

# Roger J Lewis

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

7,753  
citations

136950

32  
h-index

56724

83  
g-index

106  
all docs

106  
docs citations

106  
times ranked

12564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-6 Receptor Antagonists in Critically Ill Patients with Covid-19. New England Journal of Medicine, 2021, 384, 1491-1502.	27.0	1,419
2	Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19. New England Journal of Medicine, 2021, 385, 790-802.	27.0	778
3	Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19. New England Journal of Medicine, 2021, 385, 777-789.	27.0	712
4	The Propensity Score. JAMA - Journal of the American Medical Association, 2015, 314, 1637.	7.4	538
5	Decision Curve Analysis. JAMA - Journal of the American Medical Association, 2015, 313, 409.	7.4	481
6	Minimal Clinically Important Difference. JAMA - Journal of the American Medical Association, 2014, 312, 1342.	7.4	409
7	The Platform Trial. JAMA - Journal of the American Medical Association, 2015, 313, 1619.	7.4	265
8	The REMAP-CAP (Randomized Embedded Multifactorial Adaptive Platform for Community-acquired) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	245
9	The Intention-to-Treat Principle. JAMA - Journal of the American Medical Association, 2014, 312, 85.	7.4	171
10	Effect of Convalescent Plasma on Organ Supportâ€“Free Days in Critically Ill Patients With COVID-19. JAMA - Journal of the American Medical Association, 2021, 326, 1690.	7.4	169
11	Effect of Vitamin C, Thiamine, and Hydrocortisone on Ventilator- and Vasopressor-Free Days in Patients With Sepsis. JAMA - Journal of the American Medical Association, 2021, 325, 742.	7.4	168
12	Immortal Time Bias in Observational Studies. JAMA - Journal of the American Medical Association, 2021, 325, 686.	7.4	157
13	Missing Data. JAMA - Journal of the American Medical Association, 2015, 314, 940.	7.4	149
14	Adopting a Patient-Centered Approach to Primary Outcome Analysis of Acute Stroke Trials Using a Utility-Weighted Modified Rankin Scale. Stroke, 2015, 46, 2238-2243.	2.0	139
15	Pragmatic Trials. JAMA - Journal of the American Medical Association, 2016, 316, 1205.	7.4	102
16	Group Sequential Clinical Trials: A Classical Evaluation of Bayesian Decision-Theoretic Designs. Journal of the American Statistical Association, 1994, 89, 1528-1534.	3.1	94
17	Oseltamivir plus usual care versus usual care for influenza-like illness in primary care: an open-label, pragmatic, randomised controlled trial. Lancet, The, 2020, 395, 42-52.	13.7	85
18	Advancing precision medicine for acute respiratory distress syndrome. Lancet Respiratory Medicine, the, 2022, 10, 107-120.	10.7	83

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19	Effect of Antiplatelet Therapy on Survival and Organ Support—Free Days in Critically Ill Patients With COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 1247.	7.4	83
20	Implementing the Food and Drug Administration's Final Rule for Waiver of Informed Consent in Certain Emergency Research Circumstances. <i>Academic Emergency Medicine</i> , 1999, 6, 1272-1282.	1.8	75
21	An Approach to Community Consultation Prior to Initiating an Emergency Research Study Incorporating a Waiver of Informed Consent. <i>Academic Emergency Medicine</i> , 1999, 6, 1210-1215.	1.8	67
22	Lopinavir-ritonavir and hydroxychloroquine for critically ill patients with COVID-19: REMAP-CAP randomized controlled trial. <i>Intensive Care Medicine</i> , 2021, 47, 867-886.	8.2	65
23	Evidence-Based and Clinically Relevant Outcomes for Hemorrhage Control Trauma Trials. <i>Annals of Surgery</i> , 2021, 273, 395-401.	4.2	61
24	Noninferiority Trials. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 2371.	7.4	56
25	Time for Clinicians to Embrace Their Inner Bayesian?. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 2208.	7.4	54
26	The Effect of the 80-Hour Work Week on General Surgery Resident Operative Case Volume. <i>American Surgeon</i> , 2006, 72, 924-928.	0.8	50
27	Designing phase 3 sepsis trials: application of learned experiences from critical care trials in acute heart failure. <i>Journal of Intensive Care</i> , 2016, 4, 24.	2.9	38
28	Bayesian decision-theoretic group sequential clinical trial design based on a quadratic loss function: a frequentist evaluation. <i>Clinical Trials</i> , 2007, 4, 5-14.	1.6	36
29	Summary of NIH Medical-Surgical Emergency Research Roundtable Held on April 30 to May 1, 2009. <i>Annals of Emergency Medicine</i> , 2010, 56, 522-537.	0.6	36
30	Clinical trialist perspectives on the ethics of adaptive clinical trials: a mixed-methods analysis. <i>BMC Medical Ethics</i> , 2015, 16, 27.	2.4	36
31	Guidelines for Clinical Investigator Involvement in Industry-Sponsored Clinical Trials. <i>Academic Emergency Medicine</i> , 1995, 2, 43-45.	1.8	34
32	Out-of-hospital Intravenous Access: Unnecessary Procedures and Excessive Cost. <i>Academic Emergency Medicine</i> , 1998, 5, 878-882.	1.8	32
33	Number Needed to Treat. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 798.	7.4	32
34	Rationale and Design of an Adaptive Phase 2b/3 Clinical Trial of Selepressin for Adults in Septic Shock. Selepressin Evaluation Programme for Sepsis-induced Shock—Adaptive Clinical Trial. <i>Annals of the American Thoracic Society</i> , 2018, 15, 250-257.	3.2	31
35	An Adaptive, Phase II, Dose-Finding Clinical Trial Design to Evaluate L-Carnitine in the Treatment of Septic Shock Based on Efficacy and Predictive Probability of Subsequent Phase III Success. <i>Critical Care Medicine</i> , 2013, 41, 1674-1678.	0.9	30
36	A comparison of rural versus urban trauma care. <i>Journal of Emergencies, Trauma and Shock</i> , 2014, 7, 41.	0.7	27

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37	The Effect of Emergency Department Boarding on Order Completion. <i>Annals of Emergency Medicine</i> , 2016, 67, 730-736.e2.	0.6	27
38	The <i>Staphylococcus aureus</i> Network Adaptive Platform Trial Protocol: New Tools for an Old Foe. <i>Clinical Infectious Diseases</i> , 2022, 75, 2027-2034.	5.8	27
39	Scoring Smack: The Illicit Heroin Market in London, 1980-1983. <i>Addiction</i> , 1985, 80, 281-290.	3.3	26
40	Statistical Models and Occam's Razor. <i>Academic Emergency Medicine</i> , 1999, 6, 93-94.	1.8	26
41	Accuracy of the Broselow Tape in South Sudan, "The Hungriest Place on Earth" <i>Academic Emergency Medicine</i> , 2016, 23, 21-28.	1.8	26
42	Time-to-Event Analysis. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1046.	7.4	26
43	New-onset Atrial Fibrillation: When Is Admission Medically Justified?. <i>Academic Emergency Medicine</i> , 1996, 3, 114-119.	1.8	24
44	Cluster Randomized Trials. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 2068.	7.4	24
45	Experience with intubated patients does not affect the accidental extubation rate in pediatric intensive care units and intensive care nurseries. , 1997, 23, 424-428.		22
46	Attitudes and opinions regarding confirmatory adaptive clinical trials: a mixed methods analysis from the Adaptive Designs Accelerating Promising Trials into Treatments (ADAPT-IT) project. <i>Trials</i> , 2016, 17, 373.	1.6	22
47	The pragmatic clinical trial in a learning health care system. <i>Clinical Trials</i> , 2016, 13, 484-492.	1.6	22
48	Supporting Emergency Medicine Research: Developing the Infrastructure. <i>Academic Emergency Medicine</i> , 1998, 5, 177-184.	1.8	20
49	Gatekeeping Strategies for Avoiding False-Positive Results in Clinical Trials With Many Comparisons. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1385.	7.4	20
50	Rigorous Clinical Trial Design in Public Health Emergencies Is Essential. <i>Clinical Infectious Diseases</i> , 2018, 66, 1467-1469.	5.8	20
51	Patient Outcomes at Urban and Suburban Level I Versus Level II Trauma Centers. <i>Annals of Emergency Medicine</i> , 2017, 70, 161-168.	0.6	19
52	Enhancing the Scientific Integrity and Safety of Clinical Trials. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 2359.	7.4	16
53	Statistical Methodology.. <i>Academic Emergency Medicine</i> , 1999, 6, 244-249.	1.8	15
54	Reflections on the adaptive designs accelerating promising trials into treatments (ADAPT-IT) process" Findings from a qualitative study. <i>Clinical Research and Regulatory Affairs</i> , 2015, 32, 119-128.	2.1	12

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55	Estimands, Estimators, and Estimates. JAMA - Journal of the American Medical Association, 2021, 326, 967.	7.4	12
56	Group Sequential Clinical Trials: A Classical Evaluation of Bayesian Decision-Theoretic Designs. Journal of the American Statistical Association, 1994, 89, 1528.	3.1	12
57	Research Fundamentals: I. Getting from Hypothesis to Manuscript: An Overview of the Skills Required for Success in Research. Academic Emergency Medicine, 1998, 5, 924-929.	1.8	9
58	Answering patient-centred questions efficiently: response-adaptive platform trials in primary care. British Journal of General Practice, 2018, 68, 294-295.	1.4	9
59	The Paradox of Human Subjects Protection in Research: Some Thoughts on and Experiences with the Federalwide Assurance Program. Academic Emergency Medicine, 2002, 9, 1426-1429.	1.8	8
60	Treatment Effects in Multicenter Randomized Clinical Trials. JAMA - Journal of the American Medical Association, 2019, 321, 1211.	7.4	8
61	Emergency medicine research: 2030 strategic goals. Academic Emergency Medicine, 2022, 29, 241-251.	1.8	8
62	Application of adaptive design and decision making to a phase II trial of a phosphodiesterase inhibitor for the treatment of intermittent claudication. Trials, 2011, 12, 134.	1.6	7
63	The Effect of Implementation of the American Heart Association Mission Lifeline PreAct Algorithm for Prehospital Cardiac Catheterization Laboratory Activation on the Rate of "False Positive" Activations. Prehospital and Disaster Medicine, 2020, 35, 388-396.	1.3	7
64	ICU-free days as a more sensitive primary outcome for clinical trials in critically ill pediatric patients. Journal of the American College of Emergency Physicians Open, 2021, 2, e12479.	0.7	7
65	Parametric Statistical Tests: Unnecessary Assumptions, Computers, and the Search for the Trustworthy p-Value. Academic Emergency Medicine, 1998, 5, 1048-1050.	1.8	6
66	Emergency Medicine's "Illusion of Efficacy" and the Public Perception of Resuscitation Research. Academic Emergency Medicine, 1999, 6, 771-772.	1.8	6
67	An Error in Research Admission, Anxiety, and Action. Academic Emergency Medicine, 2000, 7, 1177-1179.	1.8	6
68	Emergency Department Triage of Patients Infected with HIV. Academic Emergency Medicine, 2002, 9, 880-888.	1.8	6
69	Left Ventricular Function after Monophasic and Biphasic Waveform Defibrillation: The Impact of Cardiopulmonary Resuscitation Time on Contractile Indices. Academic Emergency Medicine, 2003, 10, 9-15.	1.8	6
70	Modeling Complex Systems: Gaining Valid Insights and Avoiding Mathematical Delusions. Academic Emergency Medicine, 2007, 14, 795-798.	1.8	6
71	International resuscitation research, exception from informed consent, and the European Union Directive 2001/20/EC. European Journal of Emergency Medicine, 2009, 16, 234-241.	1.1	6
72	A conceptual model for the development process of confirmatory adaptive clinical trials within an emergency research network. Clinical Trials, 2017, 14, 246-254.	1.6	6

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73	Application of the "Plan-Do-Study-Act" Model to Improve Survival after Cardiac Arrest in Korea: A Case Study. <i>Prehospital and Disaster Medicine</i> , 2020, 35, 46-54.	1.3	6
74	Teaching Endotracheal Intubation Using a Cadaver Versus a Manikin-based Model: a Randomized Controlled Trial. <i>Western Journal of Emergency Medicine</i> , 2020, 21, 108-114.	1.1	6
75	The design of a Bayesian adaptive clinical trial of tranexamic acid in severely injured children. <i>Trials</i> , 2021, 22, 769.	1.6	6
76	National Institutes of Health Stroke Scale as an Outcome in Stroke Research: Value of ANCOVA Over Analyzing Change From Baseline. <i>Stroke</i> , 2022, 53, STROKEAHA121034859.	2.0	6
77	The life cycles of six multi-center adaptive clinical trials focused on neurological emergencies developed for the Advancing Regulatory Science initiative of the National Institutes of Health and US Food and Drug Administration: Case studies from the Adaptive Designs Accelerating Promising Treatments Into Trials Project. <i>SAGE Open Medicine</i> , 2017, 5, 205031211773622.	1.8	5
78	The Rising Incidence of Serious Chloroquine Overdose in Harare, Zimbabwe: Emergency Department Surveillance in the Developing World. <i>Tropical Doctor</i> , 1999, 29, 139-141.	0.5	4
79	Funding Research in Emergency Diagnostic Imaging: Summary of a Panel Discussion at the 2015 Academic Emergency Medicine Consensus Conference. <i>Academic Emergency Medicine</i> , 2015, 22, 1400-1405.	1.8	4
80	Educational Research: Time to Reach the Bar, Not Lower It. <i>Academic Emergency Medicine</i> , 2005, 12, 247-248.	1.8	3
81	The Design of an Adaptive Clinical Trial to Evaluate the Efficacy of Extra-Corporeal Membrane Oxygenation for Out-of-Hospital Cardiac Arrest. <i>Resuscitation</i> , 2021, 158, 185-192.	3.0	3
82	A Bedside Ultrasound Curriculum for Medical Students: Prospective Evaluation of Skill Acquisition. <i>Teaching and Learning in Medicine</i> , 2007, 19, 14-19.	2.1	3
83	Should This Study Change My Practice?. <i>Academic Emergency Medicine</i> , 2003, 10, 417-422.	1.8	2
84	Bayesian Modeling and Real-world Problems. <i>Academic Emergency Medicine</i> , 2003, 10, 780-782.	1.8	2
85	Neurologic Outcome Score for Infants and Children. <i>Academic Emergency Medicine</i> , 2003, 10, 1034-1039.	1.8	2
86	Airway Management During Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 771.	7.4	2
87	Research in Emergency Medicine: Building the Investigator Pipeline. <i>Annals of Emergency Medicine</i> , 2018, 72, 691-695.	0.6	2
88	The tension between clinical and microbiological relevance in applying clinical trial results for Gram negative bacterial infections. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1733-1735.	6.0	2
89	Design of a novel clinical trial of prehospital pediatric airway management. <i>Clinical Trials</i> , 2022, 19, 62-70.	1.6	2
90	An adaptive platform trial for evaluating treatments in patients with life-threatening hemorrhage from traumatic injuries: Rationale and proposal. <i>Transfusion</i> , 2022, 62, .	1.6	2

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91	An adaptive platform trial for evaluating treatments in patients with life-threatening hemorrhage from traumatic injuries: Ethical and <sc>US</sc> regulatory considerations. <i>Transfusion</i> , 2022, 62, .	1.6	2
92	An adaptive platform trial for evaluating treatments in patients with life-threatening hemorrhage from traumatic injuries: Planning and execution. <i>Transfusion</i> , 2022, 62, .	1.6	2
93	The Resuscitative Power of a Telephone Call. <i>JAMA Cardiology</i> , 2016, 1, 302.	6.1	1
94	Accounting for Missing Data in Clinical Research—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 518.	7.4	1
95	A Reporting Guideline for Mediation Analyses. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 1011.	7.4	1
96	Selepressin for Patients With Septic Shock—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 667.	7.4	1
97	An adaptive clinical trial design to identify the target dose of tenecteplase for treatment of acute pulmonary embolism. <i>Clinical Trials</i> , 0, , 174077452211058.	1.6	1
98	Covariate Adjustment and Propensity Score—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1522.	7.4	0
99	Reply to Jacob and Colebunders. <i>Clinical Infectious Diseases</i> , 2018, 67, 985-986.	5.8	0
100	An Exploration of Discrepancies and Concordances Between Hospital Disaster Directors and General Health Care Providers in Gyeonggi Province, South Korea: Quantitative Analysis of a Multicenter Cross-Sectional Survey Study. <i>Disaster Medicine and Public Health Preparedness</i> , 2021, 15, 608-614.	1.3	0
101	Frequency of Post-Concussion Syndrome in Korean Patients with Minor Head Injury. <i>Journal of Trauma and Injury</i> , 2017, 30, 41-46.	0.4	0