Conor Patrick Farrington

List of Publications by Year
in descending order

126 papers	9,768 citations	44042 48 h-index	37183 96 g-index
131 all docs	131 docs citations	131 times ranked	8511 citing authors

#	Article	IF	Citations
1	Risk of Myocardial Infarction and Stroke after Acute Infection or Vaccination. New England Journal of Medicine, 2004, 351, 2611-2618.	13.9	1,172
2	Autism and measles, mumps, and rubella vaccine: no epidemiological evidence for a causal association. Lancet, The, 1999, 353, 2026-2029.	6.3	681
3	Test statistics and sample size formulae for comparative binomial trials with null hypothesis of non-zero risk difference or non-unity relative risk. Statistics in Medicine, 1990, 9, 1447-1454.	0.8	589
4	Tutorial in biostatistics: the self-controlled case series method. Statistics in Medicine, 2006, 25, 1768-1797.	0.8	557
5	A new method for active surveillance of adverse events from diphtheria/tetanus/pertussis and measles/mumps/rubella vaccines. Lancet, The, 1995, 345, 567-569.	6.3	313
6	A Statistical Algorithm for the Early Detection of Outbreaks of Infectious Disease. Journal of the Royal Statistical Society Series A: Statistics in Society, 1996, 159, 547.	0.6	298
7	Relative Incidence Estimation from Case Series for Vaccine Safety Evaluation. Biometrics, 1995, 51, 228.	0.8	287
8	Risk of acute myocardial infarction and ischaemic stroke following COVID-19 in Sweden: a self-controlled case series and matched cohort study. Lancet, The, 2021, 398, 599-607.	6.3	260
9	Estimation of Vaccine Effectiveness Using the Screening Method. International Journal of Epidemiology, 1993, 22, 742-746.	0.9	224
10	Case Series Analysis of Adverse Reactions to Vaccines: A Comparative Evaluation. American Journal of Epidemiology, 1996, 143, 1165-1173.	1.6	205
11	Risk of aseptic meningitis after measles, mumps,and rubella vaccine in UK children. Lancet, The, 1993, 341, 979-982.	6.3	202
12	Short report: Idiopathic thrombocytopenic purpura and MMR vaccine. Archives of Disease in Childhood, 2001, 84, 227-229.	1.0	195
13	The methodology of self-controlled case series studies. Statistical Methods in Medical Research, 2009, 18, 7-26.	0.7	189
14	MMR and autism: further evidence against a causal association. Vaccine, 2001, 19, 3632-3635.	1.7	176
15	Exposure to Tricyclic and Selective Serotonin Reuptake Inhibitor Antidepressants and the Risk of Hip Fracture. American Journal of Epidemiology, 2003, 158, 77-84.	1.6	172
16	Epidemiology of Transmissible Diseases after Elimination. American Journal of Epidemiology, 2000, 151, 1039-1048.	1.6	160
17	Risks of deep vein thrombosis, pulmonary embolism, and bleeding after covid-19: nationwide self-controlled cases series and matched cohort study. BMJ, The, 2022, 377, e069590.	3.0	158
18	Modelling forces of infection for measles, mumps and rubella. Statistics in Medicine, 1990, 9, 953-967.	0.8	128

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19	Case series analysis for censored, perturbed, or curtailed post-event exposures. Biostatistics, 2009, 10, 3-16.	0.9	128
20	Secondary analyses of the efficacy of two acellular pertussis vaccines evaluated in a Swedish phase III trial. Vaccine, 1990, 8, 457-461.	1.7	123
21	Estimation of the basic reproduction number for infectious diseases from ageâ€stratified serological survey data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2001, 50, 251-292.	0.5	122
22	An improved algorithm for outbreak detection in multiple surveillance systems. Statistics in Medicine, 2013, 32, 1206-1222.	0.8	122
23	Branching process models for surveillance of infectious diseases controlled by mass vaccination. Biostatistics, 2003, 4, 279-295.	0.9	114
24	Control without separate controls: evaluation of vaccine safety using case-only methods. Vaccine, 2004, 22, 2064-2070.	1.7	102
25	Use of the self-controlled case-series method in vaccine safety studies: review and recommendations for best practice. Epidemiology and Infection, 2011, 139, 1805-1817.	1.0	97
26	Myocardial Infarction, Stroke, and Pulmonary Embolism After BNT162b2 mRNA COVID-19 Vaccine in People Aged 75 Years or Older. JAMA - Journal of the American Medical Association, 2022, 327, 80.	3.8	95
27	The Epidemiology of Subacute Sclerosing Panencephalitis in England and Wales 1970â€“1989. International Journal of Epidemiology, 1992, 21, 998-1006.	0.9	93
28	Outbreak of Aseptic Meningitis associated with Mass Vaccination with a Urabe-containing Measles-Mumps-Rubella Vaccine: Implications for Immunization Programs. American Journal of Epidemiology, 2000, 151, 524-530.	1.6	91
29	Relative incidence estimation from case series for vaccine safety evaluation. Biometrics, 1995, 51, 228-35.	0.8	86
30	Semiparametric analysis of case series data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2006, 55, 553-594.	0.5	82
31	Preliminary report: Accurate assays for anti-HIV in urine. Lancet, The, 1990, 335, 1366-1369.	6.3	80
32	Deaths from variant Creutzfeldt-Jakob disease in the UK. Lancet, The, 2003, 361, 751-752.	6.3	79
33	Does concurrent prescription of selective serotonin reuptake inhibitors and non-steroidal anti-inflammatory drugs substantially increase the risk of upper gastrointestinal bleeding?. Alimentary Pharmacology and Therapeutics, 2005, 22, 175-181.	1.9	78
34	Use of nicotine replacement therapy and the risk of acute myocardial infarction, stroke, and death. Tobacco Control, 2005, 14, 416-421.	1.8	78
35	Shift in age in chickenpox. Lancet, The, 1993, 341, 308-309.	6.3	76
36	Incidence of variant Creutzfeldt-Jakob disease in the UK. Lancet, The, 2000, 356, 481-482.	6.3	68

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37	Deaths from variant Creutzfeldt-Jakob disease. Lancet, The, 1999, 353, 979.	6.3	64
38	Antipsychotic Use and Myocardial Infarction in Older Patients With Treated Dementia. Archives of Internal Medicine, 2012, 172, 648.	4.3	64
39	Age-specific efficacy of pertussis vaccine during epidemic and non-epidemic periods. Epidemiology and Infection, 1993, 111, 41-48.	1.0	63
40	The European Sero-Epidemiology Network: standardizing the enzyme immunoassay results for measles, mumps and rubella. Epidemiology and Infection, 2000, 125, 127-143.	1.0	63
41	Sample sizes for self-controlled case series studies. Statistics in Medicine, 2006, 25, 2618-2631.	0.8	62
42	Age-specific antibody prevalence to hepatitis A in England: implications for disease control. Epidemiology and Infection, 1994, 113, 113-120.	1.0	61
43	Does influenza vaccination increase consultations, corticosteroid prescriptions, or exacerbations in subjects with asthma or chronic obstructive pulmonary disease?. Thorax, 2003, 58, 835-839.	2.7	61
44	Estimating prevalence by group testing using generalized linear models. Statistics in Medicine, 1992, 11, 1591-1597.	0.8	58
45	On vaccine efficacy and reproduction numbers. Mathematical Biosciences, 2003, 185, 89-109.	0.9	57
46	Molecular epidemiology of a large outbreak of hepatitis B linked to autohaemotherapy. Lancet, The, 2000, 356, 379-384.	6.3	55
47	The Measurement and Interpretation of Age-Specific Vaccine Efficacy. International Journal of Epidemiology, 1992, 21, 1014-1020.	0.9	52
48	Self-Controlled Case Series Analysis With Event-Dependent Observation Periods. Journal of the American Statistical Association, 2011, 106, 417-426.	1.8	52
49	Self-Controlled Case Series Studies. , 0, , .		52
50	Within-subject exposure dependency in case-crossover studies. Statistics in Medicine, 2001, 20, 3039-3049.	0.8	49
51	Bupropion and the risk of sudden death: a self-controlled case-series analysis using The Health Improvement Network. Thorax, 2005, 60, 848-850.	2.7	48
52	Estimation of effective reproduction numbers for infectious diseases using serological survey data. Biostatistics, 2003, 4, 621-632.	0.9	45
53	Epidemiological studies of the nonâ€specific effects of vaccines: II â€“ methodological issues in the design and analysis of cohort studies. Tropical Medicine and International Health, 2009, 14, 977-985.	1.0	43
54	The prevalence of hepatitis B infection in adults in England and Wales. Epidemiology and Infection, 1999, 122, 133-138.	1.0	42

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55	Changes in age related seroprevalence of antibody to varicella zoster virus: impact on vaccine strategy. Journal of Clinical Pathology, 2002, 55, 154-155.	1.0	39
56	Parvovirus B19 viraemia in Dutch blood donors. Epidemiology and Infection, 2004, 132, 1161-1166.	1.0	38
57	Does oral polio vaccine cause intussusception in infants? Evidence from a sequence of three self-controlled cases series studies in the United Kingdom. European Journal of Epidemiology, 2001, 17, 701-706.	2.5	37
58	The distribution of time to extinction in subcritical branching processes: applications to outbreaks of infectious disease. Journal of Applied Probability, 1999, 36, 771-779.	0.4	36
59	Estimation of infectious disease parameters from serological survey data: the impact of regular epidemics. Statistics in Medicine, 2004, 23, 2429-2443.	0.8	36
60	Matrix models for childhood infections: a Bayesian approach with applications to rubella and mumps. Epidemiology and Infection, 2005, 133, 1009.	1.0	36
61	Antipsychotic drugs and risks of myocardial infarction: a self-controlled case series study. European Heart Journal, 2015, 36, 984-992.	1.0	36
62	RATIONAL PROGRAMME FOR SCREENING TRAVELLERS FOR ANTIBODIES TO HEPATITIS A VIRUS. Lancet, The, 1988, 331, 1447-1449.	6.3	35
63	Hepatitis B vaccination and first central nervous system demyelinating events: Reanalysis of a caseâ€“control study using the self-controlled case series method. Vaccine, 2007, 25, 5938-5943.	1.7	35
64	A modified selfâ€controlled case series method for eventâ€dependent exposures and high eventâ€related mortality, with application to COVIDâ€19 vaccine safety. Statistics in Medicine, 2022, 41, 1735-1750.	0.8	35
65	Residuals for Proportional Hazards Models with Interval-Censored Survival Data. Biometrics, 2000, 56, 473-482.	0.8	34
66	Validation of the French national health insurance information system as a tool in vaccine safety assessment: Application to febrile convulsions after pediatric measles/mumps/rubella immunization. Vaccine, 2013, 31, 5856-5862.	1.7	33
67	INTERVAL CENSORED SURVIVAL DATA: A GENERALIZED LINEAR MODELLING APPROACH. , 1996, 15, 283-292.		32
68	Estimation of Waning Vaccine Efficacy. Journal of the American Statistical Association, 2002, 97, 389-397.	1.8	31
69	Contact Surface Models for Infectious Diseases. Journal of the American Statistical Association, 2005, 100, 370-379.	1.8	30
70	An evaluation of nine commercial EIA kits for the detection of measles specific IgG. Journal of Virological Methods, 1997, 66, 51-59.	1.0	29
71	A modified selfâ€controlled case series method to examine association between multidose vaccinations and death. Statistics in Medicine, 2011, 30, 666-677.	0.8	28
72	Quadrivalent human papillomavirus vaccination in girls and the risk of autoimmune disorders: the Ontario Grade 8 HPV Vaccine Cohort Study. Cmaj, 2018, 190, E648-E655.	0.9	28

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73	Automated Biosurveillance Data from England and Wales, 1991â€“2011. Emerging Infectious Diseases, 2013, 19, 35-42.	2.0	27
74	Self-Controlled Case Series and Misclassification Bias Induced by Case Selection From Administrative Hospital Databases: Application to Febrile Convulsions in Pediatric Vaccine Pharmacoepidemiology. American Journal of Epidemiology, 2013, 178, 1731-1739.	1.6	25
75	Subacute sclerosing panencephalitis in England and Wales: Transient effects and risk estimates. Statistics in Medicine, 1991, 10, 1733-1744.	0.8	21
76	Measles vaccination as a risk factor for inflammatory bowel disease. Lancet, The, 1995, 345, 1362-1364.	6.3	21
77	Pre-AIDS mortality in HIV-infected individuals in England, Wales and Northern Ireland, 1982â€“1996. Aids, 1998, 12, 651-658.	1.0	21
78	Infections with Varying Contact Rates: Application to Varicella. Biometrics, 2004, 60, 615-623.	0.8	20
79	Quantifying misclassification bias in cohort studies of vaccine efficacy. Statistics in Medicine, 1990, 9, 1327-1337.	0.8	18
80	Lack of association between intussusception and oral polio vaccine in Cuban children. European Journal of Epidemiology, 2001, 17, 783-787.	2.5	18
81	Modelling reporting delays for outbreak detection in infectious disease data. Journal of the Royal Statistical Society Series A: Statistics in Society, 2015, 178, 205-222.	0.6	16
82	Is it appropriate to use fixed assay cut-offs for estimating seroprevalence?. Epidemiology and Infection, 2016, 144, 887-895.	1.0	16
83	Outbreak Detection: Application to Infectious Disease Surveillance. , 2003, , 203-232.		16
84	Self-controlled case series analyses: Small-sample performance. Computational Statistics and Data Analysis, 2008, 52, 1942-1957.	0.7	14
85	Correlated Infections: Quantifying Individual Heterogeneity in the Spread of Infectious Diseases. American Journal of Epidemiology, 2013, 177, 474-486.	1.6	14
86	Estimating seroprevalence of vaccine-preventable infections: is it worth standardizing the serological outcomes to adjust for different assays and laboratories?. Epidemiology and Infection, 2015, 143, 2269-2278.	1.0	14
87	Avoiding bias in selfâ€controlled case series studies ofÂcoronavirus disease 2019. Statistics in Medicine, 2021, 40, 6197-6208.	0.8	14
88	Comparison of Statistical Algorithms for the Detection of Infectious Disease Outbreaks in Large Multiple Surveillance Systems. PLoS ONE, 2016, 11, e0160759.	1.1	14
89	Feasibility study for identifying adverse events attributable to vaccination by record linkage. Epidemiology and Infection, 1995, 114, 475-480.	1.0	13
90	Vaccine Trials. Molecular Biotechnology, 2001, 17, 43-58.	1.3	13

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91	Measures of Disassortativeness and their Application to Directly Transmitted Infections. Biometrical Journal, 2009, 51, 387-407.	0.6	13
92	Selfâ€controlled case series method with smooth age effect. Statistics in Medicine, 2014, 33, 639-649.	0.8	12
93	On Assessing Goodness of Fit of Generalized Linear Models to Sparse Data. Journal of the Royal Statistical Society Series B: Methodological, 1996, 58, 349-360.	0.8	9
94	Interval-censored survival data with informative examination times: parametric models and approximate inference. , 1999, 18, 1235-1248.		9
95	A new measure of time-varying association for shared frailty models with bivariate current status data. Biostatistics, 2012, 13, 665-679.	0.9	9
96	Self-controlled case series design in vaccine safety: a systematic review. Expert Review of Vaccines, 2022, 21, 313-324.	2.0	9
97	Lack of early antitoxin response to tetanus booster. Vaccine, 1992, 10, 334-336.	1.7	8
98	Risk of Injection-Site Abscess among Infants Receiving a Preservative-Free, Two-Dose Vial Formulation of Pneumococcal Conjugate Vaccine in Kenya. PLoS ONE, 2015, 10, e0141896.	1.1	8
99	Detection of Infectious Disease Outbreaks From Laboratory Data With Reporting Delays. Journal of the American Statistical Association, 2016, 111, 488-499.	1.8	8
100	Splineâ€based selfâ€controlled case series method. Statistics in Medicine, 2017, 36, 3022-3038.	0.8	8
101	Estimation of basic reproduction numbers: individual heterogeneity and robustness to perturbation of the contact function. Biostatistics, 2013, 14, 528-540.	0.9	7
102	Regression models for censored serological data. Journal of Medical Microbiology, 2013, 62, 93-100.	0.7	7
103	Flexible modelling of vaccine effect in selfâ€controlled case series models. Biometrical Journal, 2016, 58, 607-622.	0.6	7
104	Computer-aided detection of temporal clusters of organisms reported to the Communicable Disease Surveillance Centre. Communicable Disease Report CDR Review, 1993, 3, R78-82.	0.3	6
105	Autism and measles, mumps, and rubella vaccine. Lancet, The, 2000, 355, 409-410.	6.3	5
106	Inaccuracy of counts of organisms in water or other samples: effects of pre-dilution. Letters in Applied Microbiology, 1991, 13, 168-170.	1.0	4
107	The self-controlled case series method and covid-19. BMJ, The, 2022, 377, o625.	3.0	4
108	Letters to the Editor. International Journal of Epidemiology, 1993, 22, 566-566.	0.9	3

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109	Clinical Trials. , 1996, 4, 251-268.		3
110	Meningococcal Vaccine Trials. , 2001, 66, 371-393.		3
111	Interval estimation for Poisson capture-recapture models in epidemiology. Statistics in Medicine, 2002, 21, 3079-3092.	0.8	3
112	Teaching Confidence Intervals with Java Applets. Teaching Statistics, 2003, 25, 70-74.	0.6	3
113	RE: "RISK ANALYSIS OF ASEPTIC MENINGITIS AFTER MEASLES-MUMPS-RUBELLA VACCINATION IN KOREAN CHILDREN BY USING A CASE-CROSSOVER DESIGN". American Journal of Epidemiology, 2004, 159, 717-718.	1.6	3
114	Mortality and the selfâ€controlled case series method: Letter to the Editor. Pharmacoepidemiology and Drug Safety, 2012, 21, 906-906.	0.9	3
115	Taylor's Power Law and the Statistical Modelling of Infectious Disease Surveillance Data. Journal of the Royal Statistical Society Series A: Statistics in Society, 2017, 180, 45-72.	0.6	3
116	Optimal Screening Policies for Hepatitis A. Journal of the Operational Research Society, 1989, 40, 355-359.	2.1	2
117	RE: "THE EFFECT OF DISEASE PRIOR TO AN OUTBREAK ON ESTIMATES OF VACCINE EFFICACY FOLLOWING THE OUTBREAK". American Journal of Epidemiology, 1996, 143, 961-961.	1.6	2
118	MMR vaccination and autism. Lancet, The, 1999, 354, 950.	6.3	2
119	Response to the MMR question. Lancet, The, 2000, 356, 1273.	6.3	2
120	Clinical Trials. , 2003, 87, 335-352.		2
121	Informed choice, balance, and the MMRâ€“autism saga. Lancet Infectious Diseases, The, 2005, 5, 2-3.	4.6	2
122	Censoring on outcome is not valid in self-controlled case series studies. Journal of Clinical Epidemiology, 2013, 66, 1428-1429.	2.4	2
123	Self-controlled case series with multiple event types. Computational Statistics and Data Analysis, 2017, 113, 64-72.	0.7	2
124	Optimal Screening Policies for Hepatitis A. Journal of the Operational Research Society, 1989, 40, 355.	2.1	0
125	DVT and pulmonary embolism after acute infection â€“ Authors' reply. Lancet, The, 2006, 368, 201.	6.3	0
126	COVID-19 and myocardial infarction â€“ Authors' reply. Lancet, The, 2021, 398, 1964.	6.3	0