Sian Taylor-Phillips

List of Publications by Year
in descending order

89 papers	3,827 citations	279487 23 h-index	143772 57 g-index
91 all docs	91 docs citations	91 times ranked	7061 citing authors

#	Article	IF	Citations
1	Rapid, point-of-care antigen and molecular-based tests for diagnosis of SARS-CoV-2 infection. The Cochrane Library, 2020, 8, CD013705.	1.5	770
2	Antibody tests for identification of current and past infection with SARS-CoV-2. The Cochrane Library, 2020, 2020, CD013652.	1.5	664
3	Rapid, point-of-care antigen tests for diagnosis of SARS-CoV-2 infection. The Cochrane Library, 2022, 2022, CD013705.	1.5	482
4	Accuracy of non-invasive prenatal testing using cell-free DNA for detection of Down, Edwards and Patau syndromes: a systematic review and meta-analysis. BMJ Open, 2016, 6, e010002.	0.8	291
5	COVID-19 in cardiac arrest and infection risk to rescuers: A systematic review. Resuscitation, 2020, 151, 59-66.	1.3	151
6	Use of artificial intelligence for image analysis in breast cancer screening programmes: systematic review of test accuracy. BMJ, The, 2021, 374, n1872.	3.0	131
7	Multiplex tests to identify gastrointestinal bacteria, viruses and parasites in people with suspected infectious gastroenteritis: a systematic review and economic analysis. Health Technology Assessment, 2017, 21, 1-188.	1.3	72
8	2021 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Resuscitation, 2021, 169, 229-311.	1.3	71
9	Extending the diabetic retinopathy screening interval beyond 1â€¦year: systematic review. British Journal of Ophthalmology, 2016, 100, 105-114.	2.1	62
10	Adverse events in women and children who have received intrapartum antibiotic prophylaxis treatment: a systematic review. BMC Pregnancy and Childbirth, 2017, 17, 247.	0.9	55
11	Fatigue in radiology: a fertile area for future research. British Journal of Radiology, 2019, 92, 20190043.	1.0	46
12	Screening for Prediabetes and Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2021, 326, 744.	3.8	40
13	The incidence and prevalence of inflammatory bowel disease in UK primary care: a retrospective cohort study of the IQVIA Medical Research Database. BMC Gastroenterology, 2021, 21, 139.	0.8	36
14	Comparison of a full systematic review versus rapid review approaches to assess a newborn screening test for tyrosinemia type 1. Research Synthesis Methods, 2017, 8, 475-484.	4.2	35
15	Risk-adjusted colorectal cancer screening using the FIT and routine screening data: development of a risk prediction model. British Journal of Cancer, 2018, 118, 285-293.	2.9	34
16	Mind the gap. Journal of Health Organization and Management, 2011, 25, 298-314.	0.6	32
17	Faecal calprotectin to detect inflammatory bowel disease: a systematic review and exploratory meta-analysis of test accuracy. BMJ Open, 2019, 9, e027428.	0.8	30
18	Agreement between gastrointestinal panel testing and standard microbiology methods for detecting pathogens in suspected infectious gastroenteritis: Test evaluation and meta-analysis in the absence of a reference standard. PLoS ONE, 2017, 12, e0173196.	1.1	30

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19	Accurate diagnosis of latent tuberculosis in children, people who are immunocompromised or at risk from immunosuppression and recent arrivals from countries with a high incidence of tuberculosis: systematic review and economic evaluation. Health Technology Assessment, 2016, 20, 1-678.	1.3	30
20	Fluorouracil plasma monitoring: systematic review and economic evaluation of the My5-FU assay for guiding dose adjustment in patients receiving fluorouracil chemotherapy by continuous infusion. Health Technology Assessment, 2015, 19, 1-322.	1.3	29
21	Evidence-based commissioning in the English NHS: who uses which sources of evidence? A survey 2010/2011. BMJ Open, 2013, 3, e002714.	0.8	28
22	Newborn screening for Tyrosinemia type 1 using succinylacetone â€" a systematic review of test accuracy. Orphanet Journal of Rare Diseases, 2017, 12, 48.	1.2	27
23	Clinical effectiveness and cost-effectiveness of use of therapeutic monitoring of tumour necrosis factor alpha (TNF-Î±) inhibitors [LISA-TRACKERÂ® enzyme-linked immunosorbent assay (ELISA) kits, TNF-Î±-Blocker ELISA kits and PromonitorÂ® ELISA kits] versus standard care in patients with Crohnâ€™s disease: systematic reviews and economic modelling. Health Technology Assessment, 2016, 20, 1-288.	1.3	27
24	Double Reading in Breast Cancer Screening: Cohort Evaluation in the CO-OPS Trial. Radiology, 2018, 287, 749-757.	3.6	26
25	Double reading in breast cancer screening: considerations for policy-making. British Journal of Radiology, 2020, 93, 20190610.	1.0	26
26	Effect of Using the Same vs Different Order for Second Readings of Screening Mammograms on Rates of Breast Cancer Detection. JAMA - Journal of the American Medical Association, 2016, 315, 1956.	3.8	25
27	Incidence of sudden cardiac death in the young: a systematic review. BMJ Open, 2020, 10, e040815.	0.8	23
28	Factors associated with attendance at screening for breast cancer: a systematic review and meta-analysis. BMJ Open, 2021, 11, e046660.	0.8	22
29	Retrospective Review of the Drop in Observer Detection Performance Over Time in Lesion-enriched Experimental Studies. Journal of Digital Imaging, 2015, 28, 32-40.	1.6	21
30	UK National Screening Committee's approach to reviewing evidence on artificial intelligence in breast cancer screening. The Lancet Digital Health, 2022, 4, e558-e565.	5.9	21
31	Whereâ€™s WALY? : A proof of concept study of the â€˜wellbeing adjusted life yearâ€™ using secondary analysis of cross-sectional survey data. Health and Quality of Life Outcomes, 2016, 14, 126.	1.0	20
32	Research waste in diagnostic trials: a methods review evaluating the reporting of test-treatment interventions. BMC Medical Research Methodology, 2017, 17, 32.	1.4	20
33	Communication of cancer screening results by letter, telephone or in person: A mixed methods systematic review of the effect on attendee anxiety, understanding and preferences. Preventive Medicine Reports, 2019, 13, 189-195.	0.8	20
34	Universal antenatal screening for group B streptococcus may cause more harm than good. BMJ: British Medical Journal, 2019, 364, l463.	2.4	20
35	Evaluation of earlier versus later dietary management in long-chain 3-hydroxyacyl-CoA dehydrogenase or mitochondrial trifunctional protein deficiency: a systematic review. Orphanet Journal of Rare Diseases, 2019, 14, 258.	1.2	20
36	Enhanced pre-operative axillary staging using intradermal microbubbles and contrast-enhanced ultrasound to detect and biopsy sentinel lymph nodes in breast cancer: a potential replacement for axillary surgery. British Journal of Radiology, 2018, 91, 20170626.	1.0	19

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37	Evaluation of pre-symptomatic nitisinone treatment on long-term outcomes in Tyrosinemia type 1 patients: a systematic review. Orphanet Journal of Rare Diseases, 2017, 12, 154.	1.2	18
38	Association between vitamin D supplementation or serum vitamin D level and susceptibility to SARS-CoV-2 infection or COVID-19 including clinical course, morbidity and mortality outcomes? A systematic review. BMJ Open, 2021, 11, e043737.	0.8	18
39	Half a Century of Wilson & Jungner: Reflections on the Governance of Population Screening. Wellcome Open Research, 2020, 5, 158.	0.9	18
40	Accuracy of four lateral flow immunoassays for anti SARS-CoV-2 antibodies: a head-to-head comparative study. EBioMedicine, 2021, 68, 103414.	2.7	17
41	Testing for lynch syndrome in people with endometrial cancer using immunohistochemistry and microsatellite instability-based testing strategies â€“ A systematic review of test accuracy. Gynecologic Oncology, 2021, 160, 148-160.	0.6	15
42	Low prevalence search for cancers in mammograms: Evidence using laboratory experiments and computer aided detection.. Journal of Experimental Psychology: Applied, 2017, 23, 369-385.	0.9	14
43	Rapid antigen detection and molecular tests for group A streptococcal infections for acute sore throat: systematic reviews and economic evaluation. Health Technology Assessment, 2020, 24, 1-232.	1.3	14
44	Test accuracy of drug and antibody assays for predicting response to antitumour necrosis factor treatment in Crohnâ€™s disease: a systematic review and meta-analysis. BMJ Open, 2017, 7, e014581.	0.8	13
45	Association between use of systematic reviews and national policy recommendations on screening newborn babies for rare diseases: systematic review and meta-analysis. BMJ: British Medical Journal, 2018, 361, k1612.	2.4	13
46	Use of prior mammograms in the transition to digital mammography: A performance and cost analysis. European Journal of Radiology, 2012, 81, 60-65.	1.2	12
47	Predictors of differences in health services utilization for children in Nigerian communities. Preventive Medicine, 2017, 96, 67-72.	1.6	12
48	The use of electronic healthcare records for colorectal cancer screening referral decisions and risk prediction model development. BMC Gastroenterology, 2020, 20, 78.	0.8	12
49	Should previous mammograms be digitised in the transition to digital mammography?. European Radiology, 2009, 19, 1890-1896.	2.3	11
50	Does preoperative axillary staging lead to overtreatment of women with screen-detected breast cancer?. Clinical Radiology, 2018, 73, 467-472.	0.5	11
51	Bacterial Load and Molecular Markers Associated With Early-onset Group B Streptococcus. Pediatric Infectious Disease Journal, 2018, 37, e306-e314.	1.1	11
52	<scp>FIT</scp> for the future: a case for riskâ€based colorectal cancer screening using the faecal immunochemical test. Colorectal Disease, 2016, 18, 650-653.	0.7	10
53	Is monitoring of plasma 5-fluorouracil levels in metastatic / advanced colorectal cancer clinically effective? A systematic review. BMC Cancer, 2016, 16, 523.	1.1	10
54	The effects of a UK review of Breast Cancer Screening on Uptake: An observational before/after study. Journal of Medical Screening, 2013, 20, 86-90.	1.1	9

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55	Can mammogram readers swiftly and effectively learn to interpret first post-contrast acquisition subtracted (FAST) MRI, a type of abbreviated breast MRI?: a single centre data-interpretation study. British Journal of Radiology, 2019, 92, 20190663.	1.0	9
56	Test accuracy of faecal calprotectin for inflammatory bowel disease in UK primary care: a retrospective cohort study of the THIN data. BMJ Open, 2021, 11, e044177.	0.8	9
57	Newborn Screening for Long-Chain 3-Hydroxyacyl-CoA Dehydrogenase and Mitochondrial Trifunctional Protein Deficiencies Using Acylcarnitines Measurement in Dried Blood Spotsâ€"A Systematic Review of Test Accuracy. Frontiers in Pediatrics, 2021, 9, 606194.	0.9	9
58	Elective surgical referral guidelines - background educational material or essential shared decision making tool? A survey of GPs' in England. BMC Family Practice, 2011, 12, 92.	2.9	8
59	Changing case Order to Optimise patterns of Performance in mammography Screening (CO-OPS): study protocol for a randomized controlled trial. Trials, 2014, 15, 17.	0.7	7
60	Antenatal screening for fetal trisomies using microarrayâ€based cellâ€free DNA testing: A systematic review and metaâ€analysis. Prenatal Diagnosis, 2020, 40, 454-462.	1.1	7
61	Determining optimal strategies for primary prevention of cardiovascular disease: systematic review, cost-effectiveness review and network meta-analysis protocol. Systematic Reviews, 2020, 9, 105.	2.5	7
62	Health screening needs independent regular re-evaluation. BMJ, The, 2021, 374, n2049.	3.0	7
63	The effect of digitising film prior mammograms on radiologists' performance in breast screening: a JAFROC study. , 2009, , .		6
64	The time course of cancer detection performance. , 2011, , .		6
65	Coproduction in commissioning decisions: is there an association with decision satisfaction for commissioners working in the NHS? A cross-sectional survey 2010/2011. BMJ Open, 2014, 4, e004810-e004810.	0.8	6
66	Information given by websites selling home self-sampling COVID-19 tests: an analysis of accuracy and completeness. BMJ Open, 2020, 10, e042453.	0.8	6
67	Asymptomatic rapid testing for SARS-CoV-2. BMJ, The, 2021, 374, n1733.	3.0	6
68	Half a Century of Wilson & Jungner: Reflections on the Governance of Population Screening. Wellcome Open Research, 2020, 5, 158.	0.9	6
69	Optimum screening mammography reading volumes: evidence from the NHS Breast Screening Programme. European Radiology, 2021, 31, 6909-6915.	2.3	4
70	Breast screening atypia and subsequent development of cancer: protocol for an observational analysis of the Sloane database in England (Sloane atypia cohort study). BMJ Open, 2022, 12, e058050.	0.8	4
71	The variation of radiologists' performance over the course of a reading session. , 2013, , .		3
72	Enhanced axillary assessment using intradermally injected microbubbles and contrast-enhanced ultrasound (CEUS) before neoadjuvant systemic therapy (NACT) identifies axillary disease missed by conventional B-mode ultrasound that may be clinically relevant. Breast Cancer Research and Treatment, 2021, 185, 413-422.	1.1	3

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73	Double reading reduces miss errors in low prevalence search.. Journal of Experimental Psychology: Applied, 2021, 27, 84-101.	0.9	3
74	Testing strategies for Lynch syndrome in people with endometrial cancer: systematic reviews and economic evaluation. Health Technology Assessment, 2021, 25, 1-216.	1.3	3
75	Communicating biopsy results from breast screening assessment: current practice in English breast screening centres and staff perspectives of telephoning results. BMJ Open, 2019, 9, e028683.	0.8	2
76	Optimising breast cancer screening reading: blinding the second reader to the first reader's decisions. European Radiology, 2022, 32, 602-612.	2.3	2
77	Methods for evaluating the benefits and harms of antenatal and newborn screening programmes adopted by health economic assessments: protocol for a systematic review. BMJ Open, 2021, 11, e048031.	0.8	2
78	Does time of day influence cancer detection and recall rates in mammography?. Proceedings of SPIE, 2017, , .	0.8	2
79	Faecal calprotectin testing in UK general practice: a retrospective cohort study using The Health Improvement Network database. British Journal of General Practice, 2021, 71, e854-e861.	0.7	2
80	REducing Colonoscopies in patients without significant bowEl DiseasE: the RECEDE Study - protocol for a prospective diagnostic accuracy study. BMJ Open, 2022, 12, e058559.	0.8	2
81	Considerations of Prevalence and Reporting Environment for Achieving Realistic Test Conditions. Radiology, 2011, 258, 959-960.	3.6	1
82	Ergonomics 2.0: Fatigue in Medical Imaging. , 2018, , 483-494.		1
83	The relationship between socio-economic status and cancer detection at screening. Proceedings of SPIE, 2015, , .	0.8	0
84	Real-time polymerase chain reaction tests versus antenatal culture tests for the screening of maternal group B Streptococcus colonisation in labour. The Cochrane Library, 0, , .	1.5	0
85	Communicating benign biopsy results by telephone in the NHS Breast Screening Programme: a protocol for a cluster randomised crossover trial. BMJ Open, 2019, 9, e028679.	0.8	0
86	Fatigue in radiology: a fertile area for future research. Digital Diagnostics, 2021, 2, 211-222.	0.3	0
87	Teste de triagem neonatal: expandir ou não expandir?. Revista Brasileira De Enfermagem, 2015, 68, 771-772.	0.2	0
88	Changing behavior and accuracy with time on task in mammography screening. Proceedings of SPIE, 2017, , .	0.8	0
89	Comparing outcomes from tailored meta-analysis with outcomes from a setting specific test accuracy study using routine data of faecal calprotectin testing for inflammatory bowel disease. BMC Medical Research Methodology, 2022, 22, .	1.4	0