

Christopher J Weir

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5503728/publications.pdf>

Version: 2024-02-01

118
papers

5,984
citations

76326

40
h-index

76900

74
g-index

125
all docs

125
docs citations

125
times ranked

9167
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation and the information theory surrogate evaluation approach: A penalised likelihood solution. <i>Pharmaceutical Statistics</i> , 2022, 21, 55-68.	1.3	1
2	The need for reporting guidelines for early phase dose-finding trials: Dose-Finding CONSORT Extension. <i>Nature Medicine</i> , 2022, 28, 6-7.	30.7	15
3	Multiple secondary outcome analyses: precise interpretation is important. <i>Trials</i> , 2022, 23, 27.	1.6	13
4	Does a screening checklist for complex health and social care needs have potential clinical usefulness for predicting unplanned hospital readmissions in intensive care survivors: development and prospective cohort study. <i>BMJ Open</i> , 2022, 12, e056524.	1.9	2
5	Advance care planning in primary care for patients with gastrointestinal cancer: feasibility randomised trial. <i>British Journal of General Practice</i> , 2022, 72, e571-e580.	1.4	4
6	Density strips: visualisation of uncertainty in clinical data summaries and research findings. <i>BMJ Evidence-Based Medicine</i> , 2022, 27, 373-377.	3.5	0
7	Current recommendations/practices for anonymising data from clinical trials in order to make it available for sharing: A scoping review. <i>Clinical Trials</i> , 2022, 19, 452-463.	1.6	5
8	Motor Neuron Disease Systematic Multi-Arm Adaptive Randomised Trial (MND-SMART): a multi-arm, multi-stage, adaptive, platform, phase III randomised, double-blind, placebo-controlled trial of repurposed drugs in motor neuron disease. <i>BMJ Open</i> , 2022, 12, e064173.	1.9	10
9	Informed decision-making: Statistical methodology for surrogacy evaluation and its role in licensing and reimbursement assessments. <i>Pharmaceutical Statistics</i> , 2022, 21, 740-756.	1.3	7
10	A pragmatic, multi-centered, stepped wedge, cluster randomized controlled trial pilot of the clinical and cost effectiveness of a complex Stroke Oral healthCare intervention pLan Evaluation II (SOCLE II) compared with usual oral healthcare in stroke wards. <i>International Journal of Stroke</i> , 2020, 15, 318-323.	5.9	8
11	Non-adjustment for multiple testing in multi-arm trials of distinct treatments: Rationale and justification. <i>Clinical Trials</i> , 2020, 17, 562-566.	1.6	45
12	NAA is a Marker of Disability in Secondary-Progressive MS: A Proton MR Spectroscopic Imaging Study. <i>American Journal of Neuroradiology</i> , 2020, 41, 2209-2218.	2.4	10
13	Efficacy of three neuroprotective drugs in secondary progressive multiple sclerosis (MS-SMART): a phase 2b, multiarm, double-blind, randomised placebo-controlled trial. <i>Lancet Neurology</i> , The, 2020, 19, 214-225.	10.2	81
14	A smartphone-based test for the assessment of attention deficits in delirium: A case-control diagnostic test accuracy study in older hospitalised patients. <i>PLoS ONE</i> , 2020, 15, e0227471.	2.5	9
15	Evaluation of surrogacy in the multi-trial setting based on information theory: an extension to ordinal outcomes. <i>Journal of Biopharmaceutical Statistics</i> , 2020, 30, 364-376.	0.8	4
16	Evaluating improvement interventions using routine data to support a learning health system: research design, data access, analysis and reporting. <i>BMJ Quality and Safety</i> , 2020, 29, 696-700.	3.7	2
17	Amiloride, fluoxetine or riluzole to reduce brain volume loss in secondary progressive multiple sclerosis: the MS-SMART four-arm RCT. <i>Efficacy and Mechanism Evaluation</i> , 2020, 7, 1-72.	0.7	11
18	Delirium detection in older acute medical inpatients: a multicentre prospective comparative diagnostic test accuracy study of the 4AT and the confusion assessment method. <i>BMC Medicine</i> , 2019, 17, 138.	5.5	121

#	ARTICLE	IF	CITATIONS
19	How to design a dose-finding study using the continual reassessment method. <i>BMC Medical Research Methodology</i> , 2019, 19, 18.	3.1	56
20	The FLUOX-PMS trial: Underestimating the challenge in progressive multiple sclerosis trials. <i>Multiple Sclerosis Journal</i> , 2019, 25, 1697-1699.	3.0	2
21	Unreported Summary Statistics in Trial Publications and Risk of Bias in Stroke Rehabilitation Systematic Reviews: An International Survey of Review Authors and Examination of Practical Solutions. <i>Journal of Stroke Medicine</i> , 2019, 2, 136-142.	0.3	3
22	The 4 â€™s test for detecting delirium in acute medical patients: a diagnostic accuracy study. <i>Health Technology Assessment</i> , 2019, 23, 1-194.	2.8	82
23	Palliative care for people with advanced liver disease: A feasibility trial of a supportive care liver nurse specialist. <i>Palliative Medicine</i> , 2018, 32, 919-929.	3.1	37
24	Adaptive designs in clinical trials: why use them, and how to run and report them. <i>BMC Medicine</i> , 2018, 16, 29.	5.5	398
25	Brain natriuretic peptide and high-sensitivity Troponin at 3 hours post emergency department attendance with unexplained syncope predict 90 day outcome. <i>Emergency Care Journal</i> , 2018, 14, .	0.3	0
26	Protocol for validation of the 4AT, a rapid screening tool for delirium: a multicentre prospective diagnostic test accuracy study. <i>BMJ Open</i> , 2018, 8, e015572.	1.9	29
27	Early PRediction of sepsis using leukocyte surface biomarkers: the ExPRES-sepsis cohort study. <i>Intensive Care Medicine</i> , 2018, 44, 1836-1848.	8.2	59
28	Awareness of fetal movements and care package to reduce fetal mortality (AFFIRM): a stepped wedge, cluster-randomised trial. <i>Lancet, The</i> , 2018, 392, 1629-1638.	13.7	128
29	Diagnostic test accuracy of a novel smartphone application for the assessment of attention deficits in delirium in older hospitalised patients: a prospective cohort study protocol. <i>BMC Geriatrics</i> , 2018, 18, 217.	2.7	11
30	The acute medical unit model: A characterisation based upon the National Health Service in Scotland. <i>PLoS ONE</i> , 2018, 13, e0204010.	2.5	6
31	A practical guide to pre-trial simulations for Bayesian adaptive trials using SAS and BUGS. <i>Pharmaceutical Statistics</i> , 2018, 17, 854-865.	1.3	4
32	Multiple Sclerosis-Secondary Progressive Multi-Arm Randomisation Trial (MS-SMART): a multiarm phase IIb randomised, double-blind, placebo-controlled clinical trial comparing the efficacy of three neuroprotective drugs in secondary progressive multiple sclerosis. <i>BMJ Open</i> , 2018, 8, e021944.	1.9	43
33	Characterisation of tissue-type metabolic content in secondary progressive multiple sclerosis: a magnetic resonance spectroscopic imaging study. <i>Journal of Neurology</i> , 2018, 265, 1795-1802.	3.6	7
34	Dealing with missing standard deviation and mean values in meta-analysis of continuous outcomes: a systematic review. <i>BMC Medical Research Methodology</i> , 2018, 18, 25.	3.1	226
35	Cell-surface signatures of immune dysfunction risk-stratify critically ill patients: INFECT study. <i>Intensive Care Medicine</i> , 2018, 44, 627-635.	8.2	97
36	Functional strength training versus movement performance therapy for upper limb motor recovery early after stroke: a RCT. <i>Efficacy and Mechanism Evaluation</i> , 2018, 5, 1-112.	0.7	12

#	ARTICLE	IF	CITATIONS
37	Development of a Bayesian response-adaptive trial design for the Dexamethasone for Excessive Menstruation study. <i>Statistical Methods in Medical Research</i> , 2017, 26, 2681-2699.	1.5	3
38	Comparison of non-traditional biomarkers, and combinations of biomarkers, for vascular risk prediction in people with type 2 diabetes: The Edinburgh Type 2 Diabetes Study. <i>Atherosclerosis</i> , 2017, 264, 67-73.	0.8	16
39	Models for estimating and projecting global, regional and national prevalence and disease burden of asthma: protocol for a systematic review. <i>BMJ Open</i> , 2017, 7, e015441.	1.9	5
40	Promoting Recruitment using Information Management Efficiently (PRIME): study protocol for a stepped-wedge cluster randomised controlled trial within the REstart or STop Antithrombotics Randomised Trial (RESTART). <i>Trials</i> , 2017, 18, 22.	1.6	9
41	Embracing model-based designs for dose-finding trials. <i>British Journal of Cancer</i> , 2017, 117, 332-339.	6.4	47
42	Promoting Recruitment using Information Management Efficiently (PRIME): a stepped-wedge, cluster randomised trial of a complex recruitment intervention embedded within the REstart or Stop Antithrombotics Randomised Trial. <i>Trials</i> , 2017, 18, 623.	1.6	5
43	Home monitoring of breathing rate in people with chronic obstructive pulmonary disease: observational study of feasibility, acceptability, and change after exacerbation. <i>International Journal of COPD</i> , 2017, Volume 12, 1221-1231.	2.3	44
44	Rationale, design and methodology of a trial evaluating three strategies designed to improve sedation quality in intensive care units (DESIST study). <i>BMJ Open</i> , 2016, 6, e010148.	1.9	8
45	Phase 2 Randomised Controlled Trial and Feasibility Study of Future Care Planning in Patients with Advanced Heart Disease. <i>Scientific Reports</i> , 2016, 6, 24619.	3.3	24
46	Predictive value of cell-surface markers in infections in critically ill patients: protocol for an observational study (ImmuNe FailurE in Critical Therapy (INFECT) Study). <i>BMJ Open</i> , 2016, 6, e011326.	1.9	8
47	Staff education, regular sedation and analgesia quality feedback, and a sedation monitoring technology for improving sedation and analgesia quality for critically ill, mechanically ventilated patients: a cluster randomised trial. <i>Lancet Respiratory Medicine</i> , 2016, 4, 807-817.	10.7	38
48	The effectiveness and variation of acute medical units: a systematic review. <i>International Journal for Quality in Health Care</i> , 2016, 28, 433-446.	1.8	27
49	Socioeconomic status, comorbidity and mortality in patients with type 2 diabetes mellitus in Scotland 2004-2011: a cohort study. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 596-601.	3.7	22
50	Statistical approaches for evaluating surrogate outcomes in clinical trials: A systematic review. <i>Journal of Biopharmaceutical Statistics</i> , 2016, 26, 859-879.	0.8	14
51	Application of Mixed Effects Limits of Agreement in the Presence of Multiple Sources of Variability: Exemplar from the Comparison of Several Devices to Measure Respiratory Rate in COPD Patients. <i>PLoS ONE</i> , 2016, 11, e0168321.	2.5	53
52	Clinical and Cost Effectiveness of Enhanced Oral Healthcare in Stroke Care Settings (SOCLE II): A Pilot, Stepped Wedge, Cluster Randomized, Controlled Trial Protocol. <i>International Journal of Stroke</i> , 2015, 10, 979-984.	5.9	11
53	Prescription of emergency antiepileptic medication after a first childhood seizure: analysis of routine administrative data. <i>Epileptic Disorders</i> , 2015, 17, 172-176.	1.3	2
54	Adaptive clinical trials and their potential to improve drug-development efficiency. <i>Clinical Investigation</i> , 2015, 5, 359-361.	0.0	1

#	ARTICLE	IF	CITATIONS
55	Characterization of Inhibitors and Monoclonal Antibodies That Modulate the Interaction between Plasmodium falciparum Adhesin PfRh4 with Its Erythrocyte Receptor Complement Receptor 1. <i>Journal of Biological Chemistry</i> , 2015, 290, 25307-25321.	3.4	12
56	Future Care Planning for patients approaching end-of-life with advanced heart disease: an interview study with patients, carers and healthcare professionals exploring the content, rationale and design of a randomised clinical trial. <i>BMJ Open</i> , 2014, 4, e005021-e005021.	1.9	13
57	N-terminal pro-brain natriuretic peptide and risk of cardiovascular events in older patients with type 2 diabetes: the Edinburgh Type 2 Diabetes Study. <i>Diabetologia</i> , 2014, 57, 2505-2512.	6.3	16
58	FAST INdiCATE Trial Protocol. Clinical Efficacy of Functional Strength Training for Upper Limb Motor Recovery Early after Stroke: Neural Correlates and Prognostic Indicators. <i>International Journal of Stroke</i> , 2014, 9, 240-245.	5.9	5
59	RApid Primary care Initiation of Drug treatment for Transient Ischaemic Attack (RAPID ⁺ TIA): study protocol for a pilot randomised controlled trial. <i>Trials</i> , 2013, 14, 194.	1.6	6
60	Principles of dose finding studies in cancer: a comparison of trial designs. <i>Cancer Chemotherapy and Pharmacology</i> , 2013, 71, 1107-1114.	2.3	48
61	Randomised controlled trial of azithromycin in smokers with asthma: Table 1 ^{â€} . <i>European Respiratory Journal</i> , 2013, 42, 1412-1415.	6.7	49
62	The Glasgow Outcome at Discharge Scale: An Inpatient Assessment of Disability after Brain Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 970-974.	3.4	24
63	Improving the Efficiency of Stroke Trials. <i>Stroke</i> , 2013, 44, 3422-3428.	2.0	22
64	Clinical relevance and practical implications of trials of perfusion and angiographic imaging in patients with acute ischaemic stroke: a multicentre cohort imaging study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 1001-1007.	1.9	15
65	The Modified Graeb Score. <i>Stroke</i> , 2013, 44, 635-641.	2.0	119
66	Smoking in Asthma Is Associated with Elevated Levels of Corticosteroid Resistant Sputum Cytokines ^{â€} An Exploratory Study. <i>PLoS ONE</i> , 2013, 8, e71460.	2.5	27
67	Clinical validity of plasma and urinary desmosine as biomarkers for chronic obstructive pulmonary disease. <i>Thorax</i> , 2012, 67, 502-508.	5.6	68
68	Noninvasive MRI Measurement of CBF: Evaluating An Arterial Spin Labelling Sequence with 99mTc-HMPAO CBF Autoradiography in a Rat Stroke Model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 973-977.	4.3	19
69	Sensitive troponin assay predicts outcome in syncope. <i>Emergency Medicine Journal</i> , 2012, 29, 1001-1003.	1.0	29
70	Urinary catheterization in acute stroke: clinical realities. A mixed methods study. <i>Clinical Rehabilitation</i> , 2012, 26, 470-479.	2.2	16
71	Nonpharmacological Interventions for Caregivers of Stroke Survivors. <i>Stroke</i> , 2012, 43, .	2.0	9
72	Predictors of upper limb recovery after stroke: a systematic review and meta-analysis. <i>Clinical Rehabilitation</i> , 2012, 26, 291-313.	2.2	303

#	ARTICLE	IF	CITATIONS
73	Sputum matrix metalloproteinase-12 in patients with chronic obstructive pulmonary disease and asthma: Relationship to disease severity. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 655-663.e8.	2.9	90
74	Bronchial nitric oxide flux (J_{NO}) is sensitive to oral corticosteroids in smokers with asthma. <i>Respiratory Medicine</i> , 2011, 105, 1823-1830.	2.9	12
75	Population-based trends in pregnancy hypertension and pre-eclampsia: an international comparative study. <i>BMJ Open</i> , 2011, 1, e000101-e000101.	1.9	218
76	Fraud in Clinical Trials. <i>Significance</i> , 2011, 8, 164-168.	0.4	14
77	Effects of short-term treatment with atorvastatin in smokers with asthma - a randomized controlled trial. <i>BMC Pulmonary Medicine</i> , 2011, 11, 16.	2.0	56
78	Timing of Birth and Risk of Multiple Sclerosis in the Scottish Population. <i>European Neurology</i> , 2010, 63, 36-40.	1.4	55
79	Baseline Serum Urate and 90-Day Functional Outcomes following Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2009, 28, 202-203.	1.7	30
80	Allopurinol and Nitric Oxide Activity in the Cerebral Circulation of Those With Diabetes. <i>Diabetes Care</i> , 2009, 32, 135-137.	8.6	31
81	Results of the MRI Substudy of the Intravenous Magnesium Efficacy in Stroke Trial. <i>Stroke</i> , 2009, 40, 1704-1709.	2.0	15
82	Categorizing Stroke Prognosis Using Different Stroke Scales. <i>Stroke</i> , 2009, 40, 3396-3399.	2.0	118
83	Randomised controlled trial of combined spinal epidural vs. spinal anaesthesia for elective caesarean section: vasopressor requirements and cardiovascular changes. <i>European Journal of Anaesthesiology</i> , 2009, 26, 47-51.	1.7	4
84	Stroke education for healthcare professionals: Making it fit for purpose. <i>Nurse Education Today</i> , 2008, 28, 337-347.	3.3	17
85	The evidence-base for stroke education in care homes. <i>Nurse Education Today</i> , 2008, 28, 829-840.	3.3	12
86	Severity of drug dependence does not predict changes in drug users'™ behaviour over time. <i>Critical Public Health</i> , 2008, 18, 381-389.	2.4	2
87	Effects of Magnesium Treatment in a Model of Internal Capsule Lesion in Spontaneously Hypertensive Rats. <i>Stroke</i> , 2008, 39, 448-454.	2.0	45
88	Allopurinol Use Yields Potentially Beneficial Effects on Inflammatory Indices in Those With Recent Ischemic Stroke. <i>Stroke</i> , 2008, 39, 3303-3307.	2.0	75
89	Organized Inpatient (Stroke Unit) Care for Stroke. <i>Stroke</i> , 2008, 39, 2402-2403.	2.0	57
90	Magnesium for Treatment of Acute Lacunar Stroke Syndromes. <i>Stroke</i> , 2007, 38, 1269-1273.	2.0	43

#	ARTICLE	IF	CITATIONS
91	The Virtual International Stroke Trials Archive. <i>Stroke</i> , 2007, 38, 1905-1910.	2.0	101
92	Does the Prevention of Complications Explain the Survival Benefit of Organized Inpatient (Stroke) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	144
93	Flexible Design and Efficient Implementation of Adaptive Dose-Finding Studies. <i>Journal of Biopharmaceutical Statistics</i> , 2007, 17, 1033-1050.	0.8	17
94	Statistical evaluation of biomarkers as surrogate endpoints: a literature review. <i>Statistics in Medicine</i> , 2006, 25, 183-203.	1.6	150
95	Problem drug users and assault: Response to Galvani. <i>International Journal of Drug Policy</i> , 2006, 17, 250-251.	3.3	1
96	Extended donor criteria in lung transplantation: Impact on organ allocation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 131, 1154-1160.	0.8	119
97	Elevated serum urate concentration independently predicts poor outcome following stroke in patients with diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2006, 22, 79-82.	4.0	54
98	Effect of Smoking Status on Outcome after Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2006, 21, 260-265.	1.7	39
99	Improving Trial Power Through Use of Prognosis-Adjusted End Points. <i>Stroke</i> , 2005, 36, 597-601.	2.0	36
100	Problem drug users and assault. <i>International Journal of Drug Policy</i> , 2005, 16, 393-402.	3.3	24
101	Comparison of the National Institutes of Health Stroke Scale With Disability Outcome Measures in Acute Stroke Trials. <i>Stroke</i> , 2005, 36, 2187-2192.	2.0	117
102	Design and Analysis of Phase III Trials with Ordered Outcome Scales: The Concept of the Sliding Dichotomy. <i>Journal of Neurotrauma</i> , 2005, 22, 511-517.	3.4	140
103	Elevated Pulse Pressure During the Acute Period of Ischemic Stroke Is Associated With Poor Stroke Outcome. <i>Stroke</i> , 2004, 35, e153-5.	2.0	42
104	Poststroke Neurological Improvement Within 7 Days Is Associated With Subsequent Deterioration. <i>Stroke</i> , 2004, 35, 2165-2170.	2.0	21
105	Targeting Neuroprotection Clinical Trials to Ischemic Stroke Patients With Potential to Benefit From Therapy. <i>Stroke</i> , 2004, 35, 2111-2116.	2.0	29
106	Effects of intrathecal administration of a cell permeant caspase inhibitor, boc-d-fluoromethylketone (BDFMK), on behavioral deficits following spinal cord ischemia: a doseâ€“response analysis. <i>Brain Research</i> , 2003, 959, 183-190.	2.2	11
107	The role of methadone in drug-related deaths in the west of Scotland. <i>Addiction</i> , 2003, 98, 995-1002.	3.3	68
108	Comparison of stratification and adaptive methods for treatment allocation in an acute stroke clinical trial. <i>Statistics in Medicine</i> , 2003, 22, 705-726.	1.6	82

#	ARTICLE	IF	CITATIONS
109	Serum Urate as an Independent Predictor of Poor Outcome and Future Vascular Events After Acute Stroke. <i>Stroke</i> , 2003, 34, 1951-1956.	2.0	287
110	Strengthening Acute Stroke Trials Through Optimal Use of Disability End Points. <i>Stroke</i> , 2003, 34, 2676-2680.	2.0	49
111	Effect of Area-Based Deprivation on the Severity, Subtype, and Outcome of Ischemic Stroke. <i>Stroke</i> , 2003, 34, 2623-2628.	2.0	71
112	Effect of Blood Pressure During the Acute Period of Ischemic Stroke on Stroke Outcome. <i>Stroke</i> , 2003, 34, 2420-2425.	2.0	143
113	Low Triglyceride, Not Low Cholesterol Concentration, Independently Predicts Poor Outcome following Acute Stroke. <i>Cerebrovascular Diseases</i> , 2003, 16, 76-82.	1.7	72
114	Inter-relationships between spinal cord blood flow, neuronal death and neurological function in rabbit spinal cord ischemia. <i>Brain Research</i> , 2002, 946, 43-51.	2.2	19
115	Prognostic value of single-photon emission tomography in acute ischaemic stroke. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 21-26.	2.1	21
116	Is hyperglycaemia an independent predictor of poor outcome after acute stroke? Results of a long term follow up study. <i>BMJ: British Medical Journal</i> , 1997, 314, 1303-1303.	2.3	438
117	Influence of cholesterol on survival after stroke: retrospective study. <i>BMJ: British Medical Journal</i> , 1997, 314, 1584-1584.	2.3	95
118	Comparison of mean cerebral transit time and single-photon emission tomography for estimation of stroke outcome. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1995, 22, 1261-1267.	2.1	9