Mark D Atkinson

List of Publications by Year
in descending order

48 papers	2,730 citations	279798 23 h-index	289244 40 g-index
48 all docs	48 docs citations	48 times ranked	3839 citing authors

#	Article	IF	Citations
1	Chromosomal rearrangements in the rye genome relative to that of wheat. Theoretical and Applied Genetics, 1993, 85-85, 673-680.	3.6	388
2	Betula Pendula Roth (B. Verrucosa Ehrh.) and B. Pubescens Ehrh.. Journal of Ecology, 1992, 80, 837.	4.0	294
3	RFLP-based genetic map of the homoeologous group 3 chromosomes of wheat and rye. Theoretical and Applied Genetics, 1992, 83, 931-939.	3.6	255
4	Algorithms for the Capture and Adjudication of Prevalent and Incident Diabetes in UK Biobank. PLoS ONE, 2016, 11, e0162388.	2.5	232
5	Nonhomoeologous translocations between group 4, 5 and 7 chromosomes within wheat and rye. Theoretical and Applied Genetics, 1992, 83, 305-312.	3.6	219
6	The incidence of acute pancreatitis: impact of social deprivation, alcohol consumption, seasonal and demographic factors. Alimentary Pharmacology and Therapeutics, 2013, 38, 539-548.	3.7	163
7	Biological <scp>F</scp>lora of the <scp>B</scp>ritish <scp>I</scp>sles: <i><scp>F</scp>agus sylvatica</i>. Journal of Ecology, 2012, 100, 1557-1608.	4.0	126
8	Diagnosed prevalence of Ehlers-Danlos syndrome and hypermobility spectrum disorder in Wales, UK: a national electronic cohort study and case–control comparison. BMJ Open, 2019, 9, e031365.	1.9	121
9	Sambucus nigraL.. Journal of Ecology, 2002, 90, 895-923.	4.0	117
10	No Increased Rate of Acute Myocardial Infarction or Stroke Among Patients with Ankylosing Spondylitis—A Retrospective Cohort Study Using Routine Data. Seminars in Arthritis and Rheumatism, 2012, 42, 140-145.	3.4	68
11	Obesity in pregnancy: a retrospective prevalence-based study on health service utilisation and costs on the NHS. BMJ Open, 2014, 4, e003983.	1.9	68
12	Defining Disease Phenotypes in Primary Care Electronic Health Records by a Machine Learning Approach: A Case Study in Identifying Rheumatoid Arthritis. PLoS ONE, 2016, 11, e0154515.	2.5	64
13	Incidence of Campylobacter and Salmonella Infections Following First Prescription for PPI: A Cohort Study Using Routine Data. American Journal of Gastroenterology, 2013, 108, 1094-1100.	0.4	53
14	Relationships between airborne fungal spore concentration of Cladosporium and the summer climate at two sites in Britain. International Journal of Biometeorology, 2004, 48, 137-141.	3.0	49
15	Comparative RFLP-based genetic maps of barley chromosome 5 (1H) and rye chromosome 1R. Theoretical and Applied Genetics, 1992, 84-84, 339-344.	3.6	42
16	RFLP-based genetic map of rye (Secale cereale L.) chromosome 1R. Theoretical and Applied Genetics, 1991, 82, 174-178.	3.6	41
17	Impacts of the Primary School Free Breakfast Initiative on socio-economic inequalities in breakfast consumption among 9–11-year-old schoolchildren in Wales. Public Health Nutrition, 2014, 17, 1280-1289.	2.2	41
18	Development of an algorithm for determining smoking status and behaviour over the life course from UK electronic primary care records. BMC Medical Informatics and Decision Making, 2017, 17, 2.	3.0	38

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19	Relationships between soil characteristics and species richness in two botanically heterogeneous created meadows in the urban English West Midlands. Biological Conservation, 2001, 97, 171-180.	4.1	36
20	The Cost of Ankylosing Spondylitis in the UK Using Linked Routine and Patient-Reported Survey Data. PLoS ONE, 2015, 10, e0126105.	2.5	36
21	Summer climate mediates UK wheat quality response to winter North Atlantic Oscillation. Agricultural and Forest Meteorology, 2005, 130, 27-37.	4.8	33
22	Grain quality in the Broadbalk Wheat Experiment and the winter North Atlantic Oscillation. Journal of Agricultural Science, 2008, 146, 541-549.	1.3	32
23	Cohort profile: HealthWise Wales. A research register and population health data platform with linkage to National Health Service data sets in Wales. BMJ Open, 2019, 9, e031705.	1.9	25
24	Evidence for a persistent, major excess in all cause admissions to hospital in children with type-1 diabetes: results from a large Welsh national matched community cohort study. BMJ Open, 2015, 5, e005644-e005644.	1.9	23
25	The volumes and morphology of human chromosomes in mitotic reconstructions. Human Genetics, 1989, 84, 27-34.	3.8	22
26	Severe flare as a predictor of poor outcome in ankylosing spondylitis: a cohort study using questionnaire and routine data linkage. Rheumatology, 2015, 54, 1563-1572.	1.9	16
27	Association of Diabetes in Pregnancy with Child Weight at Birth, Age 12 Months and 5 Years – A Population-Based Electronic Cohort Study. PLoS ONE, 2013, 8, e79803.	2.5	15
28	Discrimination between Betula pendula, Betula pubescens, and their hybrids using near-infrared reflectance spectroscopy. Canadian Journal of Forest Research, 1997, 27, 1896-1900.	1.7	15
29	Pre-maturity α-amylase and incipient sprouting in UK winter wheat, with special reference to the variety Rialto. Euphytica, 2005, 143, 265-269.	1.2	13
30	The coding sequence for sedoheptulose-1,7-bisphosphatase detects multiple homologues in wheat genomic DNA. Theoretical and Applied Genetics, 1992, 85-85, 133-135.	3.6	12
31	Protocol for a population-based Ankylosing Spondylitis (PAS) cohort in Wales. BMC Musculoskeletal Disorders, 2010, 11, 197.	1.9	12
32	HERALD (Health Economics using Routine Anonymised Linked Data). BMC Medical Informatics and Decision Making, 2012, 12, 24.	3.0	10
33	The prevalence of hidradenitis suppurativa is shown by the Secure Anonymised Information Linkage () Tj ETQq1 1 0.784314 rgBT /Over Dermatology, 2020, 183, 950-952.	1.5	10
34	A comparison of the pharmacodynamic profiles of insulin detemir and insulin glargine: A single dose clamp study in people with type 2 diabetes. Diabetes and Metabolism, 2013, 39, 537-542.	2.9	8
35	Mining textual data from primary healthcare records: Automatic identification of patient phenotype cohorts. , 2014, , .		7
36	Mining Primary Care Electronic Health Records for Automatic Disease Phenotyping: A Transparent Machine Learning Framework. Diagnostics, 2021, 11, 1908.	2.6	6

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37	Adiponectin levels in people with Latent Autoimmune Diabetes-a case control study. BMC Research Notes, 2010, 3, 317.	1.4	4
38	Public awareness in Wales of the UK Yellow Card scheme for reporting suspected adverse drug reactions. British Journal of Clinical Pharmacology, 2021, 87, 3344-3348.	2.4	4
39	The impact of supply, demand and grain quality on the UK bread and feed wheat price differential in the UK. Journal of Agricultural Science, 2006, 144, 411-419.	1.3	3
40	A retrospective epidemiological study of Type 1 Diabetes Mellitus in Wales, UK between 2008 and 2018. International Journal of Population Data Science, 2021, 6, 1387.	0.1	3
41	SVM with entropy regularization and particle swarm optimization for identifying children's health and socioeconomic determinants of education attainments using linked datasets. , 2010, , .		2
42	Shielding reduced incidence of COVID-19 in patients with inflammatory arthritis but vulnerability is associated with increased mortality. Rheumatology, 2022, 61, SI120-SI128.	1.9	2
43	Identification and breeding behaviour of a major deletion of chromosome 5D ofTriticum aestivum. Euphytica, 1995, 84, 189-195.	1.2	1
44	OA05â‚¬ƒLower incidence of COVID-19 but higher mortality in patients with inflammatory arthritis compared to controls in Wales, United Kingdom: a population epidemiological study. Rheumatology, 2022, 61, .	1.9	1
45	HERALD (Health Economics using Routine Anonymised Linked Data). Trials, 2011, 12, .	1.6	0
46	Response to Fujita et al.. American Journal of Gastroenterology, 2014, 109, 138-139.	0.4	0
47	Comparing feature selection methods for highdimensional imbalanced data: identifying rheumatoid arthritis cohorts from routine data. , 2015, , .		0
48	Biological Flora of the British Isles: Lathraea clandestina. Journal of Ecology, 2020, 108, 2145-2168.	4.0	0