

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	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
2	Age and gender influence the severity of thyroid-associated ophthalmopathy: a study of 101 patients attending a combined thyroid-eye clinic. <i>Clinical Endocrinology</i> , 1993, 38, 367-372.	1.2	218
3	A randomized comparison of narrow-band TL-01 phototherapy and PUVA photochemotherapy for psoriasis. <i>Journal of the American Academy of Dermatology</i> , 1999, 41, 728-732.	0.6	205
4	Risk of developing a mitochondrial DNA deletion disorder. <i>Lancet, The</i> , 2004, 364, 592-596.	6.3	201
5	Dose-response relationships between individual nonaspirin nonsteroidal anti-inflammatory drugs (NNSAIDs) 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
6	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
7	Centiles for adult head circumference.. <i>Archives of Disease in Childhood</i> , 1992, 67, 1286-1287.	1.0	162
8	Statistics Notes: Interaction 2: compare effect sizes not P values. <i>BMJ: British Medical Journal</i> , 1996, 313, 808-808.	2.4	153
9	Melanocortin-1-receptor gene and sun sensitivity in individuals without red hair. <i>Lancet, The</i> , 2000, 355, 1072-1073.	6.3	137
10	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
11	Pumactant and poractant alfa for treatment of respiratory distress syndrome in neonates born at 25-29 weeks' gestation: a randomised trial. <i>Lancet, The</i> , 2000, 355, 1387-1392.	6.3	110
12	New renal scarring in children who at age 3 and 4 years had had normal scans with dimercaptosuccinic acid: follow up study. <i>BMJ: British Medical Journal</i> , 1997, 315, 905-908.	2.4	105
13	Statistics Notes: Interaction 1: heterogeneity of effects. <i>BMJ: British Medical Journal</i> , 1996, 313, 486-486.	2.4	94
14	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
15	Statistics notes: Interaction 3: How to examine heterogeneity. <i>BMJ: British Medical Journal</i> , 1996, 313, 862-862.	2.4	89
16	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
17	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
18	Prognostic significance of allelic losses in primary melanoma. <i>Oncogene</i> , 1998, 16, 2213-2218.	2.6	74

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19	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
20	Comparison of INTAKE24 (an Online 24-h Dietary Recall Tool) with Interviewer-Led 24-h Recall in 11-24 Year-Old. <i>Nutrients</i> , 2016, 8, 358.	1.7	73
21	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
22	Ultraviolet stimulated melanogenesis by human melanocytes is augmented by di-acyl glycerol but not TPA. <i>Journal of Cellular Physiology</i> , 1990, 142, 334-341.	2.0	66
23	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
24	Sex differences in susceptibility to development of contact hypersensitivity to dinitrochlorobenzene (DNCEB). <i>British Journal of Dermatology</i> , 1989, 120, 371-374.	1.4	61
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	Relation between size of skin excision, wound, and specimen. <i>Journal of the American Academy of Dermatology</i> , 1995, 32, 1010-1015.	0.6	58
27	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
28	Oral ciprofloxacin or trimethoprim reduces bacteriuria after flexible cystoscopy. <i>BJU International</i> , 2007, 100, 826-829.	1.3	56
29	Ultrasound screening of newborn urinary tract. <i>Lancet, The</i> , 1991, 338, 1571-1573.	6.3	55
30	Is delayed surgery really better for congenital diaphragmatic hernia?: A prospective randomized clinical trial. <i>Journal of Pediatric Surgery</i> , 1996, 31, 1554-1556.	0.8	53
31	Comparison of psoralen-UVB and psoralen-UVA photochemotherapy in the treatment of psoriasis. <i>Journal of the American Academy of Dermatology</i> , 1997, 36, 577-581.	0.6	48
32	Ultrasound measurement of renal size in newborn infants.. <i>Archives of Disease in Childhood</i> , 1990, 65, 361-364.	1.0	45
33	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
34	Recent Developments in Crossover Designs. <i>International Statistical Review</i> , 1988, 56, 117.	1.1	43
35	Small clinical trials: Are they all bad?. <i>Statistics in Medicine</i> , 1995, 14, 115-126.	0.8	43
36	COMPARISON OF FOUR METHODS OF PREOXYGENATION. <i>British Journal of Anaesthesia</i> , 1990, 64, 571-576.	1.5	41

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37	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. PLoS ONE, 2013, 8, e78298.	1.1	41
38	A refinement to the analysis of serial data using summary measures. Statistics in Medicine, 1993, 12, 27-37.	0.8	40
39	Changes over 20 years in macronutrient intake and body mass index in 11- to 12-year-old adolescents living in Northumberland. British Journal of Nutrition, 2004, 92, 321-333.	1.2	39
40	Raised Adolescent Body Mass Index Predicts the Development of Adiposity and a Central Distribution of Body Fat in Adulthood: A Longitudinal Study. Obesity Facts, 2009, 2, 150-156.	1.6	38
41	Estimation of reference ranges from normal samples. Statistics in Medicine, 1991, 10, 691-695.	0.8	37
42	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
43	Stepped wedge designs: insights from a design of experiments perspective. Statistics in Medicine, 2017, 36, 3772-3790.	0.8	37
44	Multi-period crossover trials. Statistical Methods in Medical Research, 1994, 3, 383-405.	0.7	36
45	Changes in consumption of sugars by English adolescents over 20 years. Public Health Nutrition, 2007, 10, 354-363.	1.1	36
46	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. Pediatrics, 2006, 117, e717-e724.	1.0	35
47	A nurse led education and direct access service for the management of urinary tract infections in children: prospective controlled trial. BMJ: British Medical Journal, 2003, 327, 656-0.	2.4	34
48	Low-dose exposure to antigen induces sub-clinical sensitization. Clinical and Experimental Immunology, 2008, 81, 507-509.	1.1	33
49	Cellulose-based haemodialysis membranes: Biocompatibility and functional performance compared. Nephrology Dialysis Transplantation, 1992, 7, 340-345.	0.4	32
50	Intrathecal fentanyl for post-thoracotomy pain. British Journal of Anaesthesia, 1995, 75, 19-22.	1.5	32
51	Adjusting for baseline: Change or percentage change. Statistics in Medicine, 1992, 11, 1624-1626.	0.8	30
52	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
53	Oral cyclosporin inhibits the expression of contact hypersensitivity in man. Journal of Dermatological Science, 1991, 2, 79-83.	1.0	29
54	Likelihood-Based Methods for Bias Reduction in Limiting Dilution Assays. Biometrics, 1995, 51, 1543.	0.8	29

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55	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
56	The relationship between accessory foramina and tumour spread on the medial mandibular surface. <i>Journal of Anatomy</i> , 2000, 196, 23-29.	0.9	27
57	Inhibition of photosensitivity in erythropoietic protoporphyria with terfenadine. <i>British Journal of Dermatology</i> , 1990, 122, 809-815.	1.4	26
58	Relationship between accessory foramina and tumour spread in the lateral mandibular surface. <i>Journal of Anatomy</i> , 1999, 195, 185-190.	0.9	26
59	Estimating dispersion parameters in the analysis of data from crossover trials. <i>Biometrika</i> , 1989, 76, 239-244.	1.3	25
60	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
61	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
62	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
63	The action spectrum between 320 and 400 nm for clearance of psoriasis by psoralen photochemotherapy. <i>British Journal of Dermatology</i> , 1991, 124, 443-448.	1.4	23
64	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
65	An Application of Bradley-Terry-Type Models to the Measurement of Pain. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1995, 44, 243.	0.5	22
66	Temperature response to severe head injury and the effect on body energy expenditure and cerebral oxygen consumption.. <i>Archives of Disease in Childhood</i> , 1995, 72, 507-515.	1.0	22
67	Optimal designs for Michaelis-Menten kinetic studies. <i>Statistics in Medicine</i> , 2004, 23, 477-491.	0.8	22
68	The Effect of Severe Head Injury on Whole Body Energy Expenditure and Its Possible Hormonal Mediators in Children. <i>Pediatric Research</i> , 1995, 37, 409-417.	1.1	20
69	LATE PERFUSION. <i>Transplantation</i> , 1990, 49, 913-915.	0.5	19
70	The Analysis of Data from Crossover Designs: The Efficiency of Ordinary Least Squares. <i>Biometrics</i> , 1990, 46, 689.	0.8	18
71	Statistical problems with â€œoptimalâ€™ thresholds in studies of new prognostic factors in urology. <i>BJU International</i> , 2000, 85, 392-397.	1.3	18
72	Did School Food and Nutrient-Based Standards in England Impact on 11â€™12Y Olds Nutrient Intake at Lunchtime and in Total Diet? Repeat Cross-Sectional Study. <i>PLoS ONE</i> , 2014, 9, e112648.	1.1	18

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73	Factorial designs for crossover clinical trials. <i>Statistics in Medicine</i> , 1990, 9, 1121-1129.	0.8	17
74	Reduced experimental contact sensitivity in squamous cell but not basal cell carcinomas of skin. <i>Lancet, The</i> , 1995, 345, 425-426.	6.3	17
75	The effect of otitis media with effusions on balance in children. <i>Clinical Otolaryngology</i> , 2004, 29, 318-320.	0.0	16
76	An Investigation of Changepoints in the Annual Number of Cases of Haemolytic Uraemic Syndrome. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1993, 42, 461.	0.5	15
77	The effect of ketanserine on healing of fresh surgical wounds. <i>British Journal of Dermatology</i> , 1995, 132, 580-586.	1.4	15
78	Adjuvant Rituximab Exploratory Trial in Young People With Graves Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 743-754.	1.8	15
79	Do education groups help diabetics and their parents?. <i>Archives of Disease in Childhood</i> , 1989, 64, 997-1003.	1.0	14
80	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
81	Analysis of serial measurements in medical research: Authors' reply. <i>BMJ: British Medical Journal</i> , 1990, 300, 680-680.	2.4	14
82	An Application of the Truncated Poisson Distribution to Immunogold Assay. <i>Biometrics</i> , 1993, 49, 617.	0.8	14
83	The Development of a Snoring Symptoms Inventory. <i>Otolaryngology - Head and Neck Surgery</i> , 2006, 134, 56-62.	1.1	14
84	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
85	Ambulatory blood pressure monitoring.. <i>Archives of Disease in Childhood</i> , 1993, 69, 681-684.	1.0	13
86	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
87	Dropouts in the AB/BA crossover design. <i>Statistics in Medicine</i> , 2012, 31, 1675-1687.	0.8	12
88	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
89	Implementable Bayesian Designs for Limiting Dilution Assays. <i>Biometrics</i> , 1998, 54, 1398.	0.8	11
90	Two-period, two-treatment crossover designs subject to non-ignorable missing data. <i>Biostatistics</i> , 2013, 14, 626-638.	0.9	11

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91	Highly efficient stepped wedge designs for clusters of unequal size. <i>Biometrics</i> , 2020, 76, 1167-1176.	0.8	11
92	Penalised logistic regression and dynamic prediction for discrete-time recurrent event data. <i>Lifetime Data Analysis</i> , 2015, 21, 542-560.	0.4	10
93	Statistical method for the estimation of cerebral blood flow using the Ketyâ€“Schmidt technique. <i>Clinical Science</i> , 1999, 97, 485-492.	1.8	8
94	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
95	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
96	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
97	Reproducibility of 19 Fâ€“MR ventilation imaging in healthy volunteers. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3343-3352.	1.9	6
98	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
99	Corrections in counting paired nuclei labelled with bromodeoxyuridine in tissue sections. <i>Cell Proliferation</i> , 1991, 24, 143-157.	2.4	5
100	Quantifying anti-inflammatory agents' potency by measurement of response to dinitrochlorobenzene challenge. <i>Journal of Dermatological Science</i> , 1992, 4, 1-5.	1.0	5
101	Delayed type hypersensitivity is abnormal in patients with lichen planus. <i>Archives of Dermatological Research</i> , 1992, 284, 132-134.	1.1	5
102	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
103	Alternative criteria for optimal designs of limiting dilution assays. , 1998, 17, 2733-2746.		4
104	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
105	Effect of Prior Specification on Bayesian Design for Two-Sample Comparison of a Binary Outcome. <i>American Statistician</i> , 1999, 53, 254-256.	0.9	3
106	Sponsored trials do not necessarily give more-favourable results. <i>BMJ: British Medical Journal</i> , 1999, 318, 1762-1762.	2.4	3
107	The Equivalence of Two Models for Ordinal Data. <i>Biometrika</i> , 1985, 72, 206.	1.3	2
108	A FORMULA FOR THE PROBABILITY OF DISCORDANT CLASSIFICATION IN METHOD COMPARISON STUDIES. <i>Statistics in Medicine</i> , 1997, 16, 705-710.	0.8	2

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109	Effect of Prior Specification on Bayesian Design for Two-Sample Comparison of a Binary Outcome. <i>American Statistician</i> , 1999, 53, 254.	0.9	2
110	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
111	An optimal multi-period crossover design for an application in paediatric nephrology. <i>Statistics in Medicine</i> , 2014, 33, 857-866.	0.8	2
112	A comparison of food portion size estimation methods among 11-12-year olds: 3D food models vs an online tool using food portion photos (Intake24). <i>BMC Nutrition</i> , 2021, 7, 10.	0.6	2
113	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
114	Inconsistent treatment estimates from misspecified logistic regression analyses of randomized trials. <i>Statistics in Medicine</i> , 2015, 34, 2681-2694.	0.8	1
115	Resting energy expenditure, substrate use, and video tapes. <i>BMJ: British Medical Journal</i> , 1995, 311, 1664-1665.	2.4	1
116	Letter to the editor. <i>Pain</i> , 1988, 33, 132.	2.0	0
117	Optimal designs for threshold-determining limiting dilution assays. <i>Journal of Statistical Planning and Inference</i> , 2012, 142, 1388-1395.	0.4	0
118	Should we play on your lawn or mine?. <i>Mathematical Gazette</i> , 2016, 100, 24-33.	0.0	0
119	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
120	Anticoagulation in Haemodialysis in Children: A Thirty-Period Crossover Trial. , 2016, , 243-249.		0
121	Methods for the analysis and design of limiting dilution assays. <i>Developments in Biologicals</i> , 2002, 107, 87-94.	0.4	0