

John N S Matthews

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

4,927
citations

87723

38
h-index

102304

66
g-index

127
all docs

127
docs citations

127
times ranked

5129
citing authors

#	ARTICLE	IF	CITATIONS
1	Adjuvant Rituximabâ€”Exploratory Trial in Young People With Graves Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 743-754.	1.8	15
2	A comparison of food portion size estimation methods among 11â€”12â€”year olds: 3D food models vs an online tool using food portion photos (Intake24). <i>BMC Nutrition</i> , 2021, 7, 10.	0.6	2
3	Reproducibility of 19 Fâ€”MR ventilation imaging in healthy volunteers. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3343-3352.	1.9	6
4	Implementation of Universal Infant Free School Meals: a pilot study in NE England exploring the impact on Key Stage 1 pupilâ€™s dietary intake. <i>Public Health Nutrition</i> , 2021, 24, 3167-3175.	1.1	4
5	I-KID study protocol: evaluation of efficacy, outcomes and safety of a new infant haemodialysis and ultrafiltration machine in clinical use: a randomised clinical investigation using a cluster stepped-wedge design. <i>BMJ Paediatrics Open</i> , 2021, 5, e001224.	0.6	8
6	Highly efficient stepped wedge designs for clusters of unequal size. <i>Biometrics</i> , 2020, 76, 1167-1176.	0.8	11
7	Randomised trial of block and replace vs dose titration thionamide in young people with thyrotoxicosis. <i>European Journal of Endocrinology</i> , 2020, 183, 637-645.	1.9	14
8	A natural experimental evaluation of the effect of universal infant free school meals on key stage 1 pupil's dietary intake in northeast England: a pilot study. <i>Lancet, The</i> , 2019, 394, S87.	6.3	0
9	Impact of non-uniform correlation structure on sample size and power in multiple-period cluster randomised trials. <i>Statistical Methods in Medical Research</i> , 2019, 28, 703-716.	0.7	85
10	Associations of vitamin D status with dietary intakes and physical activity levels among adults from seven European countries: the Food4Me study. <i>European Journal of Nutrition</i> , 2018, 57, 1357-1368.	1.8	29
11	Effect of personalized nutrition on health-related behaviour change: evidence from the Food4me European randomized controlled trial. <i>International Journal of Epidemiology</i> , 2017, 46, dyw186.	0.9	219
12	Stepped wedge designs: insights from a design of experiments perspective. <i>Statistics in Medicine</i> , 2017, 36, 3772-3790.	0.8	37
13	Development of food photographs for use with children aged 18 months to 16 years: Comparison against weighed food diaries â€” The Young Personâ€™s Food Atlas (UK). <i>PLoS ONE</i> , 2017, 12, e0169084.	1.1	24
14	Comparison of INTAKE24 (an Online 24-h Dietary Recall Tool) with Interviewer-Led 24-h Recall in 11â€”24 Year-Old. <i>Nutrients</i> , 2016, 8, 358.	1.7	73
15	Should we play on your lawn or mine?. <i>Mathematical Gazette</i> , 2016, 100, 24-33.	0.0	0
16	Anticoagulation in Haemodialysis inâ€”Children: A Thirty-Period Crossover Trial. , 2016, , 243-249.		0
17	Inconsistent treatment estimates from misâ€”specified logistic regression analyses of randomized trials. <i>Statistics in Medicine</i> , 2015, 34, 2681-2694.	0.8	1
18	Does the use of passive or active consent affect consent or completion rates, or dietary data quality? Repeat cross-sectional survey among school children aged 11-12 years. <i>BMJ Open</i> , 2015, 5, e006457-e006457.	0.8	23

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19	Penalised logistic regression and dynamic prediction for discrete-time recurrent event data. <i>Lifetime Data Analysis</i> , 2015, 21, 542-560.	0.4	10
20	Design and baseline characteristics of the Food4Me study: a web-based randomised controlled trial of personalised nutrition in seven European countries. <i>Genes and Nutrition</i> , 2015, 10, 450.	1.2	134
21	Did School Food and Nutrient-Based Standards in England Impact on 11-12Y Olds Nutrient Intake at Lunchtime and in Total Diet? Repeat Cross-Sectional Study. <i>PLoS ONE</i> , 2014, 9, e112648.	1.1	18
22	A repeat cross-sectional study examining the equitable impact of nutritional standards for school lunches in England in 2008 on the diets of 4-7y olds across the socio-economic spectrum. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014, 11, 128.	2.0	13
23	Dropout in crossover and longitudinal studies: Is complete case so bad?. <i>Statistical Methods in Medical Research</i> , 2014, 23, 60-73.	0.7	6
24	An optimal multi-period crossover design for an application in paediatric nephrology. <i>Statistics in Medicine</i> , 2014, 33, 857-866.	0.8	2
25	Does prompt treatment of urinary tract infection in preschool children prevent renal scarring: mixed retrospective and prospective audits. <i>Archives of Disease in Childhood</i> , 2014, 99, 342-347.	1.0	61
26	Two-period, two-treatment crossover designs subject to non-ignorable missing data. <i>Biostatistics</i> , 2013, 14, 626-638.	0.9	11
27	The Impact of Food and Nutrient-Based Standards on Primary School Children's Lunch and Total Dietary Intake: A Natural Experimental Evaluation of Government Policy in England. <i>PLoS ONE</i> , 2013, 8, e78298.	1.1	41
28	Dropouts in the AB/BA crossover design. <i>Statistics in Medicine</i> , 2012, 31, 1675-1687.	0.8	12
29	Optimal designs for threshold-determining limiting dilution assays. <i>Journal of Statistical Planning and Inference</i> , 2012, 142, 1388-1395.	0.4	0
30	Raised Adolescent Body Mass Index Predicts the Development of Adiposity and a Central Distribution of Body Fat in Adulthood: A Longitudinal Study. <i>Obesity Facts</i> , 2009, 2, 150-156.	1.6	38
31	Low-dose exposure to antigen induces sub-clinical sensitization. <i>Clinical and Experimental Immunology</i> , 2008, 81, 507-509.	1.1	33
32	Comparison of analgesic effects and patient tolerability of nabilone and dihydrocodeine for chronic neuropathic pain: randomised, crossover, double blind study. <i>BMJ: British Medical Journal</i> , 2008, 336, 199-201.	2.4	163
33	Children's estimates of food portion size: the effect of timing of dietary interview on the accuracy of children's portion size estimates. <i>British Journal of Nutrition</i> , 2008, 99, 185-190.	1.2	24
34	Children's estimates of food portion size: the development and evaluation of three portion size assessment tools for use with children. <i>British Journal of Nutrition</i> , 2008, 99, 175-184.	1.2	73
35	Comparison of alteplase and heparin in maintaining the patency of paediatric central venous haemodialysis lines: a randomised controlled trial. <i>Archives of Disease in Childhood</i> , 2007, 92, 499-501.	1.0	44
36	Changes in consumption of sugars by English adolescents over 20 years. <i>Public Health Nutrition</i> , 2007, 10, 354-363.	1.1	36

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37	Reduced anti-PRP antibody response to Hib immunisation in preterm (<32 weeks) UK infants who received inactivated polio (eIPV). <i>Vaccine</i> , 2007, 25, 8206-8208.	1.7	5
38	A Randomized Comparison of Selective Broadband UVB and Narrowband UVB in the Treatment of Psoriasis. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1641-1646.	0.3	56
39	Oral ciprofloxacin or trimethoprim reduces bacteriuria after flexible cystoscopy. <i>BJU International</i> , 2007, 100, 826-829.	1.3	56
40	A stable isotope titration method to determine the contribution of acetate disproportionation and carbon dioxide reduction to methanogenesis. <i>Journal of Microbiological Methods</i> , 2006, 65, 180-186.	0.7	2
41	The Development of a Snoring Symptoms Inventory. <i>Otolaryngology - Head and Neck Surgery</i> , 2006, 134, 56-62.	1.1	14
42	Accuracy of estimates of food portion size using food photographs – the importance of using age-appropriate tools. <i>Public Health Nutrition</i> , 2006, 9, 509-514.	1.1	93
43	Haemophilus influenzae Type b Immunization in Infants in the United Kingdom: Effects of Diphtheria/Tetanus/Acellular Pertussis/Hib Combination Vaccine, Significant Prematurity, and a Fourth Dose. <i>Pediatrics</i> , 2006, 117, e717-e724.	1.0	35
44	Removal of acetabular bone in resurfacing arthroplasty of the hip. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2006, 88-B, 31-34.	3.4	69
45	Does antenatal pelvic dilation predict renal scarring?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2005, 90, F339-f340.	1.4	7
46	The effect of otitis media with effusions on balance in children. <i>Clinical Otolaryngology</i> , 2004, 29, 318-320.	0.0	16
47	A case control study to examine the pharmacological factors underlying ventricular septal defects in the North of England. <i>European Journal of Clinical Pharmacology</i> , 2004, 60, 635-641.	0.8	24
48	Optimal designs for Michaelis-Menten kinetic studies. <i>Statistics in Medicine</i> , 2004, 23, 477-491.	0.8	22
49	Risk of developing a mitochondrial DNA deletion disorder. <i>Lancet, The</i> , 2004, 364, 592-596.	6.3	201
50	Changes over 20 years in macronutrient intake and body mass index in 11- to 12-year-old adolescents living in Northumberland. <i>British Journal of Nutrition</i> , 2004, 92, 321-333.	1.2	39
51	A nurse led education and direct access service for the management of urinary tract infections in children: prospective controlled trial. <i>BMJ: British Medical Journal</i> , 2003, 327, 656-0.	2.4	34
52	In-hospital mortality from abdominal aortic surgery in Great Britain and Ireland: Vascular Anaesthesia Society audit. <i>British Journal of Surgery</i> , 2002, 88, 687-692.	0.1	85
53	Dose-response relationships between individual nonaspirin nonsteroidal anti-inflammatory drugs (NANSAIDs) and serious upper gastrointestinal bleeding: a meta-analysis based on individual patient data. <i>British Journal of Clinical Pharmacology</i> , 2002, 54, 320-326.	1.1	199
54	Methods for the analysis and design of limiting dilution assays. <i>Developments in Biologicals</i> , 2002, 107, 87-94.	0.4	0

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55	Statistical problems with "optimal"™ thresholds in studies of new prognostic factors in urology. BJU International, 2000, 85, 392-397.	1.3	18
56	The relationship between accessory foramina and tumour spread on the medial mandibular surface. Journal of Anatomy, 2000, 196, 23-29.	0.9	27
57	Melanocortin-1-receptor gene and sun sensitivity in individuals without red hair. Lancet, The, 2000, 355, 1072-1073.	6.3	137
58	Pumactant and poractant alfa for treatment of respiratory distress syndrome in neonates born at 25-29 weeks' gestation: a randomised trial. Lancet, The, 2000, 355, 1387-1392.	6.3	110
59	Effect of Prior Specification on Bayesian Design for Two-Sample Comparison of a Binary Outcome. American Statistician, 1999, 53, 254-256.	0.9	3
60	Relationship between accessory foramina and tumour spread in the lateral mandibular surface. Journal of Anatomy, 1999, 195, 185-190.	0.9	26
61	A randomized comparison of narrow-band TL-01 phototherapy and PUVA photochemotherapy for psoriasis. Journal of the American Academy of Dermatology, 1999, 41, 728-732.	0.6	205
62	Statistical method for the estimation of cerebral blood flow using the Kety-Schmidt technique. Clinical Science, 1999, 97, 485-492.	1.8	8
63	Effect of Prior Specification on Bayesian Design for Two-Sample Comparison of a Binary Outcome. American Statistician, 1999, 53, 254.	0.9	2
64	Sponsored trials do not necessarily give more-favourable results. BMJ: British Medical Journal, 1999, 318, 1762-1762.	2.4	3
65	Prognostic significance of allelic losses in primary melanoma. Oncogene, 1998, 16, 2213-2218.	2.6	74
66	Alternative criteria for optimal designs of limiting dilution assays. , 1998, 17, 2733-2746.		4
67	Implementable Bayesian Designs for Limiting Dilution Assays. Biometrics, 1998, 54, 1398.	0.8	11
68	Comparison of psoralen-UVB and psoralen-UVA photochemotherapy in the treatment of psoriasis. Journal of the American Academy of Dermatology, 1997, 36, 577-581.	0.6	48
69	A FORMULA FOR THE PROBABILITY OF DISCORDANT CLASSIFICATION IN METHOD COMPARISON STUDIES. Statistics in Medicine, 1997, 16, 705-710.	0.8	2
70	New renal scarring in children who at age 3 and 4 years had had normal scans with dimercaptosuccinic acid: follow up study. BMJ: British Medical Journal, 1997, 315, 905-908.	2.4	105
71	Is delayed surgery really better for congenital diaphragmatic hernia?: A prospective randomized clinical trial. Journal of Pediatric Surgery, 1996, 31, 1554-1556.	0.8	53
72	Statistics Notes: Interaction 1: heterogeneity of effects. BMJ: British Medical Journal, 1996, 313, 486-486.	2.4	94

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73	Statistics Notes: Interaction 2: compare effect sizes not P values. BMJ: British Medical Journal, 1996, 313, 808-808.	2.4	153
74	Statistics notes: Interaction 3: How to examine heterogeneity. BMJ: British Medical Journal, 1996, 313, 862-862.	2.4	89
75	An Application of Bradley-Terry-Type Models to the Measurement of Pain. Journal of the Royal Statistical Society Series C: Applied Statistics, 1995, 44, 243.	0.5	22
76	Small clinical trials: Are they all bad?. Statistics in Medicine, 1995, 14, 115-126.	0.8	43
77	The Effect of Severe Head Injury on Whole Body Energy Expenditure and Its Possible Hormonal Mediators in Children. Pediatric Research, 1995, 37, 409-417.	1.1	20
78	Likelihood-Based Methods for Bias Reduction in Limiting Dilution Assays. Biometrics, 1995, 51, 1543.	0.8	29
79	Intrathecal fentanyl for post-thoracotomy pain. British Journal of Anaesthesia, 1995, 75, 19-22.	1.5	32
80	Temperature response to severe head injury and the effect on body energy expenditure and cerebral oxygen consumption.. Archives of Disease in Childhood, 1995, 72, 507-515.	1.0	22
81	Relation between size of skin excision, wound, and specimen. Journal of the American Academy of Dermatology, 1995, 32, 1010-1015.	0.6	58
82	Reduced experimental contact sensitivity in squamous cell but not basal cell carcinomas of skin. Lancet, The, 1995, 345, 425-426.	6.3	17
83	The effect of ketanserin on healing of fresh surgical wounds. British Journal of Dermatology, 1995, 132, 580-586.	1.4	15
84	Resting energy expenditure, substrate use, and video tapes. BMJ: British Medical Journal, 1995, 311, 1664-1665.	2.4	1
85	Multi-period crossover trials. Statistical Methods in Medical Research, 1994, 3, 383-405.	0.7	36
86	Modelling and optimality in the design of crossover studies for medical applications. Journal of Statistical Planning and Inference, 1994, 42, 89-108.	0.4	30
87	N-methyl-d-aspartate (NMDA) receptors in the spinal cord and motor cortex in motor neuron disease: a quantitative autoradiographic study using [3H]MK-801. Brain Research, 1994, 637, 297-302.	1.1	37
88	A refinement to the analysis of serial data using summary measures. Statistics in Medicine, 1993, 12, 27-37.	0.8	40
89	Age and gender influence the severity of thyroid-associated ophthalmopathy: a study of 101 patients attending a combined thyroid-eye clinic. Clinical Endocrinology, 1993, 38, 367-372.	1.2	218
90	An Application of the Truncated Poisson Distribution to Immunogold Assay. Biometrics, 1993, 49, 617.	0.8	14

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91	Ambulatory blood pressure monitoring.. Archives of Disease in Childhood, 1993, 69, 681-684.	1.0	13
92	An Investigation of Changepoints in the Annual Number of Cases of Haemolytic Uraemic Syndrome. Journal of the Royal Statistical Society Series C: Applied Statistics, 1993, 42, 461.	0.5	15
93	Centiles for adult head circumference.. Archives of Disease in Childhood, 1992, 67, 1286-1287.	1.0	162
94	Cellulose-based haemodialysis membranes: Biocompatibility and functional performance compared. Nephrology Dialysis Transplantation, 1992, 7, 340-345.	0.4	32
95	Quantifying anti-inflammatory agents' potency by measurement of response to dinitrochlorobenzene challenge. Journal of Dermatological Science, 1992, 4, 1-5.	1.0	5
96	Delayed type hypersensitivity is abnormal in patients with lichen planus. Archives of Dermatological Research, 1992, 284, 132-134.	1.1	5
97	Adjusting for baseline: Change or percentage change. Statistics in Medicine, 1992, 11, 1624-1626.	0.8	30
98	Oral cyclosporin inhibits the expression of contact hypersensitivity in man. Journal of Dermatological Science, 1991, 2, 79-83.	1.0	29
99	Ultrasound screening of newborn urinary tract. Lancet, The, 1991, 338, 1571-1573.	6.3	55
100	The action spectrum between 320 and 400 nm for clearance of psoriasis by psoralen photochemotherapy. British Journal of Dermatology, 1991, 124, 443-448.	1.4	23
101	Corrections in counting paired nuclei labelled with bromodeoxyuridine in tissue sections. Cell Proliferation, 1991, 24, 143-157.	2.4	5
102	Estimation of reference ranges from normal samples. Statistics in Medicine, 1991, 10, 691-695.	0.8	37
103	LATE PERFUSION. Transplantation, 1990, 49, 913-915.	0.5	19
104	Inhibition of photosensitivity in erythropoietic protoporphyria with terfenadine. British Journal of Dermatology, 1990, 122, 809-815.	1.4	26
105	Factorial designs for crossover clinical trials. Statistics in Medicine, 1990, 9, 1121-1129.	0.8	17
106	Ultraviolet stimulated melanogenesis by human melanocytes is augmented by di-acyl glycerol but not TPA. Journal of Cellular Physiology, 1990, 142, 334-341.	2.0	66
107	Analysis of serial measurements in medical research: Authors' reply. BMJ: British Medical Journal, 1990, 300, 680-680.	2.4	14
108	Ultrasound measurement of renal size in newborn infants.. Archives of Disease in Childhood, 1990, 65, 361-364.	1.0	45

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109	The Analysis of Data from Crossover Designs: The Efficiency of Ordinary Least Squares. <i>Biometrics</i> , 1990, 46, 689.	0.8	18
110	COMPARISON OF FOUR METHODS OF PREOXYGENATION. <i>British Journal of Anaesthesia</i> , 1990, 64, 571-576.	1.5	41
111	A study of the eating habits of 11- and 12-year-old children before and one year after the start of a healthy eating campaign in Northumberland. <i>Journal of Human Nutrition and Dietetics</i> , 1990, 3, 323-332.	1.3	11
112	Do education groups help diabetics and their parents?. <i>Archives of Disease in Childhood</i> , 1989, 64, 997-1003.	1.0	14
113	Estimating dispersion parameters in the analysis of data from crossover trials. <i>Biometrika</i> , 1989, 76, 239-244.	1.3	25
114	Quantification of epidermal growth factor in human breast cyst fluids: Correlation with dehydroepiandrosterone-sulphate and electrolyte concentrations. <i>International Journal of Cancer</i> , 1989, 44, 229-232.	2.3	14
115	Essential medical statistics. Betty R. Kirkwood, Blackwell Scientific Publications, Oxford, 1988. No. of pages: 234. Price: £9.95. <i>Statistics in Medicine</i> , 1989, 8, 636-636.	0.8	1
116	Sex differences in susceptibility to development of contact hypersensitivity to dinitrochlorobenzene (DNCB). <i>British Journal of Dermatology</i> , 1989, 120, 371-374.	1.4	61
117	Recent Developments in Crossover Designs. <i>International Statistical Review</i> , 1988, 56, 117.	1.1	43
118	Letter to the editor. <i>Pain</i> , 1988, 33, 132.	2.0	0
119	Optimal crossover designs for the comparison of two treatments in the presence of carryover effects and autocorrelated errors. <i>Biometrika</i> , 1987, 74, 311-320.	1.3	61
120	The Equivalence of Two Models for Ordinal Data. <i>Biometrika</i> , 1985, 72, 206.	1.3	2
121	Robust Methods in the Assessment of Multivariate Normality. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1984, 33, 272.	0.5	5