

# Matthew J Thompson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4469534/publications.pdf>

Version: 2024-02-01

114  
papers

3,258  
citations

147566

31  
h-index

174990

52  
g-index

131  
all docs

131  
docs citations

131  
times ranked

4281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Educational Effects of International Health Electives on U.S. and Canadian Medical Students and Residents. <i>Academic Medicine</i> , 2003, 78, 342-347.	0.8	333
2	The global burden of diagnostic errors in primary care. <i>BMJ Quality and Safety</i> , 2017, 26, 484-494.	1.8	225
3	Duration of symptoms of respiratory tract infections in children: systematic review. <i>BMJ</i> , 2013, 347, f7027-f7027.	3.0	219
4	Characterizing the General Surgery Workforce in Rural America. <i>Archives of Surgery (Chicago, Ill:)</i> 2013, 138, 115-122.	1.5	132
5	Current and future use of point-of-care tests in primary care: an international survey in Australia, Belgium, The Netherlands, the UK and the USA. <i>BMJ Open</i> , 2014, 4, e005611-e005611.	0.8	131
6	Screening for Hypertension in Children and Adolescents to Prevent Cardiovascular Disease. <i>Pediatrics</i> , 2013, 131, 490-525.	1.0	104
7	Primary care clinicians' attitudes towards point-of-care blood testing: a systematic review of qualitative studies. <i>BMC Family Practice</i> , 2013, 14, 117.	2.9	92
8	Clinical presentation of childhood leukaemia: a systematic review and meta-analysis. <i>Archives of Disease in Childhood</i> , 2016, 101, 894-901.	1.0	91
9	The effect of wind turbine noise on sleep and quality of life: A systematic review and meta-analysis of observational studies. <i>Environment International</i> , 2015, 82, 1-9.	4.8	80
10	Neuraminidase inhibitors for influenza: a systematic review and meta-analysis of regulatory and mortality data. <i>Health Technology Assessment</i> , 2016, 20, 1-242.	1.3	79
11	The Diagnostic Value of Capillary Refill Time for Detecting Serious Illness in Children: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0138155.	1.1	74
12	Hepatitis B knowledge and practices among Chinese American women in Seattle, Washington. <i>Journal of Cancer Education</i> , 2002, 17, 222-6.	0.6	66
13	Development and internal validation of a clinical rule to improve antibiotic use in children presenting to primary care with acute respiratory tract infection and cough: a prognostic cohort study. <i>Lancet Respiratory Medicine</i> , 2016, 4, 902-910.	5.2	61
14	Hepatitis B Knowledge and Practices Among Chinese Canadian Women in Vancouver, British Columbia. <i>Canadian Journal of Public Health</i> , 2003, 94, 281-286.	1.1	54
15	Self-Screening and Non-Physician Screening for Hypertension in Communities: A Systematic Review. <i>American Journal of Hypertension</i> , 2015, 28, 1316-1324.	1.0	52
16	Validity and reliability of measurement of capillary refill time in children: a systematic review. <i>Archives of Disease in Childhood</i> , 2015, 100, 239-249.	1.0	47
17	Short-course versus long-course oral antibiotic treatment for infections treated in outpatient settings: a review of systematic reviews. <i>Family Practice</i> , 2017, 34, 511-519.	0.8	46
18	Pathways to Care for Critically Ill or Injured Children: A Cohort Study from First Presentation to Healthcare Services through to Admission to Intensive Care or Death. <i>PLoS ONE</i> , 2016, 11, e0145473.	1.1	45

#	ARTICLE	IF	CITATIONS
19	Effectiveness, safety and costs of orphan drugs: an evidence-based review. <i>BMJ Open</i> , 2015, 5, e007199.	0.8	43
20	Common evidence gaps in point-of-care diagnostic test evaluation: a review of horizon scan reports. <i>BMJ Open</i> , 2017, 7, e015760.	0.8	42
21	Diagnosis and Management of Group A Streptococcal Pharyngitis in the United States, 2011â€“2015. <i>BMC Infectious Diseases</i> , 2019, 19, 193.	1.3	42
22	Foundations for evidence-based intraoperative neurophysiological monitoring. <i>Clinical Neurophysiology</i> , 2016, 127, 81-90.	0.7	41
23	Point-of-care testing in UK primary care: a survey to establish clinical needs. <i>Family Practice</i> , 2016, 33, 388-394.	0.8	40
24	C-reactive protein point-of-care testing in acutely ill children: a mixed methods study in primary care. <i>Archives of Disease in Childhood</i> , 2016, 101, 382-386.	1.0	40
25	Predictors of pneumonia in lower respiratory tract infections: 3C prospective cough complication cohort study. <i>European Respiratory Journal</i> , 2017, 50, 1700434.	3.1	38
26	Effect of Oral Prednisolone on Symptom Duration and Severity in Nonasthmatic Adults With Acute Lower Respiratory Tract Infection. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 721.	3.8	35
27	Qualitative study of primary care cliniciansâ€™ views on point-of-care testing for C-reactive protein for acute respiratory tract infections in family medicine. <i>BMJ Open</i> , 2017, 7, e012503.	0.8	35
28	Harmony COVID-19: A ready-to-use kit, low-cost detector, and smartphone app for point-of-care SARS-CoV-2 RNA detection. <i>Science Advances</i> , 2021, 7, eabj1281.	4.7	35
29	Translating diagnostic assays from the laboratory to the clinic: analytical and clinical metrics for device development and evaluation. <i>Lab on A Chip</i> , 2016, 16, 1293-1313.	3.1	34
30	MRI Identification of the Osseous Extent of Pediatric Bone Sarcomas. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 559-564.	0.7	34
31	Evaluating diagnostic strategies for early detection of cancer: the CanTest framework. <i>BMC Cancer</i> , 2019, 19, 586.	1.1	34
32	Respiratory rate estimation during triage of children in hospitals. <i>Journal of Medical Engineering and Technology</i> , 2015, 39, 514-524.	0.8	33
33	Information resources to aid parental decision-making on when to seek medical care for their acutely sick child: a narrative systematic review. <i>BMJ Open</i> , 2015, 5, e008280.	0.8	32
34	Extracting COVID-19 diagnoses and symptoms from clinical text: A new annotated corpus and neural event extraction framework. <i>Journal of Biomedical Informatics</i> , 2021, 117, 103761.	2.5	32
35	Clinical decision making in a high-risk primary care environment: a qualitative study in the UK. <i>BMJ Open</i> , 2012, 2, e000414.	0.8	31
36	Increases in general practice workload in England. <i>Lancet, The</i> , 2016, 387, 2270-2272.	6.3	29

#	ARTICLE	IF	CITATIONS
37	Effect of Oral Dexamethasone Without Immediate Antibiotics vs Placebo on Acute Sore Throat in Adults. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 1535.	3.8	29
38	Missed opportunities for diagnosis: lessons learned from diagnostic errors in primary care. <i>British Journal of General Practice</i> , 2015, 65, e838-e844.	0.7	27
39	Sustainability of mHealth™ interventions in sub-Saharan Africa: a stakeholder analysis of an electronic community case management project in Malawi. <i>Malawi Medical Journal</i> , 2019, 31, 177-183.	0.2	25
40	Variation in the initial assessment and investigation for ovarian cancer in symptomatic women: a systematic review of international guidelines. <i>BMC Cancer</i> , 2019, 19, 1028.	1.1	21
41	Risk of bias in industry-funded oseltamivir trials: comparison of core reports versus full clinical study reports. <i>BMJ Open</i> , 2014, 4, e005253-e005253.	0.8	20
42	The pathway to diagnosis of type 1 diabetes in children: a questionnaire study. <i>BMJ Open</i> , 2015, 5, e006470-e006470.	0.8	20
43	Home-use faecal immunochemical testing: primary care diagnostic technology update. <i>British Journal of General Practice</i> , 2015, 65, 156-158.	0.7	20
44	Implementation of a New Kiosk Technology for Blood Pressure Management in a Family Medicine Clinic: from the WWAMI Region Practice and Research Network. <i>Journal of the American Board of Family Medicine</i> , 2016, 29, 620-629.	0.8	19
45	The added value of a mobile application of Community Case Management on referral, re-consultation and hospitalization rates of children aged under 5 years in two districts in Northern Malawi: study protocol for a pragmatic, stepped-wedge cluster-randomized controlled trial. <i>Trials</i> , 2017, 18, 475.	0.7	19
46	Impact of antibiotics for children presenting to general practice with cough on adverse outcomes: secondary analysis from a multicentre prospective cohort study. <i>British Journal of General Practice</i> , 2018, 68, e682-e693.	0.7	19
47	Research into practice: acutely ill children. <i>British Journal of General Practice</i> , 2014, 64, 311-313.	0.7	17
48	Capillary refill time in sick children: a clinical guide for general practice. <i>British Journal of General Practice</i> , 2016, 66, 587-588.	0.7	17
49	What gives rise to clinician gut feeling, its influence on management decisions and its prognostic value for children with RTI in primary care: a prospective cohort study. <i>BMC Family Practice</i> , 2018, 19, 25.	2.9	17
50	Unmet needs and opportunities for improving care for patients with advanced lung cancer on targeted therapies: a qualitative study. <i>BMJ Open</i> , 2020, 10, e032639.	0.8	17
51	Evaluating Specimen Quality and Results from a Community-Wide, Home-Based Respiratory Surveillance Study. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	17
52	A Proposal to Improve the Early Diagnosis of Symptomatic Cancers in the United States. <i>Cancer Prevention Research</i> , 2020, 13, 715-720.	0.7	16
53	Considerations for Improved Mobile Health Evaluation: Retrospective Qualitative Investigation. <i>JMIR MHealth and UHealth</i> , 2020, 8, e12424.	1.8	16
54	Study protocol for the Innovative Support for Patients with SARS-COV-2 Infections Registry (INSPIRE): A longitudinal study of the medium and long-term sequelae of SARS-CoV-2 infection. <i>PLoS ONE</i> , 2022, 17, e0264260.	1.1	15

#	ARTICLE	IF	CITATIONS
55	Why are acute admissions to hospital of children under 5 years of age increasing in the UK?. Archives of Disease in Childhood, 2018, 103, 917-919.	1.0	14
56	Evaluating genomic tests from bench to bedside: a practical framework. BMC Medical Informatics and Decision Making, 2012, 12, 117.	1.5	13
57	More Than Just Accuracy: A Novel Method to Incorporate Multiple Test Attributes in Evaluating Diagnostic Tests Including Point of Care Tests. IEEE Journal of Translational Engineering in Health and Medicine, 2016, 4, 1-8.	2.2	13
58	Factors affecting sustainability of mHealth decision support tools and mHealth technologies in Malawi. Informatics in Medicine Unlocked, 2019, 17, 100261.	1.9	13
59	Perceptions of a mobile health intervention for Community Case Management in Malawi: Opportunities and challenges for Health Surveillance Assistants in a community setting. Malawi Medical Journal, 2018, 30, 6.	0.2	12
60	Experiences along the diagnostic pathway for patients with advanced lung cancer in the USA: a qualitative study. BMJ Open, 2021, 11, e045056.	0.8	12
61	Whatâ€™s on your keyboard? A systematic review of the contamination of peripheral computer devices in healthcare settings. BMJ Open, 2019, 9, e026437.	0.8	11
62	Patient-Centered Outcomes Related to Imaging Testing in US Primary Care. Journal of the American College of Radiology, 2019, 16, 156-163.	0.9	11
63	Corticosteroids as standalone or add-on treatment for sore throat. The Cochrane Library, 2020, 5, CD008268.	1.5	11
64	People Welcomed This Innovation with Two Hands: A Qualitative Report of an mHealth Intervention for Community Case Management in Malawi. Annals of Global Health, 2019, 85, .	0.8	11
65	Systemic Corticosteroid Therapy for Acute Sinusitis. JAMA - Journal of the American Medical Association, 2015, 313, 1258.	3.8	10
66	Acceptability and psychological impact of out-of-office monitoring to diagnose hypertension: an evaluation of survey data from primary care patients. British Journal of General Practice, 2019, 69, e389-e397.	0.7	10
67	Relationship between microbiology of throat swab and clinical course among primary care patients with acute cough: a prospective cohort study. Family Practice, 2020, 37, 332-339.	0.8	10
68	End-user perspectives of two mHealth decision support tools: Electronic Community Case Management in Northern Malawi. International Journal of Medical Informatics, 2021, 145, 104323.	1.6	10
69	Diagnostic accuracy of self-administered urine glucose test strips as a diabetes screening tool in a low-resource setting in Cambodia. BMJ Open, 2018, 8, e019924.	0.8	8
70	Economic analysis of oral dexamethasone for symptom relief of sore throat: the UK TOAST study. BMJ Open, 2018, 8, e019184.	0.8	8
71	Incidence of Medically Attended Acute Respiratory Illnesses Due to Respiratory Viruses Across the Life Course During the 2018/19 Influenza Season. Clinical Infectious Diseases, 2021, 73, 802-807.	2.9	8
72	A Systematic Review of Clinical Prediction Rules for the Diagnosis of Influenza. Journal of the American Board of Family Medicine, 2021, 34, 1123-1140.	0.8	8

#	ARTICLE	IF	CITATIONS
73	Immunizations for international travel. <i>Primary Care - Clinics in Office Practice</i> , 2002, 29, 787-814.	0.7	7
74	The elusive diagnosis of cancer: testing times. <i>British Journal of General Practice</i> , 2018, 68, 510-511.	0.7	7
75	Can clinical prediction models assess antibiotic need in childhood pneumonia? A validation study in paediatric emergency care. <i>PLoS ONE</i> , 2019, 14, e0217570.	1.1	7
76	Patient-Centered Outcomes From Multiparametric MRI and MRI-Guided Biopsy for Prostate Cancer: A Systematic Review. <i>Journal of the American College of Radiology</i> , 2020, 17, 486-495.	0.9	7
77	Flu@home: the Comparative Accuracy of an At-Home Influenza Rapid Diagnostic Test Using a Prepositioned Test Kit, Mobile App, Mail-in Reference Sample, and Symptom-Based Testing Trigger. <i>Journal of Clinical Microbiology</i> , 2022, 60, JCM0207021.	1.8	6
78	Which Point-of-Care Tests Would Be Most Beneficial to Add to Clinical Practice?. <i>Point of Care</i> , 2017, 16, 168-172.	0.5	5
79	Measuring patient experience of diagnostic care and acceptability of testing. <i>Diagnosis</i> , 2021, 8, 317-321.	1.2	5
80	Appraising and Handling COVID-19 Information: A Qualitative Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10382.	1.2	5
81	Diagnostic Accuracy of an At-Home, Rapid Self-test for Influenza: Prospective Comparative Accuracy Study. <i>JMIR Public Health and Surveillance</i> , 2022, 8, e28268.	1.2	5
82	Assessing the feasibility of mobile phones for followup of acutely unwell children presenting to village clinics in rural northern Malawi. <i>Malawi Medical Journal</i> , 2017, 29, 53.	0.2	4
83	Screening children for hypertension: the case against. <i>Pediatric Nephrology</i> , 2018, 33, 93-100.	0.9	4
84	A Secondary Analysis to Identify Patient-Centered Outcomes in the ACR's Appropriateness Criteria. <i>Journal of the American College of Radiology</i> , 2019, 16, 1645-1655.	0.9	4
85	Identifying Enablers of Participant Engagement in Clinical Trials of Consumer Health Technologies: Qualitative Study of Influenza Home Testing. <i>Journal of Medical Internet Research</i> , 2021, 23, e26869.	2.1	4
86	Role of primary care physician factors on diagnostic testing and referral decisions for symptoms of possible cancer: a systematic review. <i>BMJ Open</i> , 2022, 12, e053732.	0.8	4
87	Assessing physicians' continuing medical education (CME) needs in the U.S.-associated Pacific jurisdictions. <i>Pacific Health Dialog: A Publication of the Pacific Basin Officers Training Program and the Fiji School of Medicine</i> , 2002, 9, 11-6.	0.0	4
88	Patient-centred outcomes of imaging tests: recommendations for patients, clinicians and researchers. <i>BMJ Quality and Safety</i> , 2023, 32, 536-545.	1.8	4
89	Assessing the appropriateness of information on childhood fever in thermometer package leaflets: a systematic audit of thermometers available in the UK. <i>British Journal of General Practice</i> , 2015, 65, e366-e371.	0.7	3
90	Patient Willingness to Have Tests to Guide Antibiotic Use for Respiratory Tract Infections: From the WWAMI Region Practice and Research Network (WPRN). <i>Journal of the American Board of Family Medicine</i> , 2017, 30, 645-656.	0.8	3

#	ARTICLE	IF	CITATIONS
91	Provider Perspectives of Patient Experiences in Primary Care Imaging. <i>Journal of the American Board of Family Medicine</i> , 2019, 32, 392-397.	0.8	3
92	Parental and clinician agreement of illness severity in children with RTIs: secondary analysis of data from a prospective cohort study. <i>British Journal of General Practice</i> , 2019, 69, e236-e245.	0.7	3
93	Evaluating an app-guided self-test for influenza: lessons learned for improving the feasibility of study designs to evaluate self-tests for respiratory viruses. <i>BMC Infectious Diseases</i> , 2021, 21, 617.	1.3	3
94	Effectiveness of Smartphone-Based Community Case Management on the Urgent Referral, Reconsultation, and Hospitalization of Children Aged Under 5 Years in Malawi: Cluster-Randomized, Stepped-Wedge Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e25777.	2.1	3
95	A pragmatic randomized trial of home-based testing for COVID-19 in rural Native American and Latino communities: Protocol for the "Protecting our Communities" study. <i>Contemporary Clinical Trials</i> , 2022, 119, 106820.	0.8	3
96	Health Consumer Engagement, Enablement, and Empowerment in Smartphone-Enabled Home-Based Diagnostic Testing for Viral Infections: Mixed Methods Study. <i>JMIR MHealth and UHealth</i> , 2022, 10, e34685.	1.8	3
97	Management of same-day appointments in primary care. <i>Lancet, The</i> , 2014, 384, 1828-1829.	6.3	2
98	Evaluating mobile solutions of integrated Community Case Management (iCCM): Making the final connection. <i>Malawi Medical Journal</i> , 2018, 29, 332.	0.2	2
99	Qualitative study to explore radiologist and radiologic technologist perceptions of outcomes patients experience during imaging in the USA. <i>BMJ Open</i> , 2020, 10, e033961.	0.8	2
100	Economic evaluation of the OSAC randomised controlled trial: oral corticosteroids for non-asthmatic adults with acute lower respiratory tract infection in primary care. <i>BMJ Open</i> , 2020, 10, e033567.	0.8	2
101	Would primary care paediatricians improve UK child health outcomes? No. <i>British Journal of General Practice</i> , 2020, 70, 196-197.	0.7	2
102	Ensuring Informed Decision-Making for Cancer Screening. <i>Journal of the American Board of Family Medicine</i> , 2021, 34, 435-438.	0.8	2
103	Home testing for COVID-19 and other virus outbreaks: The complex system of translating to communities. <i>Health Systems</i> , 2021, 10, 1-20.	0.9	2
104	The impact of a rapid home test on telehealth decision-making for influenza: a clinical vignette study. , 2022, 23, 75.		2
105	Child health care in general practice: priorities for education and practice. <i>British Journal of General Practice</i> , 2015, 65, e207-e208.	0.7	1
106	Stakeholders perspectives on paper-based and electronic clinical decision support systems in Malawi Africa. <i>Journal of Decision Systems</i> , 2016, 25, 410-420.	2.2	1
107	Sources of Bias in Diagnostic Studies. , 0, , 26-33.		1
108	Asking an Answerable Clinical Question. , 0, , 16-17.		1

#	ARTICLE	IF	CITATIONS
109	Diagnostic accuracy of an app-guided, self-administered test for influenza among individuals presenting to general practice with influenza-like illness: study protocol. <i>BMJ Open</i> , 2020, 10, e036298.	0.8	1
110	Requirements and Study Designs for U.S. Regulatory Approval of Influenza Home Tests. <i>Journal of Clinical Microbiology</i> , 2022, 60, JCM0188421.	1.8	1
111	Reply. <i>Ophthalmology</i> , 2018, 125, e45.	2.5	0
112	Systematic Reviews of Diagnostic Test Accuracy Studies. , 0, , 75-89.		0
113	Screening Tests. , 0, , 66-74.		0
114	Measures of Discrimination of Diagnostic Tests. , 0, , 34-52.		0