

Deborah Ashby

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138
papers

7,032
citations

41
h-index

82
g-index

154
ext. papers

8,820
ext. citations

9.1
avg. IF

5.54
L-index

#	Paper	IF	Citations
138	Effects of targeted delivery of propionate to the human colon on appetite regulation, body weight maintenance and adiposity in overweight adults. <i>Gut</i> , 2015 , 64, 1744-54	19.2	654
137	Genetic Loci associated with C-reactive protein levels and risk of coronary heart disease. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 37-48	27.4	459
136	Evaluation and stages of surgical innovations. <i>Lancet, The</i> , 2009 , 374, 1089-96	40	374
135	Sample size for cluster randomized trials: effect of coefficient of variation of cluster size and analysis method. <i>International Journal of Epidemiology</i> , 2006 , 35, 1292-300	7.8	329
134	Variations in primary open-angle glaucoma prevalence by age, gender, and race: a Bayesian meta-analysis. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4254-61		309
133	Effect of Early Vasopressin vs Norepinephrine on Kidney Failure in Patients With Septic Shock: The VANISH Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 509-18	27.4	302
132	Repeated nebulisation of non-viral CFTR gene therapy in patients with cystic fibrosis: a randomised, double-blind, placebo-controlled, phase 2b trial. <i>Lancet Respiratory Medicine, the</i> , 2015 , 3, 684-691	35.1	267
131	Lessons for cluster randomized trials in the twenty-first century: a systematic review of trials in primary care. <i>Clinical Trials</i> , 2004 , 1, 80-90	2.2	201
130	Levosimendan for the Prevention of Acute Organ Dysfunction in Sepsis. <i>New England Journal of Medicine</i> , 2016 , 375, 1638-1648	59.2	185
129	Social Science and the Evidence-based Policy Movement. <i>Social Policy and Society</i> , 2002 , 1, 215-224	1.2	182
128	Psychiatric illness in residential homes for the elderly: a survey in one London borough. <i>Age and Ageing</i> , 1984 , 13, 257-65	3	139
127	Bayesian statistics in medicine: a 25 year review. <i>Statistics in Medicine</i> , 2006 , 25, 3589-631	2.3	132
126	Metformin does not affect cancer risk: a cohort study in the U.K. Clinical Practice Research Datalink analyzed like an intention-to-treat trial. <i>Diabetes Care</i> , 2014 , 37, 2522-32	14.6	123
125	Smooth muscle cholinergic denervation hypersensitivity in diverticular disease. <i>Lancet, The</i> , 2003 , 361, 1945-51	40	110
124	Antibody prevalence for SARS-CoV-2 following the peak of the pandemic in England: REACT2 study in 100,000 adults		98
123	Evidence-based medicine as Bayesian decision-making. <i>Statistics in Medicine</i> , 2000 , 19, 3291-305	2.3	97
122	Changes in physiological, functional and structural markers of cystic fibrosis lung disease with treatment of a pulmonary exacerbation. <i>Thorax</i> , 2013 , 68, 532-9	7.3	94

121	Tutorial in biostatistics Bayesian data monitoring in clinical trials. <i>Statistics in Medicine</i> , 1997 , 16, 1413-30.	2.3	90
120	Rituximab versus cyclophosphamide for the treatment of connective tissue disease-associated interstitial lung disease (RECITAL): study protocol for a randomised controlled trial. <i>Trials</i> , 2017 , 18, 275	2.8	88
119	The interaction of vasopressin and corticosteroids in septic shock: a pilot randomized controlled trial. <i>Critical Care Medicine</i> , 2014 , 42, 1325-33	1.4	86
118	Kisspeptin-54 triggers egg maturation in women undergoing in vitro fertilization. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3667-77	15.9	86
117	Transcriptomic Signatures in Sepsis and a Differential Response to Steroids. From the VANISH Randomized Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 980-986	10.2	86
116	Clinical and laboratory evaluation of SARS-CoV-2 lateral flow assays for use in a national COVID-19 seroprevalence survey. <i>Thorax</i> , 2020 , 75, 1082-1088	7.3	85
115	Emergency department treatments and physiotherapy for acute whiplash: a pragmatic, two-step, randomised controlled trial. <i>Lancet, The</i> , 2013 , 381, 546-56	4.0	84
114	SARS-CoV-2 antibody prevalence in England following the first peak of the pandemic. <i>Nature Communications</i> , 2021 , 12, 905	17.4	80
113	A systematic review of chronic fatigue, its syndromes and ethnicity: prevalence, severity, co-morbidity and coping. <i>International Journal of Epidemiology</i> , 2009 , 38, 1554-70	7.8	76
112	Lead exposure and children's intellectual performance. <i>International Journal of Epidemiology</i> , 1987 , 16, 57-67	7.8	75
111	Balancing benefit and risk of medicines: a systematic review and classification of available methodologies. <i>Pharmacoepidemiology and Drug Safety</i> , 2014 , 23, 667-78	2.6	74
110	Azithromycin for Acute Exacerbations of Asthma : The AZALEA Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2016 , 176, 1630-1637	11.5	73
109	Respiratory syncytial virus bronchiolitis: disease severity, interleukin-8, and virus genotype. <i>Pediatric Pulmonology</i> , 2002 , 33, 339-46	3.5	72
108	Survival of very preterm infants admitted to neonatal care in England 2008-2014: time trends and regional variation. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018 , 103, F208-F215	4.7	70
107	High prevalence but low impact of data extraction and reporting errors were found in Cochrane systematic reviews. <i>Journal of Clinical Epidemiology</i> , 2005 , 58, 741-2	5.7	68
106	Declining prevalence of antibody positivity to SARS-CoV-2: a community study of 365,000 adults		67
105	Nutritional Evaluation and Optimisation in Neonates: a randomized, double-blind controlled trial of amino acid regimen and intravenous lipid composition in preterm parenteral nutrition. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 1443-52	7	61
104	DELTA guidance on choosing the target difference and undertaking and reporting the sample size calculation for a randomised controlled trial. <i>BMJ, The</i> , 2018 , 363, k3750	5.9	61

103	A systematic review of pain drawing literature: should pain drawings be used for psychologic screening?. <i>Clinical Journal of Pain</i> , 2006 , 22, 449-57	3.5	59
102	Informed patient consent to participation in cluster randomized trials: an empirical exploration of trials in primary care. <i>Clinical Trials</i> , 2005 , 2, 91-8	2.2	59
101	The cardiopulmonary effects of vasopressin compared with norepinephrine in septic shock. <i>Chest</i> , 2012 , 142, 593-605	5.3	58
100	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. <i>Wellcome Open Research</i> , 2020 , 5, 200	4.8	51
99	Prevalence of antibody positivity to SARS-CoV-2 following the first peak of infection in England: Serial cross-sectional studies of 365,000 adults. <i>Lancet Regional Health - Europe, The</i> , 2021 , 4, 100098		46
98	Cytokines in severe respiratory syncytial virus bronchiolitis. <i>Pediatric Pulmonology</i> , 2002 , 33, 449-52	3.5	38
97	Vasopressin in septic shock: an individual patient data meta-analysis of randomised controlled trials. <i>Intensive Care Medicine</i> , 2019 , 45, 844-855	14.5	36
96	Resurgence of SARS-CoV-2: Detection by community viral surveillance. <i>Science</i> , 2021 , 372, 990-995	33.3	36
95	Recommendations for benefit-risk assessment methodologies and visual representations. <i>Pharmacoepidemiology and Drug Safety</i> , 2016 , 25, 251-62	2.6	34
94	Usability and Acceptability of Home-based Self-testing for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibodies for Population Surveillance. <i>Clinical Infectious Diseases</i> , 2021 , 72, e384-e393	11.6	34
93	Randomized controlled trials in cystic fibrosis (1966-1997) categorized by time, design, and intervention. <i>Pediatric Pulmonology</i> , 2000 , 29, 1-7	3.5	33
92	Prognostic significance of transient myocardial ischemia on ambulatory monitoring after acute myocardial infarction. <i>American Journal of Cardiology</i> , 1993 , 71, 773-7	3	33
91	Psychiatric morbidity as predictor of mortality for residents of local authority homes for the elderly. <i>International Journal of Geriatric Psychiatry</i> , 1991 , 6, 567-575	3.9	33
90	The ordered logistic regression model in psychiatry: rising prevalence of dementia in old people's homes. <i>Statistics in Medicine</i> , 1989 , 8, 1317-26	2.3	32
89	Is it exposure to cigarette smoke or to smokers which increases the risk of meningococcal disease in teenagers?. <i>International Journal of Epidemiology</i> , 2006 , 35, 330-6	7.8	31
88	A brief sensitive screening instrument for depression in late life. <i>Age and Ageing</i> , 1994 , 23, 213-9	3	31
87	The demographic characteristics of pregnant women infected with cytomegalovirus. <i>International Journal of Epidemiology</i> , 1985 , 14, 447-52	7.8	31
86	Exponential growth, high prevalence of SARS-CoV-2, and vaccine effectiveness associated with the Delta variant. <i>Science</i> , 2021 , 374, eabl9551	33.3	31

85	Community prevalence of SARS-CoV-2 virus in England during May 2020: REACT study		31
84	Supplementation of iron in pulmonary hypertension: Rationale and design of a phase II clinical trial in idiopathic pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2013 , 3, 100-7	2.7	30
83	A multitude of syntheses: a comparison of five approaches from diverse policy fields. <i>Evidence and Policy</i> , 2006 , 2, 479-502	2.1	30
82	DELTA guidance on choosing the target difference and undertaking and reporting the sample size calculation for a randomised controlled trial. <i>Trials</i> , 2018 , 19, 606	2.8	30
81	An efficacy and mechanism evaluation study of Levosimendan for the Prevention of Acute oRgan Dysfunction in Sepsis (LeoPARDS): protocol for a randomized controlled trial. <i>Trials</i> , 2014 , 15, 199	2.8	29
80	Pharmacokinetics, adverse effects and tolerability of a novel analogue of human pancreatic polypeptide, PP 1420. <i>British Journal of Clinical Pharmacology</i> , 2012 , 73, 232-9	3.8	26
79	Adjusting for publication bias: modelling the selection process. <i>Journal of Evaluation in Clinical Practice</i> , 2004 , 10, 313-22	2.5	25
78	SARS-CoV-2 lateral flow assays for possible use in national covid-19 seroprevalence surveys (React 2): diagnostic accuracy study. <i>BMJ, The</i> , 2021 , 372, n423	5.9	24
77	REACT-2 Round 5: increasing prevalence of SARS-CoV-2 antibodies demonstrate impact of the second wave and of vaccine roll-out in England		24
76	Protocol for a randomised controlled trial of VAsopressin versus Noradrenaline as Initial therapy in Septic sHock (VANISH). <i>BMJ Open</i> , 2014 , 4, e005866	3	23
75	An analysis of papers published in the British and European Journals of Orthodontics. <i>British Journal of Orthodontics</i> , 1996 , 23, 203-9		23
74	REACT-1 round 13 final report: exponential growth, high prevalence of SARS-CoV-2 and vaccine effectiveness associated with Delta variant in England during May to July 2021		21
73	REal-time Assessment of Community Transmission (REACT) of SARS-CoV-2 virus: Study protocol. <i>Wellcome Open Research</i> , 2020 , 5, 200	4.8	20
72	High prevalence of SARS-CoV-2 swab positivity and increasing R number in England during October 2020: REACT-1 round 6 interim report		19
71	A Bayesian approach to probabilistic sensitivity analysis in structured benefit-risk assessment. <i>Biometrical Journal</i> , 2016 , 58, 28-42	1.5	17
70	Benefit-risk assessment in a post-market setting: a case study integrating real-life experience into benefit-risk methodology. <i>Pharmacoepidemiology and Drug Safety</i> , 2014 , 23, 974-83	2.6	17
69	Prokinetics prescribing in paediatrics: evidence on cisapride, domperidone, and metoclopramide. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015 , 60, 508-14	2.8	16
68	Levosimendan in septic shock in patients with biochemical evidence of cardiac dysfunction: a subgroup analysis of the LeoPARDS randomised trial. <i>Intensive Care Medicine</i> , 2019 , 45, 1392-1400	14.5	16

67	Simple Bayesian analysis in clinical trials: a tutorial. <i>Contemporary Clinical Trials</i> , 1994 , 15, 349-59		16
66	Attenuated <i>Salmonella typhimurium</i> SL3261 as a vaccine vector for recombinant antigen in rabbits. <i>Journal of Immunological Methods</i> , 2005 , 299, 153-64	2.5	15
65	REACT-1 round 12 report: resurgence of SARS-CoV-2 infections in England associated with increased frequency of the Delta variant		15
64	Literature review of visual representation of the results of benefit-risk assessments of medicinal products. <i>Pharmacoepidemiology and Drug Safety</i> , 2016 , 25, 238-50	2.6	15
63	Cumulative flying time and risk of venous thromboembolism. <i>British Journal of Haematology</i> , 2011 , 155, 613-9	4.5	13
62	Lack of effect of influenza immunisation on anticoagulant control in patients on long-term warfarin. <i>Pharmacoepidemiology and Drug Safety</i> , 2007 , 16, 786-9	2.6	12
61	Long-term trends in biochemical data obtained from two population surveys. <i>Annals of Clinical Biochemistry</i> , 1986 , 23 (Pt 4), 474-86	2.2	12
60	Intravenous versus oral antibiotics for eradication of <i>Pseudomonas aeruginosa</i> in cystic fibrosis (TORPEDO-CF): a randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 975-986	35.1	12
59	A Bayesian approach to Weibull survival models--application to a cancer clinical trial. <i>Lifetime Data Analysis</i> , 1996 , 2, 159-74	1.3	11
58	Rapid increase in Omicron infections in England during December 2021: REACT-1 study.. <i>Science</i> , 2022 , 375, eabn8347	33.3	11
57	REACT-1 round 6 updated report: high prevalence of SARS-CoV-2 swab positivity with reduced rate of growth in England at the start of November 2020		11
56	Republished paper: Where errors occur in the preparation and administration of intravenous medicines: a systematic review and Bayesian analysis. <i>Postgraduate Medical Journal</i> , 2010 , 86, 734-8	2	10
55	Resurgence of SARS-CoV-2 in England: detection by community antigen surveillance		10
54	REACT-1 round 7 updated report: regional heterogeneity in changes in prevalence of SARS-CoV-2 infection during the second national COVID-19 lockdown in England		10
53	Developing a Bayesian adaptive design for a phase I clinical trial: a case study for a novel HIV treatment. <i>Statistics in Medicine</i> , 2017 , 36, 754-771	2.3	8
52	Where's the utility in Bayesian data-monitoring of clinical trials?. <i>Clinical Trials</i> , 2005 , 2, 197-205; discussion 205-8	2.2	8
51	High prevalence of SARS-CoV-2 swab positivity in England during September 2020: interim report of round 5 of REACT-1 study		8
50	REACT-1 round 9 final report: Continued but slowing decline of prevalence of SARS-CoV-2 during national lockdown in England in February 2021		8

49	Population antibody responses following COVID-19 vaccination in 212,102 individuals.. <i>Nature Communications</i> , 2022 , 13, 907	17.4	8
48	Kisspeptin: a novel physiological trigger for oocyte maturation in in-vitro fertilisation treatment. <i>Lancet, The</i> , 2014 , 383, S17	4.0	7
47	SARS-CoV-2 infection and vaccine effectiveness in England (REACT-1): a series of cross-sectional random community surveys.. <i>Lancet Respiratory Medicine</i> , 2022 ,	35.1	7
46	High and increasing prevalence of SARS-CoV-2 swab positivity in England during end September beginning October 2020: REACT-1 round 5 updated report		7
45	SARS-CoV-2 lineage dynamics in England from January to March 2021 inferred from representative community samples		7
44	REACT-1 round 8 final report: high average prevalence with regional heterogeneity of trends in SARS-CoV-2 infection in the community in England during January 2021		7
43	Challenges and methodology in the incorporation of biomarkers in cancer clinical trials. <i>Critical Reviews in Oncology/Hematology</i> , 2017 , 110, 49-61	7	6
42	A first-in-human study of the novel HIV-fusion inhibitor C34-PEG-Chol. <i>Scientific Reports</i> , 2017 , 7, 9447	4.9	6
41	Weighing benefit-risk of medicines: concepts and approaches. <i>Drug Discovery Today: Technologies</i> , 2011 , 8, e1-e42	7.1	6
40	Using disease registries for pharmacoepidemiological research: a case study of data from a cystic fibrosis registry. <i>Pharmacoepidemiology and Drug Safety</i> , 2003 , 12, 467-73	2.6	6
39	REACT-1 study round 14: High and increasing prevalence of SARS-CoV-2 infection among school-aged children during September 2021 and vaccine effectiveness against infection in England		6
38	Transient dynamics of SARS-CoV-2 as England exited national lockdown		6
37	REACT-1 round 8 interim report: SARS-CoV-2 prevalence during the initial stages of the third national lockdown in England		6
36	Concern about records of fibrosing colonopathy study. <i>Lancet, The</i> , 2001 , 357, 1526-1527	4.0	5
35	REACT-1 round 9 interim report: downward trend of SARS-CoV-2 in England in February 2021 but still at high prevalence		5
34	Changes in cerebral function parameters with maraviroc-intensified antiretroviral therapy in treatment naive HIV-positive individuals. <i>Aids</i> , 2018 , 32, 1007-1015	3.5	4
33	Pigeonholes and mustard seeds: growing capacity to use data for society. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2019 , 182, 1121-1137	2.1	4
32	Jim who? Recall of national leaders by elderly people in three countries. <i>International Journal of Geriatric Psychiatry</i> , 1992 , 7, 437-442	3.9	4

31	REACT-1 round 7 interim report: fall in prevalence of swab-positivity in England during national lockdown		4
30	REACT-1 round 10 report: Level prevalence of SARS-CoV-2 swab-positivity in England during third national lockdown in March 2021		4
29	SARS-CoV-2 lineage dynamics in England from September to November 2021: high diversity of Delta sub-lineages and increased transmissibility of AY.4.2		4
28	External data required timely response by the Trial Steering-Data Monitoring Committee for the NALoxone InVEstigation (N-ALIVE) pilot trial. <i>Contemporary Clinical Trials Communications</i> , 2017 , 5, 100-106		3
27	Establishing causality in the assessment of safety of medicines for children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008 , 97, 1611-6	3.1	3
26	REACT-1 round 15 final report: Increased breakthrough SARS-CoV-2 infections among adults who had received two doses of vaccine, but booster doses and first doses in children are providing important protection		3
25	Acceptability, Usability, and Performance of Lateral Flow Immunoassay Tests for Severe Acute Respiratory Syndrome Coronavirus 2 Antibodies: REACT-2 Study of Self-Testing in Nonhealthcare Key Workers. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab496	1	3
24	REACT-1 round 11 report: low prevalence of SARS-CoV-2 infection in the community prior to the third step of the English roadmap out of lockdown		3
23	Vaccine uptake and SARS-CoV-2 antibody prevalence among 207,337 adults during May 2021 in England: REACT-2 study		3
22	Improving Child Protection by Integrating Research Evidence and Clinical Experience. <i>International Journal of Law, Policy and the Family</i> , 2015 , 29, 301-312	0.5	2
21	Meeting report: 1st international functional metagenomics workshop may 7-8, 2012, st. Jacobs, ontario, Canada. <i>Standards in Genomic Sciences</i> , 2013 , 8, 106-11		2
20	Harmonizing multiple choice question marks with essay marks. <i>Medical Education</i> , 1986 , 20, 321-3	3.7	2
19	Rapid increase in Omicron infections in England during December 2021: REACT-1 study		2
18	Nutritional Evaluation and Optimisation in Neonates (NEON) trial of amino acid regimen and intravenous lipid composition in preterm parenteral nutrition: a randomised double-blind controlled trial. <i>Efficacy and Mechanism Evaluation</i> , 2016 , 3, 1-80	1.7	2
17	Levosimendan to prevent acute organ dysfunction in sepsis: the LeoPARDS RCT. <i>Efficacy and Mechanism Evaluation</i> , 2018 , 5, 1-94	1.7	2
16	REACT-1 round 13 interim report: acceleration of SARS-CoV-2 Delta epidemic in the community in England during late June and early July 2021		2
15	The Omicron SARS-CoV-2 epidemic in England during February 2022		2
14	REACT-1 round 15 interim report: High and rising prevalence of SARS-CoV-2 infection in England from end of September 2021 followed by a fall in late October 2021		1

13	Intravenous or oral antibiotic treatment in adults and children with cystic fibrosis and <i>Pseudomonas aeruginosa</i> infection: the TORPEDO-CF RCT. <i>Health Technology Assessment</i> , 2021 , 25, 1-128 ^{4.4}		1
12	A randomised, double-blind, placebo-controlled study to evaluate the efficacy of oral azithromycin as a supplement to standard care for adult patients with acute exacerbations of asthma (the AZALEA trial). <i>Efficacy and Mechanism Evaluation</i> , 2016 , 3, 1-88	1.7	1
11	SARS-CoV-2 Antibody Lateral Flow Assay for antibody prevalence studies following vaccine roll out: a Diagnostic Accuracy Study		1
10	Increasing SARS-CoV-2 antibody prevalence in England at the start of the second wave: REACT-2 Round 4 cross-sectional study in 160,000 adults		1
9	Exploiting relationships between outcomes in Bayesian multivariate network meta-analysis with an application to relapsing-remitting multiple sclerosis. <i>Statistics in Medicine</i> , 2020 , 39, 3329-3346	2.3	0
8	Characterising the persistence of RT-PCR positivity and incidence in a community survey of SARS-CoV-2. <i>Wellcome Open Research</i> , 7 , 102	4.8	0
7	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) antibody lateral flow assay for antibody prevalence studies following vaccination: a diagnostic accuracy study. <i>Wellcome Open Research</i> , 6 , 358	4.8	0
6	Breakthrough SARS-CoV-2 infections in double and triple vaccinated adults and single dose vaccine effectiveness among children in Autumn 2021 in England: REACT-1 study.. <i>EclinicalMedicine</i> , 2022 , 48, 101419	11.3	0
5	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) antibody lateral flow assay for antibody prevalence studies following vaccination: a diagnostic accuracy study. <i>Wellcome Open Research</i> , 6 , 358	4.8	0
4	1. D. R. Appleton (producer), designing a clinical trial. I. Designing a clinical trial. Video produced by D. R. Appleton, University of Newcastle, 1991. Running time: 17 mins. Price: £37, plus p and p and VAT. <i>Statistics in Medicine</i> , 1993 , 12, 1183-1184	2.3	
3	Behavioural responses to SARS-CoV-2 antibody testing in England: REACT-2 study. <i>Wellcome Open Research</i> , 6 , 203	4.8	
2	Behavioural responses to SARS-CoV-2 antibody testing in England: REACT-2 study. <i>Wellcome Open Research</i> , 6 , 203	4.8	
1	Commentary on training and education in medical statistics, in celebration of 40 years of statistics in medicine and 50 years of the MSc medical statistics at LSHTM.. <i>Statistics in Medicine</i> , 2022 , 41, 835-837 ^{2.3}		