Clinical Infectious Diseases, 2013, 57, 1427-1434.	5.8	178
11	Evolution of Depression and Anxiety Symptoms in Parents of Very Preterm Infants During the Newborn Period. JAMA Pediatrics, 2016, 170, 863.	6.2	154
12	Very Preterm Birth Influences Parental Mental Health and Family Outcomes Seven Years after Birth. Journal of Pediatrics, 2014, 164, 515-521.	1.8	150
13	Bayley-III Cognitive and Language Scales in Preterm Children. Pediatrics, 2015, 135, e1258-e1265.	2.1	139
14	A comparison of multiple imputation methods for missing data in longitudinal studies. BMC Medical Research Methodology, 2018, 18, 168.	3.1	138
15	140 mmol/L of sodium versus 77 mmol/L of sodium in maintenance intravenous fluid therapy for children in hospital (PIMS): a randomised controlled double-blind trial. Lancet, The, 2015, 385, 1190-1197.	13.7	136
16	Framework for the treatment and reporting of missing data in observational studies: The Treatment And Reporting of Missing data in Observational Studies framework. Journal of Clinical Epidemiology, 2021, 134, 79-88.	5.0	133
17	Neonatal white matter abnormality predicts childhood motor impairment in very preterm children. Developmental Medicine and Child Neurology, 2011, 53, 1000-1006.	2.1	130
18	Preventive Care at Home for Very Preterm Infants Improves Infant and Caregiver Outcomes at 2 Years. Pediatrics, 2010, 126, e171-e178.	2.1	122

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19	Model checking in multiple imputation: an overview and case study. Emerging Themes in Epidemiology, 2017, 14, 8.	2.7	122
20	Flexible parametric models for random‐effects distributions. Statistics in Medicine, 2008, 27, 418-434.	1.6	113
21	General Movements in Very Preterm Children and Neurodevelopment at 2 and 4 Years. Pediatrics, 2013, 132, e452-e458.	2.1	106
22	Neonatal brain abnormalities and memory and learning outcomes at 7 years in children born very preterm. Memory, 2014, 22, 605-615.	1.7	103
23	Associations of Newborn Brain Magnetic Resonance Imaging with Long-Term Neurodevelopmental Impairments in Very Preterm Children. Journal of Pediatrics, 2017, 187, 58-65.e1.	1.8	103
24	Regional white matter microstructure in very preterm infants: Predictors and 7 year outcomes. Cortex, 2014, 52, 60-74.	2.4	101
25	Increasing airway obstruction from 8 to 18 years in extremely preterm/low-birthweight survivors born in the surfactant era. Thorax, 2017, 72, 712-719.	5.6	98
26	Human Neonatal Rotavirus Vaccine (RV3-BB) to Target Rotavirus from Birth. New England Journal of Medicine, 2018, 378, 719-730.	27.0	98
27	Expiratory airflow in late adolescence and early adulthood in individuals born very preterm or with very low birthweight compared with controls born at term or with normal birthweight: a meta-analysis of individual participant data. Lancet Respiratory Medicine,the, 2019, 7, 677-686.	10.7	98
28	Does the Bayley‐III Motor Scale at 2 years predict motor outcome at 4 years in very preterm children?. Developmental Medicine and Child Neurology, 2013, 55, 448-452.	2.1	96
29	Family functioning, burden and parenting stress 2years after very preterm birth. Early Human Development, 2011, 87, 427-431.	1.8	95
30	Clustering by health professional in individually randomised trials. BMJ: British Medical Journal, 2005, 330, 142-144.	2.3	90
31	Parental Mental Health and Early Social-emotional Development of Children Born Very Preterm. Journal of Pediatric Psychology, 2010, 35, 768-777.	2.1	88
32	Introduction to multiple imputation for dealing with missing data. Respirology, 2014, 19, 162-167.	2.3	85
33	The use of random effects models to allow for clustering in individually randomized trials. Clinical Trials, 2005, 2, 163-173.	1.6	71
34	Safety and immunogenicity of RV3-BB human neonatal rotavirus vaccine administered at birth or in infancy: a randomised, double-blind, placebo-controlled trial. Lancet Infectious Diseases, The, 2015, 15, 1389-1397.	9.1	70
35	Brain Volumes at Term-Equivalent Age Are Associated with 2-Year Neurodevelopment in Moderate and Late Preterm Children. Journal of Pediatrics, 2016, 174, 91-97.e1.	1.8	70
36	Recovery of information from multiple imputation: a simulation study. Emerging Themes in Epidemiology, 2012, 9, 3.	2.7	69

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37	Comparison of methods for imputing limited-range variables: a simulation study. BMC Medical Research Methodology, 2014, 14, 57.	3.1	68
38	Long-term Benefits of Home-based Preventive Care for Preterm Infants: A Randomized Trial. Pediatrics, 2012, 130, 1094-1101.	2.1	63
39	Social-Emotional Difficulties in Very Preterm and Term 2 Year Olds Predict Specific Social-Emotional Problems at the Age of 5 Years. Journal of Pediatric Psychology, 2012, 37, 779-785.	2.1	62
40	Bias and Precision of the â€œMultiple Imputation, Then Deletionâ€•Method for Dealing With Missing Outcome Data. American Journal of Epidemiology, 2015, 182, 528-534.	3.4	60
41	Neonatal basal ganglia and thalamic volumes: very preterm birth and 7-year neurodevelopmental outcomes. Pediatric Research, 2017, 82, 970-978.	2.3	59
42	Structural connectivity relates to perinatal factors and functional impairment at 7 years in children born very preterm. NeuroImage, 2016, 134, 328-337.	4.2	58
43	Neurobehaviour at termâ€equivalent age and neurodevelopmental outcomes at 2 years in infants born moderateâ€toâ€late preterm. Developmental Medicine and Child Neurology, 2017, 59, 207-215.	2.1	57
44	Association between Postnatal Dexamethasone for Treatment of Bronchopulmonary Dysplasia and Brain Volumes at Adolescence in Infants Born Very Preterm. Journal of Pediatrics, 2014, 164, 737-743.e1.	1.8	52
45	Temporal Trends in Neurodevelopmental Outcomes to 2 Years After Extremely Preterm Birth. JAMA Pediatrics, 2021, 175, 1035.	6.2	51
46	Multiple imputation in the presence of non-normal data. Statistics in Medicine, 2017, 36, 606-617.	1.6	50
47	Multiple imputation for missing data in a longitudinal cohort study: a tutorial based on a detailed case study involving imputation of missing outcome data. International Journal of Social Research Methodology: Theory and Practice, 2016, 19, 575-591.	4.4	46
48	Changes in long-term prognosis with increasing postnatal survival and the occurrence of postnatal morbidities in extremely preterm infants offered intensive care: a prospective observational study. The Lancet Child and Adolescent Health, 2018, 2, 872-879.	5.6	46
49	Peripheral nerve ultrasound in pediatric Charcot-Marie-Tooth disease type 1A. Neurology, 2015, 84, 569-574.	1.1	42
50	Preterm Birth and Maternal Mental Health: Longitudinal Trajectories and Predictors. Journal of Pediatric Psychology, 2019, 44, 736-747.	2.1	41
51	Topical Lidocaine to Improve Oral Intake inÂChildrenÂWithÂPainful Infectious Mouth Ulcers: AÂBlinded,ÂRandomized, Placebo-Controlled Trial. Annals of Emergency Medicine, 2014, 63, 292-299.	0.6	39
52	The role of social risk in an early preventative care programme for infants born very preterm: a randomized controlled trial. Developmental Medicine and Child Neurology, 2018, 60, 54-62.	2.1	39
53	A randomized controlled trial of cognitive behaviour therapy to improve glycaemic control and psychosocial wellbeing in adolescents with type 1 diabetes. Journal of Health Psychology, 2016, 21, 1157-1169.	2.3	38
54	Psychiatric disorders in individuals born very preterm / very low-birth weight: An individual participant data (IPD) meta-analysis. EClinicalMedicine, 2021, 42, 101216.	7.1	37

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55	Sensory profiles of children born <30weeks' gestation at 2years of age and their environmental and biological predictors. Early Human Development, 2013, 89, 727-732.	1.8	34
56	Neonatal brain abnormalities associated with autism spectrum disorder in children born very preterm. Autism Research, 2016, 9, 543-552.	3.8	34
57	An open label pilot study of a dexmedetomidineâ€remifentanilâ€caudal anesthetic for infant lower abdominal/lower extremity surgery: The T REX pilot study. Paediatric Anaesthesia, 2019, 29, 59-67.	1.1	33
58	Long-Term Academic Functioning Following Cogmed Working Memory Training for Children Born Extremely Preterm: A Randomized Controlled Trial. Journal of Pediatrics, 2018, 202, 92-97.e4.	1.8	32
59	Predictive value of the Movement Assessment Battery for Children â€•Second Edition at 4Âyears, for motor impairment at 8Âyears in children born preterm. Developmental Medicine and Child Neurology, 2017, 59, 490-496.	2.1	31
60	Multiple imputation for handling missing outcome data when estimating the relative risk. BMC Medical Research Methodology, 2017, 17, 134.	3.1	31
61	Nutrition, Growth, Brain Volume, and Neurodevelopment in Very Preterm Children. Journal of Pediatrics, 2019, 215, 50-55.e3.	1.8	31
62	Accuracy of Two Motor Assessments during the First Year of Life in Preterm Infants for Predicting Motor Outcome at Preschool Age. PLoS ONE, 2015, 10, e0125854.	2.5	29
63	Canonical Causal Diagrams to Guide the Treatment of Missing Data in Epidemiologic Studies. American Journal of Epidemiology, 2018, 187, 2705-2715.	3.4	29
64	Accelerated corpus callosum development in prematurity predicts improved outcome. Human Brain Mapping, 2015, 36, 3733-3748.	3.6	27
65	Effect of Treatment of Clinical Seizures vs Electrographic Seizures in Full-Term and Near-Term Neonates. JAMA Network Open, 2021, 4, e2139604.	5.9	25
66	Early general movements and brain magnetic resonance imaging at term-equivalent age in infants born <30weeks' gestation. Early Human Development, 2016, 101, 63-68.	1.8	24
67	Brain structural and microstructural alterations associated with cerebral palsy and motor impairments in adolescents born extremely preterm and/or extremely low birthweight. Developmental Medicine and Child Neurology, 2015, 57, 1168-1175.	2.1	23
68	A systematic review of the burden of neonatal mortality and morbidity in the ASEAN Region. WHO South-East Asia Journal of Public Health, 2012, 1, 239.	0.7	21
69	Treatment of missing data in follow-up studies of randomised controlled trials: A systematic review of the literature. Clinical Trials, 2017, 14, 387-395.	1.6	20
70	Feasibility and acceptability of the multi-component P3-MumBubVax antenatal intervention to promote maternal and childhood vaccination: A pilot study. Vaccine, 2020, 38, 4024-4031.	3.8	20
71	Rates and Stability of Mental Health Disorders in Children Born Very Preterm at 7 and 13 Years. Pediatrics, 2020, 145, .	2.1	19
72	Comparison of methods for imputing ordinal data using multivariate normal imputation: a case study of nonâ€linear effects in a large cohort study. Statistics in Medicine, 2012, 31, 4164-4174.	1.6	18

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73	Diagnosing problems with imputation models using the Kolmogorov-Smirnov test: a simulation study. BMC Medical Research Methodology, 2013, 13, 144.	3.1	18
74	The impact of missing data on analyses of a time-dependent exposure in a longitudinal cohort: a simulation study. Emerging Themes in Epidemiology, 2013, 10, 6.	2.7	17
75	Prevalence and reporting of recruitment, randomisation and treatment errors in clinical trials: A systematic review. Clinical Trials, 2018, 15, 278-285.	1.6	17
76	Strength, Motor Skills, and Physical Activity in Preschool-Aged Children Born Either at Less Than 30ÂWeeks of Gestation or at Term. Physical Therapy, 2021, 101, .	2.4	17
77	Practical strategies for handling breakdown of multiple imputation procedures. Emerging Themes in Epidemiology, 2021, 18, 5.	2.7	16
78	Randomized Controlled Trial Evaluating the Use of Zoledronic Acid in Duchenne Muscular Dystrophy. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2328-2342.	3.6	16
79	Neuropredictors of oromotor feeding impairment in 12 month-old children. Early Human Development, 2017, 111, 49-55.	1.8	15
80	Evaluation of approaches for multiple imputation of three-level data. BMC Medical Research Methodology, 2020, 20, 207.	3.1	15
81	Statistics for clinicians: An introduction to linear regression. Journal of Paediatrics and Child Health, 2014, 50, 940-943.	0.8	14
82	Statistics for clinicians: An introduction to logistic regression. Journal of Paediatrics and Child Health, 2015, 51, 670-673.	0.8	14
83	A comparison of multiple imputation strategies for handling missing data in multiâ€item scales: Guidance for longitudinal studies. Statistics in Medicine, 2021, 40, 4660-4674.	1.6	14
84	Evaluation of a weighting approach for performing sensitivity analysis after multiple imputation. BMC Medical Research Methodology, 2015, 15, 83.	3.1	12
85	Neonatal brain abnormalities and brain volumes associated with goal setting outcomes in very preterm 13-year-olds. Brain Imaging and Behavior, 2020, 14, 1062-1073.	2.1	12
86	Multiple imputation methods for handling missing values in longitudinal studies with sampling weights: Comparison of methods implemented in Stata. Biometrical Journal, 2021, 63, 354-371.	1.0	12
87	Posterior predictive checking of multiple imputation models. Biometrical Journal, 2015, 57, 676-694.	1.0	11
88	Prevalence of Low Birth Weight and Prematurity and Associated Factors in Neonates in Ethiopia: Results from a Hospital-based Observational Study. Ethiopian Journal of Health Sciences, 2019, 29, 677-688.	0.4	11
89	Does cannabidiol reduce severe behavioural problems in children with intellectual disability? Study protocol for a pilot single-site phase I/II randomised placebo controlled trial. BMJ Open, 2020, 10, e034362.	1.9	11
90	Children with cerebral palsy and periventricular white matter injury: Does gestational age affect functional outcome?. Research in Developmental Disabilities, 2013, 34, 2500-2506.	2.2	10

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91	The causal effect of being born extremely preterm or extremely low birthweight on neurodevelopment and social‐emotional development at 2 years. Acta Paediatrica, International Journal of Paediatrics, 2022, 111, 107-114.	1.5	9
92	Fractional polynomial adjustment for time‐varying covariates in a self‐controlled case series analysis. Statistics in Medicine, 2014, 33, 105-116.	1.6	8
93	Family Functioning and Mood and Anxiety Symptoms in Adolescents Born Extremely Preterm. Journal of Developmental and Behavioral Pediatrics, 2017, 38, 39-48.	1.1	8
94	Speech and Language Impairments After Childhood Arterial Ischemic Stroke: Does Hemisphere Matter?. Pediatric Neurology, 2019, 92, 55-59.	2.1	7
95	Immunogenicity of four doses of oral poliovirus vaccine when co-administered with the human neonatal rotavirus vaccine (RV3-BB). Vaccine, 2019, 37, 7233-7239.	3.8	6
96	Brain White Matter Development Over the First 13 Years in Very Preterm and Typically Developing Children Based on the T_1-w/ T_2-w Ratio. Neurology, 2022, 98, .	1.1	6
97	Oral Ondansetron to Reduce Vomiting in Children Receiving Intranasal Fentanyl and Inhaled Nitrous Oxide for Procedural Sedation and Analgesia: A Randomized Controlled Trial. Annals of Emergency Medicine, 2020, 75, 735-743.	0.6	5
98	Multiple imputation for handling missing outcome data in randomized trials involving a mixture of independent and paired data. Statistics in Medicine, 2021, 40, 6008-6020.	1.6	4
99	Conducting Clinical Trials in Twin Populations: A Review of Design, Analysis, Recruitment and Ethical Issues for Twin-Only Trials. Twin Research and Human Genetics, 2021, 24, 359-364.	0.6	4
100	Neurodevelopmental Outcomes and Neural Mechanisms Associated with Non-right Handedness in Children Born Very Preterm. Journal of the International Neuropsychological Society, 2015, 21, 610-621.	1.8	3
101	Maternal Mental Health Disorders Following Very Preterm Birth at 5 Years Post-Birth. Journal of Pediatric Psychology, 2022, 47, 327-336.	2.1	3
102	Parenting and Neurobehavioral Outcomes in Children Born Moderate-to-Late Preterm and at Term. Journal of Pediatrics, 2022, 241, 90-96.e2.	1.8	3
103	Development of regional brain gray matter volume across the first 13 years of life is associated with childhood math computation ability for children born very preterm and full term. Brain and Cognition, 2022, 160, 105875.	1.8	3
104	Multiple imputation of semi‐continuous exposure variables that are categorized for analysis. Statistics in Medicine, 2021, 40, 6093-6106.	1.6	2
105	School Readiness in Children Born <30 Weeks' Gestation at Risk for Developmental Coordination Disorder: A Prospective Cohort Study. Journal of Developmental and Behavioral Pediatrics, 2022, 43, e312-e319.	1.1	2
106	Evaluation of approaches for accommodating interactions and non‐linear terms in multiple imputation of incomplete three‐level data. Biometrical Journal, 2022, 64, 1404-1425.	1.0	2
107	Evaluation of multiple imputation approaches for handling missing covariate information in a case-cohort study with a binary outcome. BMC Medical Research Methodology, 2022, 22, 87.	3.1	2
108	Isotonic fluid for intravenous hydration maintenance in children – Authors' reply. Lancet, The, 2015, 386, 136.	13.7	1

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109	Antenatal Magnesium Sulfate and Outcomes for School-aged Children—Reply. JAMA - Journal of the American Medical Association, 2015, 313, 306.	7.4	1
110	1223Handling missing data for causal effect estimation in cohort studies using Targeted Maximum Likelihood Estimation. International Journal of Epidemiology, 2021, 50, .	1.9	0