

# Lloyd J Edwards

## List of Publications by Year in descending order

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115  
papers

7,423  
citations

61857

43  
h-index

54797

84  
g-index

120  
all docs

120  
docs citations

120  
times ranked

9665  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nontuberculous Mycobacteria. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 828-834.	2.5	595
2	A Controlled Study of Adenoviral-Vector-Mediated Gene Transfer in the Nasal Epithelium of Patients with Cystic Fibrosis. New England Journal of Medicine, 1995, 333, 823-831.	13.9	591
3	An $R^2$ statistic for fixed effects in the linear mixed model. Statistics in Medicine, 2008, 27, 6137-6157.	0.8	470
4	A Pilot Study of Aerosolized Amiloride for the Treatment of Lung Disease in Cystic Fibrosis. New England Journal of Medicine, 1990, 322, 1189-1194.	13.9	351
5	Longitudinal analysis of pulmonary function decline in patients with cystic fibrosis. Journal of Pediatrics, 1997, 131, 809-814.	0.9	325
6	An $R^2$ statistic for fixed effects in the generalized linear mixed model. Journal of Applied Statistics, 2017, 44, 1086-1105.	0.6	286
7	Improving the Reliability of Stroke Subgroup Classification Using the Trial of ORG 10172 in Acute Stroke Treatment (TOAST) Criteria. Stroke, 2001, 32, 1091-1097.	1.0	269
8	Factors Associated With Decisions to Undergo Surgery Among Patients With Newly Diagnosed Early-Stage Lung Cancer. JAMA - Journal of the American Medical Association, 2010, 303, 2368.	3.8	232
9	Real longitudinal data analysis for real people: Building a good enough mixed model. Statistics in Medicine, 2010, 29, 504-520.	0.8	193
10	Nontuberculous Mycobacteria in Adult Patients with Cystic Fibrosis. Chest, 1992, 102, 70-75.	0.4	164
11	Modern statistical techniques for the analysis of longitudinal data in biomedical research. Pediatric Pulmonology, 2000, 30, 330-344.	1.0	156
12	Effect of Olanzapine on Body Composition and Energy Expenditure in Adults With First-Episode Psychosis. American Journal of Psychiatry, 2005, 162, 118-123.	4.0	135
13	Acute safety and effects on mucociliary clearance of aerosolized uridine 5'-triphosphate +/- amiloride in normal human adults.. American Journal of Respiratory and Critical Care Medicine, 1996, 154, 217-223.	2.5	128
14	Phosphatidylethanolamine N-methyltransferase (PEMT) knockout mice have hepatic steatosis and abnormal hepatic choline metabolite concentrations despite ingesting a recommended dietary intake of choline. Biochemical Journal, 2003, 370, 987-993.	1.7	119
15	Racial Variation in Initial Stroke Severity. Stroke, 2000, 31, 563-567.	1.0	115
16	A Prospective Evaluation of Health-Related Quality of Life After Ileal Pouch Anal Anastomosis for Ulcerative Colitis. American Journal of Gastroenterology, 2001, 96, 1480-1485.	0.2	112
17	Ror2, a developmentally regulated kinase, promotes tumor growth potential in renal cell carcinoma. Oncogene, 2009, 28, 2513-2523.	2.6	101
18	Impact of bladder cancer on health-related quality of life. BJU International, 2018, 121, 549-557.	1.3	101

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19	Novel baseline predictors of adverse events during oral immunotherapy in children with peanut allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 882-888.e5.	1.5	100
20	RESULTS OF A RANDOMIZED, PROSPECTIVE, MULTICENTER TRIAL OF MYCOPHENOLATE MOFETIL VERSUS AZATHIOPRINE IN THE PREVENTION OF ACUTE LUNG ALLOGRAFT REJECTION <sup>1</sup> . <i>Transplantation</i> , 2001, 71, 1772-1776.	0.5	99
21	Protease inhibitors are associated with a slowed progression of HIV-related renal diseases. <i>Clinical Nephrology</i> , 2002, 57, 336-341.	0.4	97
22	Effect of Thymectomy on Human Peripheral Blood T Cell Pools in Myasthenia Gravis. <i>Journal of Immunology</i> , 2001, 166, 2808-2817.	0.4	95
23	Early life soy exposure and age at menarche. <i>Paediatric and Perinatal Epidemiology</i> , 2012, 26, 163-175.	0.8	93
24	Disparities in Postacute Rehabilitation Care for Stroke: An Analysis of the State Inpatient Databases. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 1220-1229.	0.5	91
25	SIGNIFICANCE OF BLOOD STREAM INFECTION AFTER LUNG TRANSPLANTATION: ANALYSIS IN 176 CONSECUTIVE PATIENTS <sup>1</sup> . <i>Transplantation</i> , 2000, 69, 2360-2366.	0.5	89
26	Measurement error in dietary data: Implications for the epidemiologic study of the diet-disease relationship. <i>European Journal of Clinical Nutrition</i> , 1998, 52, 722-727.	1.3	83
27	Disparities in post-acute rehabilitation care for joint replacement. <i>Arthritis Care and Research</i> , 2011, 63, 1020-1030.	1.5	82
28	Impact of Sodium and Ultrafiltration Profiling on Hemodialysis-Related Symptoms. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 151-156.	3.0	78
29	Extending the Box-Cox transformation to the linear mixed model. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2006, 169, 273-288.	0.6	77
30	Post-Traumatic Stress Symptoms in Long-Term Non-Hodgkin's Lymphoma Survivors: Does Time Heal?. <i>Journal of Clinical Oncology</i> , 2011, 29, 4526-4533.	0.8	77
31	Fixed-effect variable selection in linear mixed models using statistics. <i>Computational Statistics and Data Analysis</i> , 2008, 52, 1896-1907.	0.7	71
32	Dietary Patterns and Cognitive Decline Among Chinese Older Adults. <i>Epidemiology</i> , 2015, 26, 758-768.	1.2	71
33	Management of Stage IIIA Non-Small Cell Lung Cancer by Thoracic Surgeons in North America. <i>Annals of Thoracic Surgery</i> , 2012, 94, 922-928.	0.7	67
34	Avoiding bias in mixed model inference for fixed effects. <i>Statistics in Medicine</i> , 2011, 30, 2696-2707.	0.8	66
35	Fish Intake Is Associated with Slower Cognitive Decline in Chinese Older Adults. <i>Journal of Nutrition</i> , 2014, 144, 1579-1585.	1.3	64
36	HIV Infection: Treatment Outcomes in Older and Younger Adults. <i>Journal of the American Geriatrics Society</i> , 2002, 50, 603-607.	1.3	55

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37	Quality of Life Among Long-Term Survivors of Non-Hodgkin Lymphoma: A Follow-Up Study. <i>Journal of Clinical Oncology</i> , 2013, 31, 272-279.	0.8	54
38	NF106: A Neurofibromatosis Clinical Trials Consortium Phase II Trial of the MEK Inhibitor Mirdametininb (PD-0325901) in Adolescents and Adults With NF1-Related Plexiform Neurofibromas. <i>Journal of Clinical Oncology</i> , 2021, 39, 797-806.	0.8	54
39	Visit-to-Visit Variability in Blood Pressure Is Related to Late-Life Cognitive Decline. <i>Hypertension</i> , 2016, 68, 106-113.	1.3	53
40	Responsiveness of PROMIS <sup>®</sup> Pediatric Measures to Hospitalizations for Sickle Pain and Subsequent Recovery. <i>Pediatric Blood and Cancer</i> , 2016, 63, 1038-1045.	0.8	51
41	Deficiency in Methionine, Tryptophan, Isoleucine, or Choline Induces Apoptosis in Cultured Cells. <i>Journal of Nutrition</i> , 2002, 132, 1840-1847.	1.3	49
42	Modeling Development of Sleep-Wake Behaviors. II. Results of Two Cohorts of Preterms. <i>Physiology and Behavior</i> , 1998, 63, 319-328.	1.0	46
43	Excess mucus viscosity and airway dehydration impact COPD airway clearance. <i>European Respiratory Journal</i> , 2020, 55, 1900419.	3.1	46
44	Modeling Development of Sleep-Wake Behaviors: I. Using the Mixed General Linear Model We wish to thank Carol Shaw, Nancy Steelman, Deborah Lee, Di Liu, Debra B. Miller, and Charlene Garrett for technical assistance and Annette Frauman for editorial assistance. The preparation of this paper was supported by Grant NR01894 from the National Institute for Nursing Research, National Institutes of Health. <i>Physiology and Behavior</i> , 1998, 63, 311-318.	1.0	45
45	Statistical tests with accurate size and power for balanced linear mixed models. <i>Statistics in Medicine</i> , 2007, 26, 3639-3660.	0.8	45
46	Assessing responsiveness over time of the PROMIS <sup>®</sup> pediatric symptom and function measures in cancer, nephrotic syndrome, and sickle cell disease. <i>Quality of Life Research</i> , 2018, 27, 249-257.	1.5	45
47	Racial differences in the patterns of preterm delivery in central North Carolina, USA. <i>Paediatric and Perinatal Epidemiology</i> , 1995, 9, 281-295.	0.8	41
48	The Fowler breathholding study revisited: continuous rating of respiratory sensation. <i>Respiration Physiology</i> , 1994, 95, 53-66.	2.8	39
49	Attitudes of African Americans Toward Participation in Medical Research. <i>Journal of Applied Social Psychology</i> , 1999, 29, 552-574.	1.3	39
50	Airway Deposition and Clearance and Systemic Pharmacokinetics of Amiloride Following Aerosolization With an Ultrasonic Nebulizer to Normal Airways. <i>Chest</i> , 1997, 112, 1283-1290.	0.4	38
51	Screening for diabetes in an outpatient clinic population. <i>Journal of General Internal Medicine</i> , 2002, 17, 23-28.	1.3	38
52	Early-Life Soy Exposure and Gender-Role Play Behavior in Children. <i>Environmental Health Perspectives</i> , 2011, 119, 1811-1816.	2.8	38
53	Relief of the "air hunger" of breathholding. A role for pulmonary stretch receptors. <i>Respiration Physiology</i> , 1996, 103, 221-232.	2.8	35
54	Identification of higher risk thin melanomas should be based on Breslow depth not Clark level IV. <i>Cancer</i> , 2001, 91, 983-991.	2.0	34

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55	Genetic and functional characterization of putative Ras/Raf interaction inhibitors in <i>C. elegans</i> and mammalian cells. <i>Journal of Molecular Signaling</i> , 2010, 5, 2.	0.5	34
56	Depression and Other Determinants of Values Placed on Current Health State by Stroke Patients. <i>Stroke</i> , 2000, 31, 2603-2609.	1.0	33
57	Physician-Patient Racial Concordance, Continuity of Care, and Patterns of Care for Hypertension. <i>American Journal of Public Health</i> , 2005, 95, 2186-2190.	1.5	31
58	Patient Preferences for Stroke Rehabilitation. <i>Topics in Stroke Rehabilitation</i> , 2010, 17, 394-400.	1.0	29
59	Out-of-Clinic Sympathetic Activity Is Increased in Patients With Masked Uncontrolled Hypertension. <i>Hypertension</i> , 2019, 73, 132-141.	1.3	29
60	A linear exponent AR(1) family of correlation structures. <i>Statistics in Medicine</i> , 2010, 29, 1825-1838.	0.8	28
61	Temporal organization of sleep-wake states in preterm infants. , 1998, 33, 257-269.		27
62	Nursing Home Deficiencies: An Exploratory Study of Interstate Variations in Regulatory Activity. <i>Journal of Aging and Social Policy</i> , 2008, 20, 398-413.	0.9	26
63	An Intervention to Decrease Stigma in Young Adults With Sickle Cell Disease. <i>Western Journal of Nursing Research</i> , 2014, 36, 599-619.	0.6	26
64	Comparing United States versus International Medical School Graduate Physicians Who Serve African- American and White Elderly. <i>Health Services Research</i> , 2006, 41, 2155-2181.	1.0	25
65	Obesity and Type 2 Diabetes Mellitus: A Population-based Study of Adolescents. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2004, 17, 1633-40.	0.4	23
66	Patient Characteristics Associated With Favorable Perceptions of Patient-Provider Communication in Early-Stage Lung Cancer Treatment. <i>Journal of Health Communication</i> , 2014, 19, 532-544.	1.2	20
67	Prediction of 3-year developmental outcomes from sleep development over the preterm period. , 2005, 28, 118-131.		19
68	Pathologic Apnea and Brief Respiratory Pauses in Preterm Infants. <i>Nursing Research</i> , 1994, 43, 293-300.	0.8	18
69	A method for fitting regression splines with varying polynomial order in the linear mixed model. <i>Statistics in Medicine</i> , 2006, 25, 513-527.	0.8	18
70	Preferences for arthritis interventions: Identifying similarities and differences among African Americans and whites with osteoarthritis. <i>Arthritis Care and Research</i> , 2013, 65, 203-211.	1.5	18
71	Early extubation in pediatric heart surgery across a spectrum of case complexity: Impact on hospital length of stay and chest tube days. <i>Progress in Pediatric Cardiology</i> , 2017, 45, 63-68.	0.2	18
72	Naïve T Cells Are Maintained in the Periphery During the First 3 Months of Acute HIV-1 Infection: Implications for Analysis of Thymus Function. <i>Journal of Clinical Immunology</i> , 2005, 25, 462-472.	2.0	17

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73	Predictive Value of Single-Fiber Electromyography in the Extensor Digitorum Communis Muscle of Patients With Ocular Myasthenia Gravis. <i>Journal of Clinical Neuromuscular Disease</i> , 2000, 2, 6-9.	0.3	16
74	Public attitudes about lung cancer: stigma, support, and predictors of support. <i>Journal of Multidisciplinary Healthcare</i> , 2014, 7, 293.	1.1	16
75	Relief of distress of breathholding: separate effects of expiration and inspiration. <i>Respiration Physiology</i> , 1995, 101, 41-46.	2.8	15
76	Linear Equality Constraints in the General Linear Mixed Model. <i>Biometrics</i> , 2001, 57, 1185-1190.	0.8	15
77	Aerosolized Amiloride for the Treatment of Lung Disease in Cystic Fibrosis. <i>New England Journal of Medicine</i> , 1990, 323, 996-998.	13.9	14
78	An analysis of 24-h ambulatory blood pressure monitoring data using orthonormal polynomials in the linear mixed model. <i>Blood Pressure Monitoring</i> , 2014, 19, 153-163.	0.4	14
79	Aerosolized Amiloride as Treatment of Cystic Fibrosis Lung Disease: A Pilot Study. <i>Advances in Experimental Medicine and Biology</i> , 1991, 290, 119-132.	0.8	14
80	Immunologic Profile of Human Immunodeficiency Virus-Infected Patients during Viral Remission and Relapse on Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2001, 183, 1522-1525.	1.9	13
81	Predictors of Preference for Hospice Care Among Diverse Older Adults. <i>American Journal of Hospice and Palliative Medicine</i> , 2016, 33, 574-584.	0.8	13
82	An $R^2$ statistic for covariance model selection in the linear mixed model. <i>Journal of Applied Statistics</i> , 2019, 46, 164-184.	0.6	12
83	Continuity of care and hypertension control in a university-based practice. <i>Ethnicity and Disease</i> , 2007, 17, 693-8.	1.0	11
84	Beyond couvade: Pregnancy symptoms in couples with a history of infertility. <i>Health Care for Women International</i> , 1994, 15, 537-548.	0.6	10
85	Development of Predictive Equations for Nocturnal Hypertension and Nondipping Systolic Blood Pressure. <i>Journal of the American Heart Association</i> , 2020, 9, e013696.	1.6	10
86	Survey of Nutrition Education in U.S. Medical Schools – An Instructor-Based Analysis. <i>Medical Education Online</i> , 2001, 6, 4526.	1.1	10
87	Kronecker Product Linear Exponent AR(1) Correlation Structures for Multivariate Repeated Measures. <i>PLoS ONE</i> , 2014, 9, e88864.	1.1	9
88	Separability tests for high-dimensional, low-sample size multivariate repeated measures data. <i>Journal of Applied Statistics</i> , 2014, 41, 2450-2461.	0.6	9
89	Outcomes of Pediatric Patients with Abdominal Sepsis Requiring Surgery and Extracorporeal Membrane Oxygenation Using the Extracorporeal Life Support Organization Database. <i>American Surgeon</i> , 2015, 81, 245-251.	0.4	9
90	Ataluren/ivacaftor combination therapy: Two Phase 1 trials in cystic fibrosis patients with nonsense mutations. <i>Pediatric Pulmonology</i> , 2020, 55, 1838-1842.	1.0	9

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91	An Entropy-Based Contagion Index and Its Sampling Properties for Landscape Analysis. <i>Entropy</i> , 2014, 16, 1842-1859.	1.1	8
92	Testing transformations for the linear mixed model. <i>Computational Statistics and Data Analysis</i> , 2007, 51, 4297-4307.	0.7	7
93	Fixed and random effects models. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2012, 4, 181-190.	2.1	7
94	A circular LEAR correlation structure for cyclical longitudinal data. <i>Statistical Methods in Medical Research</i> , 2013, 22, 296-306.	0.7	7
95	Mixed Models. , 2011, , 146-173.		5
96	Estimating Variance Components and Random Effects Using the Box-Cox Transformation in the Linear Mixed Model. <i>Communications in Statistics - Theory and Methods</i> , 2011, 40, 515-531.	0.6	5
97	Anthropometric Measures Correspond with Functional Motor Outcomes in Females with Rett Syndrome. <i>Journal of Pediatrics</i> , 2022, 244, 169-177.e3.	0.9	5
98	8 Mixed Models. <i>Handbook of Statistics</i> , 2007, 27, 253-280.	0.4	4
99	The Performance and Association Between Patient-reported and Performance-based Measures of Physical Functioning in Research on Individuals with Arthritis. <i>Journal of Rheumatology</i> , 2016, 43, 131-137.	1.0	4
100	Cortical and Subthalamic Nucleus Spectral Changes During Limb Movements in <scp>Parkinson's Disease</scp> Patients with and Without Dystonia. <i>Movement Disorders</i> , 2022, 37, 1683-1692.	2.2	4
101	An alternative approach to estimation in the functional measurement error problem. <i>Communications in Statistics - Theory and Methods</i> , 1994, 23, 1651-1664.	0.6	3
102	Errors-in-variables and the Box-Cox transformation. <i>Computational Statistics and Data Analysis</i> , 1995, 20, 131-140.	0.7	3
103	Artificial neural networks with a signed-rank objective function and applications. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020, , 1-26.	0.6	3
104	Weighing Projections of Physical Decline in Lung Cancer Surgery Decisions. <i>American Journal of the Medical Sciences</i> , 2015, 349, 61-66.	0.4	2
105	Effect of measurement error in testing separate linear models. <i>Journal of Statistical Computation and Simulation</i> , 1995, 52, 205-216.	0.7	1
106	Nursing Home Deficiency Resolution: Are the States Following Federal Guidelines?. <i>Hallym International Journal of Aging: HIJA</i> , 2008, 10, 1-21.	0.4	1
107	Approximating Fisher's information for the functional measurement error model. <i>Journal of Applied Statistics</i> , 1994, 21, 205-219.	0.6	0
108	35 Bridging the biostatistics-epidemiology gap. <i>Handbook of Statistics</i> , 2000, 18, 1029-1057.	0.4	0

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109	Analysis the Reason of Head and Tail Pully Driving and Bidirectional Motor Negative Phase Sequence over Current Protection Malfunction. Applied Mechanics and Materials, 0, 130-134, 2800-2804.	0.2	0
110	333: Effect of mode of regional anesthesia on neonatal outcomes in preeclamptic patients. American Journal of Obstetrics and Gynecology, 2014, 210, S173.	0.7	0
111	Plastic Surgery In-training Exam Scores Correlate with US Medical Licensing Exam Step 1 and 2 Scores. Plastic and Reconstructive Surgery - Global Open, 2016, 4, e1101.	0.3	0
112	A test of separate hypotheses for comparing linear mixed models with non nested fixed effects. Communications in Statistics - Theory and Methods, 2017, 46, 5487-5500.	0.6	0
113	MP14-13 CHANGES IN HEALTH-RELATED QUALITY OF LIFE AMONG OLDER ADULTS WITH PROSTATE CANCER: A CASE-CONTROL STUDY. Journal of Urology, 2017, 197, .	0.2	0
114	Intervention to reduce racial treatment disparities in early stage non-small cell lung cancer (NSCLC).. Journal of Clinical Oncology, 2015, 33, e17597-e17597.	0.8	0
115	An intervention study to reduce black-white treatment disparities in early stage non-small cell lung cancer.. Journal of Clinical Oncology, 2017, 35, 6560-6560.	0.8	0