

# Katherine J Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Maternal Mental Health Disorders Following Very Preterm Birth at 5 Years Post-Birth. <i>Journal of Pediatric Psychology</i> , 2022, 47, 327-336.	2.1	3
2	The causal effect of being born extremely preterm or extremely low birthweight on neurodevelopment and social-emotional development at 2 years. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2022, 111, 107-114.	1.5	9
3	Parenting and Neurobehavioral Outcomes in Children Born Moderate-to-Late Preterm and at Term. <i>Journal of Pediatrics</i> , 2022, 241, 90-96.e2.	1.8	3
4	School Readiness in Children Born <math>30</math> Weeks' Gestation at Risk for Developmental Coordination Disorder: A Prospective Cohort Study. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2022, 43, e312-e319.	1.1	2
5	Evaluation of approaches for accommodating interactions and non-linear terms in multiple imputation of incomplete three-level data. <i>Biometrical Journal</i> , 2022, 64, 1404-1425.	1.0	2
6	Evaluation of multiple imputation approaches for handling missing covariate information in a case-cohort study with a binary outcome. <i>BMC Medical Research Methodology</i> , 2022, 22, 87.	3.1	2
7	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. <i>Neurology</i> , 2022, 98, .	1.1	6
8	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. <i>Brain and Cognition</i> , 2022, 160, 105875.	1.8	3
9	Multiple imputation methods for handling missing values in longitudinal studies with sampling weights: Comparison of methods implemented in Stata. <i>Biometrical Journal</i> , 2021, 63, 354-371.	1.0	12
10	Strength, Motor Skills, and Physical Activity in Preschool-Aged Children Born Either at Less Than 30 Weeks of Gestation or at Term. <i>Physical Therapy</i> , 2021, 101, .	2.4	17
11	Practical strategies for handling breakdown of multiple imputation procedures. <i>Emerging Themes in Epidemiology</i> , 2021, 18, 5.	2.7	16
12	Randomized Controlled Trial Evaluating the Use of Zoledronic Acid in Duchenne Muscular Dystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2328-2342.	3.6	16
13	Framework for the treatment and reporting of missing data in observational studies: The Treatment And Reporting of Missing data in Observational Studies framework. <i>Journal of Clinical Epidemiology</i> , 2021, 134, 79-88.	5.0	133
14	A comparison of multiple imputation strategies for handling missing data in multi-item scales: Guidance for longitudinal studies. <i>Statistics in Medicine</i> , 2021, 40, 4660-4674.	1.6	14
15	Temporal Trends in Neurodevelopmental Outcomes to 2 Years After Extremely Preterm Birth. <i>JAMA Pediatrics</i> , 2021, 175, 1035.	6.2	51
16	Multiple imputation of semi-continuous exposure variables that are categorized for analysis. <i>Statistics in Medicine</i> , 2021, 40, 6093-6106.	1.6	2
17	Multiple imputation for handling missing outcome data in randomized trials involving a mixture of independent and paired data. <i>Statistics in Medicine</i> , 2021, 40, 6008-6020.	1.6	4
18	Handling missing data for causal effect estimation in cohort studies using Targeted Maximum Likelihood Estimation. <i>International Journal of Epidemiology</i> , 2021, 50, .	1.9	0

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19	Psychiatric disorders in individuals born very preterm / very low-birth weight: An individual participant data (IPD) meta-analysis. <i>EClinicalMedicine</i> , 2021, 42, 101216.	7.1	37
20	Effect of Treatment of Clinical Seizures vs Electrographic Seizures in Full-Term and Near-Term Neonates. <i>JAMA Network Open</i> , 2021, 4, e2139604.	5.9	25
21	Conducting Clinical Trials in Twin Populations: A Review of Design, Analysis, Recruitment and Ethical Issues for Twin-Only Trials. <i>Twin Research and Human Genetics</i> , 2021, 24, 359-364.	0.6	4
22	Neonatal brain abnormalities and brain volumes associated with goal setting outcomes in very preterm 13-year-olds. <i>Brain Imaging and Behavior</i> , 2020, 14, 1062-1073.	2.1	12
23	Evaluation of approaches for multiple imputation of three-level data. <i>BMC Medical Research Methodology</i> , 2020, 20, 207.	3.1	15
24	Feasibility and acceptability of the multi-component P3-MumBubVax antenatal intervention to promote maternal and childhood vaccination: A pilot study. <i>Vaccine</i> , 2020, 38, 4024-4031.	3.8	20
25	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. <i>BMJ Open</i> , 2020, 10, e034362.	1.9	11
26	Rates and Stability of Mental Health Disorders in Children Born Very Preterm at 7 and 13 Years. <i>Pediatrics</i> , 2020, 145, .	2.1	19
27	Oral Ondansetron to Reduce Vomiting in Children Receiving Intranasal Fentanyl and Inhaled Nitrous Oxide for Procedural Sedation and Analgesia: A Randomized Controlled Trial. <i>Annals of Emergency Medicine</i> , 2020, 75, 735-743.	0.6	5
28	Immunogenicity of four doses of oral poliovirus vaccine when co-administered with the human neonatal rotavirus vaccine (RV3-BB). <i>Vaccine</i> , 2019, 37, 7233-7239.	3.8	6
29	Nutrition, Growth, Brain Volume, and Neurodevelopment in Very Preterm Children. <i>Journal of Pediatrics</i> , 2019, 215, 50-55.e3.	1.8	31
30	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. <i>Lancet Respiratory Medicine</i> , 2019, 7, 677-686.	10.7	98
31	Preterm Birth and Maternal Mental Health: Longitudinal Trajectories and Predictors. <i>Journal of Pediatric Psychology</i> , 2019, 44, 736-747.	2.1	41
32	Prevalence of Low Birth Weight and Prematurity and Associated Factors in Neonates in Ethiopia: Results from a Hospital-based Observational Study. <i>Ethiopian Journal of Health Sciences</i> , 2019, 29, 677-688.	0.4	11
33	An open label pilot study of a dexmedetomidine+remifentanyl+caudal anesthetic for infant lower abdominal/lower extremity surgery: The T REX pilot study. <i>Paediatric Anaesthesia</i> , 2019, 29, 59-67.	1.1	33
34	Speech and Language Impairments After Childhood Arterial Ischemic Stroke: Does Hemisphere Matter?. <i>Pediatric Neurology</i> , 2019, 92, 55-59.	2.1	7
35	Human Neonatal Rotavirus Vaccine (RV3-BB) to Target Rotavirus from Birth. <i>New England Journal of Medicine</i> , 2018, 378, 719-730.	27.0	98
36	Prevalence and reporting of recruitment, randomisation and treatment errors in clinical trials: A systematic review. <i>Clinical Trials</i> , 2018, 15, 278-285.	1.6	17

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37	Should multiple imputation be the method of choice for handling missing data in randomized trials?. <i>Statistical Methods in Medical Research</i> , 2018, 27, 2610-2626.	1.5	179
38	The role of social risk in an early preventative care programme for infants born very preterm: a randomized controlled trial. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 54-62.	2.1	39
39	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. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 872-879.	5.6	46
40	A comparison of multiple imputation methods for missing data in longitudinal studies. <i>BMC Medical Research Methodology</i> , 2018, 18, 168.	3.1	138
41	Long-Term Academic Functioning Following Cogmed Working Memory Training for Children Born Extremely Preterm: A Randomized Controlled Trial. <i>Journal of Pediatrics</i> , 2018, 202, 92-97.e4.	1.8	32
42	Canonical Causal Diagrams to Guide the Treatment of Missing Data in Epidemiologic Studies. <i>American Journal of Epidemiology</i> , 2018, 187, 2705-2715.	3.4	29
43	Predictive value of the Movement Assessment Battery for Children –Second Edition at 4 years, for motor impairment at 8 years in children born preterm. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 490-496.	2.1	31
44	Increasing airway obstruction from 8 to 18 years in extremely preterm/low-birthweight survivors born in the surfactant era. <i>Thorax</i> , 2017, 72, 712-719.	5.6	98
45	Association Between Moderate and Late Preterm Birth and Neurodevelopment and Social-Emotional Development at Age 2 Years. <i>JAMA Pediatrics</i> , 2017, 171, e164805.	6.2	200
46	Neuropredictors of oromotor feeding impairment in 12 month-old children. <i>Early Human Development</i> , 2017, 111, 49-55.	1.8	15
47	Associations of Newborn Brain Magnetic Resonance Imaging with Long-Term Neurodevelopmental Impairments in Very Preterm Children. <i>Journal of Pediatrics</i> , 2017, 187, 58-65.e1.	1.8	103
48	Treatment of missing data in follow-up studies of randomised controlled trials: A systematic review of the literature. <i>Clinical Trials</i> , 2017, 14, 387-395.	1.6	20
49	Family Functioning and Mood and Anxiety Symptoms in Adolescents Born Extremely Preterm. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2017, 38, 39-48.	1.1	8
50	Neonatal basal ganglia and thalamic volumes: very preterm birth and 7-year neurodevelopmental outcomes. <i>Pediatric Research</i> , 2017, 82, 970-978.	2.3	59
51	Neurobehaviour at term-equivalent age and neurodevelopmental outcomes at 2 years in infants born moderate-to-late preterm. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 207-215.	2.1	57
52	Multiple imputation in the presence of non-normal data. <i>Statistics in Medicine</i> , 2017, 36, 606-617.	1.6	50
53	Multiple imputation for handling missing outcome data when estimating the relative risk. <i>BMC Medical Research Methodology</i> , 2017, 17, 134.	3.1	31
54	Model checking in multiple imputation: an overview and case study. <i>Emerging Themes in Epidemiology</i> , 2017, 14, 8.	2.7	122

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55	Early general movements and brain magnetic resonance imaging at term-equivalent age in infants born <30weeks' gestation. <i>Early Human Development</i> , 2016, 101, 63-68.	1.8	24
56	Brain Volumes at Term-Equivalent Age Are Associated with 2-Year Neurodevelopment in Moderate and Late Preterm Children. <i>Journal of Pediatrics</i> , 2016, 174, 91-97.e1.	1.8	70
57	Breast Milk Feeding, Brain Development, and Neurocognitive Outcomes: A 7-Year Longitudinal Study in Infants Born at Less Than 30 Weeks' Gestation. <i>Journal of Pediatrics</i> , 2016, 177, 133-139.e1.	1.8	217
58	Neonatal brain abnormalities associated with autism spectrum disorder in children born very preterm. <i>Autism Research</i> , 2016, 9, 543-552.	3.8	34
59	Evolution of Depression and Anxiety Symptoms in Parents of Very Preterm Infants During the Newborn Period. <i>JAMA Pediatrics</i> , 2016, 170, 863.	6.2	154
60	Structural connectivity relates to perinatal factors and functional impairment at 7 years in children born very preterm. <i>NeuroImage</i> , 2016, 134, 328-337.	4.2	58
61	A randomized controlled trial of cognitive behaviour therapy to improve glycaemic control and psychosocial wellbeing in adolescents with type 1 diabetes. <i>Journal of Health Psychology</i> , 2016, 21, 1157-1169.	2.3	38
62	Multiple imputation for missing data in a longitudinal cohort study: a tutorial based on a detailed case study involving imputation of missing outcome data. <i>International Journal of Social Research Methodology: Theory and Practice</i> , 2016, 19, 575-591.	4.4	46
63	Neurodevelopmental Outcomes and Neural Mechanisms Associated with Non-right Handedness in Children Born Very Preterm. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 610-621.	1.8	3
64	Evaluation of a weighting approach for performing sensitivity analysis after multiple imputation. <i>BMC Medical Research Methodology</i> , 2015, 15, 83.	3.1	12
65	Accelerated corpus callosum development in prematurity predicts improved outcome. <i>Human Brain Mapping</i> , 2015, 36, 3733-3748.	3.6	27
66	Brain structural and microstructural alterations associated with cerebral palsy and motor impairments in adolescents born extremely preterm and/or extremely low birthweight. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 1168-1175.	2.1	23
67	Posterior predictive checking of multiple imputation models. <i>Biometrical Journal</i> , 2015, 57, 676-694.	1.0	11
68	Accuracy of Two Motor Assessments during the First Year of Life in Preterm Infants for Predicting Motor Outcome at Preschool Age. <i>PLoS ONE</i> , 2015, 10, e0125854.	2.5	29
69	Peripheral nerve ultrasound in pediatric Charcot-Marie-Tooth disease type 1A. <i>Neurology</i> , 2015, 84, 569-574.	1.1	42
70	Isotonic fluid for intravenous hydration maintenance in children – Authors' reply. <i>Lancet, The</i> , 2015, 386, 136.	13.7	1
71	Statistics for clinicians: An introduction to logistic regression. <i>Journal of Paediatrics and Child Health</i> , 2015, 51, 670-673.	0.8	14
72	The rise of multiple imputation: a review of the reporting and implementation of the method in medical research. <i>BMC Medical Research Methodology</i> , 2015, 15, 30.	3.1	277

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73	Bayley-III Cognitive and Language Scales in Preterm Children. <i>Pediatrics</i> , 2015, 135, e1258-e1265.	2.1	139
74	Antenatal Magnesium Sulfate and Outcomes for School-aged Children—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 306.	7.4	1
75	Safety and immunogenicity of RV3-BB human neonatal rotavirus vaccine administered at birth or in infancy: a randomised, double-blind, placebo-controlled trial. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 1389-1397.	9.1	70
76	Bias and Precision of the “Multiple Imputation, Then Deletion” Method for Dealing With Missing Outcome Data. <i>American Journal of Epidemiology</i> , 2015, 182, 528-534.	3.4	60
77	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. <i>Lancet</i> , The, 2015, 385, 1190-1197.	13.7	136
78	Neonatal brain abnormalities and memory and learning outcomes at 7 years in children born very preterm. <i>Memory</i> , 2014, 22, 605-615.	1.7	103
79	Fractional polynomial adjustment for time-varying covariates in a self-controlled case series analysis. <i>Statistics in Medicine</i> , 2014, 33, 105-116.	1.6	8
80	Statistics for clinicians: An introduction to linear regression. <i>Journal of Paediatrics and Child Health</i> , 2014, 50, 940-943.	0.8	14
81	Very Preterm Birth Influences Parental Mental Health and Family Outcomes Seven Years after Birth. <i>Journal of Pediatrics</i> , 2014, 164, 515-521.	1.8	150
82	Association between Postnatal Dexamethasone for Treatment of Bronchopulmonary Dysplasia and Brain Volumes at Adolescence in Infants Born Very Preterm. <i>Journal of Pediatrics</i> , 2014, 164, 737-743.e1.	1.8	52
83	Regional white matter microstructure in very preterm infants: Predictors and 7 year outcomes. <i>Cortex</i> , 2014, 52, 60-74.	2.4	101
84	Introduction to multiple imputation for dealing with missing data. <i>Respirology</i> , 2014, 19, 162-167.	2.3	85
85	Comparison of methods for imputing limited-range variables: a simulation study. <i>BMC Medical Research Methodology</i> , 2014, 14, 57.	3.1	68
86	Topical Lidocaine to Improve Oral Intake in Children With Painful Infectious Mouth Ulcers: A Blinded, Randomized, Placebo-Controlled Trial. <i>Annals of Emergency Medicine</i> , 2014, 63, 292-299.	0.6	39
87	The impact of missing data on analyses of a time-dependent exposure in a longitudinal cohort: a simulation study. <i>Emerging Themes in Epidemiology</i> , 2013, 10, 6.	2.7	17
88	Diagnosing problems with imputation models using the Kolmogorov-Smirnov test: a simulation study. <i>BMC Medical Research Methodology</i> , 2013, 13, 144.	3.1	18
89	Children with cerebral palsy and periventricular white matter injury: Does gestational age affect functional outcome?. <i>Research in Developmental Disabilities</i> , 2013, 34, 2500-2506.	2.2	10
90	Sensory profiles of children born <30 weeks' gestation at 2 years of age and their environmental and biological predictors. <i>Early Human Development</i> , 2013, 89, 727-732.	1.8	34

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91	Psychiatric outcomes at age seven for very preterm children: rates and predictors. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2013, 54, 772-779.	5.2	192
92	Does the Bayley-III Motor Scale at 2 years predict motor outcome at 4 years in very preterm children?. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 448-452.	2.1	96
93	Intussusception Risk and Disease Prevention Associated With Rotavirus Vaccines in Australia's National Immunization Program. <i>Clinical Infectious Diseases</i> , 2013, 57, 1427-1434.	5.8	178
94	General Movements in Very Preterm Children and Neurodevelopment at 2 and 4 Years. <i>Pediatrics</i> , 2013, 132, e452-e458.	2.1	106
95	Social-Emotional Difficulties in Very Preterm and Term 2 Year Olds Predict Specific Social-Emotional Problems at the Age of 5 Years. <i>Journal of Pediatric Psychology</i> , 2012, 37, 779-785.	2.1	62
96	Long-term Benefits of Home-based Preventive Care for Preterm Infants: A Randomized Trial. <i>Pediatrics</i> , 2012, 130, 1094-1101.	2.1	63
97	Recovery of information from multiple imputation: a simulation study. <i>Emerging Themes in Epidemiology</i> , 2012, 9, 3.	2.7	69
98	Comparison of methods for imputing ordinal data using multivariate normal imputation: a case study of non-linear effects in a large cohort study. <i>Statistics in Medicine</i> , 2012, 31, 4164-4174.	1.6	18
99	A systematic review of the burden of neonatal mortality and morbidity in the ASEAN Region. <i>WHO South-East Asia Journal of Public Health</i> , 2012, 1, 239.	0.7	21
100	Neonatal white matter abnormality predicts childhood motor impairment in very preterm children. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 1000-1006.	2.1	130
101	Family functioning, burden and parenting stress 2 years after very preterm birth. <i>Early Human Development</i> , 2011, 87, 427-431.	1.8	95
102	Arterial ischemic stroke risk factors: The international pediatric stroke study. <i>Annals of Neurology</i> , 2011, 69, 130-140.	5.3	355
103	Prevalence of motor skill impairment in preterm children who do not develop cerebral palsy: a systematic review. <i>Developmental Medicine and Child Neurology</i> , 2010, 52, 232-237.	2.1	208
104	Preventive Care at Home for Very Preterm Infants Improves Infant and Caregiver Outcomes at 2 Years. <i>Pediatrics</i> , 2010, 126, e171-e178.	2.1	122
105	Parental Mental Health and Early Social-emotional Development of Children Born Very Preterm. <i>Journal of Pediatric Psychology</i> , 2010, 35, 768-777.	2.1	88
106	Multiple Imputation for Missing Data: Fully Conditional Specification Versus Multivariate Normal Imputation. <i>American Journal of Epidemiology</i> , 2010, 171, 624-632.	3.4	594
107	Early Emergence of Behavior and Social-Emotional Problems in Very Preterm Infants. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2009, 48, 909-918.	0.5	203
108	Flexible parametric models for random effects distributions. <i>Statistics in Medicine</i> , 2008, 27, 418-434.	1.6	113

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109	Clustering by health professional in individually randomised trials. BMJ: British Medical Journal, 2005, 330, 142-144.	2.3	90
110	The use of random effects models to allow for clustering in individually randomized trials. Clinical Trials, 2005, 2, 163-173.	1.6	71