

# Matthew J Thompson

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116  
papers

2,156  
citations

25  
h-index

44  
g-index

131  
ext. papers

2,748  
ext. citations

5.2  
avg. IF

4.94  
L-index

#	Paper	IF	Citations
116	Role of primary care physician factors on diagnostic testing and referral decisions for symptoms of possible cancer: a systematic review.. <i>BMJ Open</i> , <b>2022</b> , 12, e053732	3	
115	Flu@home: The comparative accuracy of an at-home influenza rapid diagnostic test, using a pre-positioned test kit, mobile app, mail-in reference sample, and symptom-based testing trigger.. <i>Journal of Clinical Microbiology</i> , <b>2022</b> , JCM0207021	9.7	1
114	Diagnostic Accuracy of an At-Home, Rapid Self-test for Influenza: Prospective Comparative Accuracy Study.. <i>JMIR Public Health and Surveillance</i> , <b>2022</b> , 8, e28268	11.4	2
113	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> , <b>2022</b> , 17, e0264260	3.7	2
112	The impact of a rapid home test on telehealth decision-making for influenza: a clinical vignette study. <b>2022</b> , 23, 75		0
111	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> , <b>2021</b> , 23, e25777	7.6	
110	Appraising and Handling COVID-19 Information: A Qualitative Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	1
109	Evaluating Specimen Quality and Results from a Community-Wide, Home-Based Respiratory Surveillance Study. <i>Journal of Clinical Microbiology</i> , <b>2021</b> , 59,	9.7	8
108	Experiences along the diagnostic pathway for patients with advanced lung cancer in the USA: a qualitative study. <i>BMJ Open</i> , <b>2021</b> , 11, e045056	3	0
107	Extracting COVID-19 diagnoses and symptoms from clinical text: A new annotated corpus and neural event extraction framework. <i>Journal of Biomedical Informatics</i> , <b>2021</b> , 117, 103761	10.2	7
106	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> , <b>2021</b> , 21, 617	4	2
105	Home testing for COVID-19 and other virus outbreaks: The complex system of translating to communities. <i>Health Systems</i> , <b>2021</b> , 10, 298-317	2.3	1
104	End-user perspectives of two mHealth decision support tools: Electronic Community Case Management in Northern Malawi. <i>International Journal of Medical Informatics</i> , <b>2021</b> , 145, 104323	5.3	1
103	Measuring patient experience of diagnostic care and acceptability of testing. <i>Diagnosis</i> , <b>2021</b> , 8, 317-321	4.2	0
102	Incidence of Medically Attended Acute Respiratory Illnesses Due to Respiratory Viruses Across the Life Course During the 2018/19 Influenza Season. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, 802-807	11.6	3
101	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> , <b>2021</b> , 23, e26869	7.6	0
100	Requirements and study designs for US regulatory approval of influenza home tests.. <i>Journal of Clinical Microbiology</i> , <b>2021</b> , JCM0188421	9.7	

99	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> , <b>2021</b> , 7, eabj1281	14.3	3
98	Would primary care paediatricians improve UK child health outcomes? No. <i>British Journal of General Practice</i> , <b>2020</b> , 70, 196-197	1.6	1
97	Unmet needs and opportunities for improving care for patients with advanced lung cancer on targeted therapies: a qualitative study. <i>BMJ Open</i> , <b>2020</b> , 10, e032639	3	5
96	Corticosteroids as standalone or add-on treatment for sore throat. <i>The Cochrane Library</i> , <b>2020</b> , 5, CD008368	3.68	5
95	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> , <b>2020</b> , 10, e036298	3	3
94	Considerations for Improved Mobile Health Evaluation: Retrospective Qualitative Investigation. <i>JMIR MHealth and UHealth</i> , <b>2020</b> , 8, e12424	5.5	7
93	Relationship between microbiology of throat swab and clinical course among primary care patients with acute cough: a prospective cohort study. <i>Family Practice</i> , <b>2020</b> , 37, 332-339	1.9	3
92	Qualitative study to explore radiologist and radiologic technologist perceptions of outcomes patients experience during imaging in the USA. <i>BMJ Open</i> , <b>2020</b> , 10, e033961	3	1
91	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> , <b>2020</b> , 10, e033567	3	1
90	A Proposal to Improve the Early Diagnosis of Symptomatic Cancers in the United States. <i>Cancer Prevention Research</i> , <b>2020</b> , 13, 715-720	3.2	1
89	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> , <b>2020</b> , 17, 486-495	3.5	5
88	A Secondary Analysis to Identify Patient-Centered Outcomes in the ACR Appropriateness Criteria. <i>Journal of the American College of Radiology</i> , <b>2019</b> , 16, 1645-1655	3.5	3
87	Can clinical prediction models assess antibiotic need in childhood pneumonia? A validation study in paediatric emergency care. <i>PLoS ONE</i> , <b>2019</b> , 14, e0217570	3.7	4
86	Evaluating diagnostic strategies for early detection of cancer: the CanTest framework. <i>BMC Cancer</i> , <b>2019</b> , 19, 586	4.8	21
85	Provider Perspectives of Patient Experiences in Primary Care Imaging. <i>Journal of the American Board of Family Medicine</i> , <b>2019</b> , 32, 392-397	1.6	1
84	Acceptability and psychological impact of out-of-office monitoring to diagnose hypertension: an evaluation of survey data from primary care patients. <i>British Journal of General Practice</i> , <b>2019</b> , 69, e389-e397	1.6	3
83	Diagnosis and Management of Group a Streptococcal Pharyngitis in the United States, 2011-2015. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 193	4	18
82	What's on your keyboard? A systematic review of the contamination of peripheral computer devices in healthcare settings. <i>BMJ Open</i> , <b>2019</b> , 9, e026437	3	5

81	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> , <b>2019</b> , 69, e236-e245	1.6	2
80	Variation in the initial assessment and investigation for ovarian cancer in symptomatic women: a systematic review of international guidelines. <i>BMC Cancer</i> , <b>2019</b> , 19, 1028	4.8	12
79	People Welcomed This Innovation with Two Hands: A Qualitative Report of an mHealth Intervention for Community Case Management in Malawi. <i>Annals of Global Health</i> , <b>2019</b> , 85,	3.3	2
78	Factors affecting sustainability of mHealth decision support tools and mHealth technologies in Malawi. <i>Informatics in Medicine Unlocked</i> , <b>2019</b> , 17, 100261	5.3	4
77	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> , <b>2019</b> , 31, 177-183	1.2	10
76	Patient-Centered Outcomes Related to Imaging Testing in US Primary Care. <i>Journal of the American College of Radiology</i> , <b>2019</b> , 16, 156-163	3.5	7
75	Why are acute admissions to hospital of children under 5 years of age increasing in the UK?. <i>Archives of Disease in Childhood</i> , <b>2018</b> , 103, 917-919	2.2	4
74	Diagnostic accuracy of self-administered urine glucose test strips as a diabetes screening tool in a low-resource setting in Cambodia. <i>BMJ Open</i> , <b>2018</b> , 8, e019924	3	6
73	Economic analysis of oral dexamethasone for symptom relief of sore throat: the UK TOAST study. <i>BMJ Open</i> , <b>2018</b> , 8, e019184	3	5
72	Screening children for hypertension: the case against. <i>Pediatric Nephrology</i> , <b>2018</b> , 33, 93-100	3.2	2
71	Reply. <i>Ophthalmology</i> , <b>2018</b> , 125, e45	7.3	
70	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> , <b>2018</b> , 19, 25	2.6	13
69	MRI Identification of the Osseous Extent of Pediatric Bone Sarcomas. <i>Clinical Orthopaedics and Related Research</i> , <b>2018</b> , 476, 559-564	2.2	23
68	Perceptions of a mobile health intervention for Community Case Management in Malawi: Opportunities and challenges for Health Surveillance Assistants in a community setting. <i>Malawi Medical Journal</i> , <b>2018</b> , 30, 6-12	1.2	7
67	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> , <b>2018</b> , 68, e682-e693	1.6	10
66	Effect of Oral Dexamethasone Without Immediate Antibiotics vs Placebo on Acute Sore Throat in Adults: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 317, 1535-1543	27.4	15
65	The global burden of diagnostic errors in primary care. <i>BMJ Quality and Safety</i> , <b>2017</b> , 26, 484-494	5.4	123
64	Short-course versus long-course oral antibiotic treatment for infections treated in outpatient settings: a review of systematic reviews. <i>Family Practice</i> , <b>2017</b> , 34, 511-519	1.9	33

63	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> , <b>2017</b> , 30, 645-656	1.6	3
62	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> , <b>2017</b> , 18, 475	2.8	13
61	Assessing the feasibility of mobile phones for follow-up of acutely unwell children presenting to village clinics in rural northern Malawi. <i>Malawi Medical Journal</i> , <b>2017</b> , 29, 53-54	1.2	4
60	Effect of Oral Prednisolone on Symptom Duration and Severity in Nonasthmatic Adults With Acute Lower Respiratory Tract Infection: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 318, 721-730	27.4	23
59	Qualitative study of primary care clinicians' views on point-of-care testing for C-reactive protein for acute respiratory tract infections in family medicine. <i>BMJ Open</i> , <b>2017</b> , 7, e012503	3	26
58	Predictors of pneumonia in lower respiratory tract infections: 3C prospective cough complication cohort study. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	23
57	Common evidence gaps in point-of-care diagnostic test evaluation: a review of horizon scan reports. <i>BMJ Open</i> , <b>2017</b> , 7, e015760	3	30
56	Which Point-of-Care Tests Would Be Most Beneficial to Add to Clinical Practice?: Findings From a Survey of 3 Family Medicine Clinics in the United States. <i>Point of Care</i> , <b>2017</b> , 16, 168-172	0.4	4
55	Evaluating mobile solutions of integrated Community Case Management (iCCM): Making the final connection. <i>Malawi Medical Journal</i> , <b>2017</b> , 29, 332-334	1.2	1
54	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> , <b>2016</b> , 29, 620-9	1.6	9
53	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> , <b>2016</b> , 101, 382-5	2.2	31
52	Translating diagnostic assays from the laboratory to the clinic: analytical and clinical metrics for device development and evaluation. <i>Lab on A Chip</i> , <b>2016</b> , 16, 1293-313	7.2	22
51	Foundations for evidence-based intraoperative neurophysiological monitoring. <i>Clinical Neurophysiology</i> , <b>2016</b> , 127, 81-90	4.3	31
50	Neuraminidase inhibitors for influenza: a systematic review and meta-analysis of regulatory and mortality data. <i>Health Technology Assessment</i> , <b>2016</b> , 20, 1-242	4.4	60
49	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> , <b>2016</b> , 11, e0145473	3.7	25
48	Stakeholders perspectives on paper-based and electronic clinical decision support systems in Malawi Africa. <i>Journal of Decision Systems</i> , <b>2016</b> , 25, 410-420	1.2	1
47	More Than Just Accuracy: A Novel Method to Incorporate Multiple Test Attributes in Evaluating Diagnostic Tests Including Point of Care Tests. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , <b>2016</b> , 4, 2800208	3	10
46	Capillary refill time in sick children: a clinical guide for general practice. <i>British Journal of General Practice</i> , <b>2016</b> , 66, 587	1.6	7

45	Increases in general practice workload in England. <i>Lancet, The</i> , <b>2016</b> , 387, 2270-2272	40	25
44	Point-of-care testing in UK primary care: a survey to establish clinical needs. <i>Family Practice</i> , <b>2016</b> , 33, 388-94	1.9	32
43	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, the</i> , <b>2016</b> , 4, 902-910	35.1	42
42	Clinical presentation of childhood leukaemia: a systematic review and meta-analysis. <i>Archives of Disease in Childhood</i> , <b>2016</b> , 101, 894-901	2.2	56
41	Systemic corticosteroid therapy for acute sinusitis. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 313, 1258-9	27.4	7
40	Self-Screening and Non-Physician Screening for Hypertension in Communities: A Systematic Review. <i>American Journal of Hypertension</i> , <b>2015</b> , 28, 1316-24	2.3	36
39	Validity and reliability of measurement of capillary refill time in children: a systematic review. <i>Archives of Disease in Childhood</i> , <b>2015</b> , 100, 239-49	2.2	31
38	Respiratory rate estimation during triage of children in hospitals. <i>Journal of Medical Engineering and Technology</i> , <b>2015</b> , 39, 514-24	1.8	23
37	The pathway to diagnosis of type 1 diabetes in children: a questionnaire study. <i>BMJ Open</i> , <b>2015</b> , 5, e006470	4.70	14
36	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> , <b>2015</b> , 5, e008280	3	13
35	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> , <b>2015</b> , 65, e366-71	1.6	2
34	Home-use faecal immunochemical testing: primary care diagnostic technology update. <i>British Journal of General Practice</i> , <b>2015</b> , 65, 156-8	1.6	14
33	The Diagnostic Value of Capillary Refill Time for Detecting Serious Illness in Children: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138155	3.7	36
32	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> , <b>2015</b> , 82, 1-9	12.9	65
31	Missed opportunities for diagnosis: lessons learned from diagnostic errors in primary care. <i>British Journal of General Practice</i> , <b>2015</b> , 65, e838-44	1.6	14
30	Effectiveness, safety and costs of orphan drugs: an evidence-based review. <i>BMJ Open</i> , <b>2015</b> , 5, e007199	3	28
29	Research into practice: acutely ill children. <i>British Journal of General Practice</i> , <b>2014</b> , 64, 311-3	1.6	13
28	Management of same-day appointments in primary care. <i>Lancet, The</i> , <b>2014</b> , 384, 1828-1829	40	1

27	Risk of bias in industry-funded oseltamivir trials: comparison of core reports versus full clinical study reports. <i>BMJ Open</i> , <b>2014</b> , 4, e005253	3	14
26	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> , <b>2014</b> , 4, e005611	3	107
25	Primary care clinicians' Attitudes towards point-of-care blood testing: a systematic review of qualitative studies. <i>BMC Family Practice</i> , <b>2013</b> , 14, 117	2.6	73
24	Screening for hypertension in children and adolescents to prevent cardiovascular disease. <i>Pediatrics</i> , <b>2013</b> , 131, 490-525	7.4	80
23	Duration of symptoms of respiratory tract infections in children: systematic review. <i>BMJ, The</i> , <b>2013</b> , 347, f7027	5.9	148
22	Evaluating genomic tests from bench to bedside: a practical framework. <i>BMC Medical Informatics and Decision Making</i> , <b>2012</b> , 12, 117	3.6	11
21	Clinical decision making in a high-risk primary care environment: a qualitative study in the UK. <i>BMJ Open</i> , <b>2012</b> , 2, e000414	3	25
20	Characterizing the general surgery workforce in rural America. <i>Archives of Surgery (Chicago, Ill: 1920)</i> , <b>2005</b> , 140, 74-9		121
19	Educational effects of international health electives on U.S. and Canadian medical students and residents: a literature review. <i>Academic Medicine</i> , <b>2003</b> , 78, 342-7	3.9	283
18	Hepatitis B knowledge and practices among Chinese Canadian women in Vancouver, British Columbia. <i>Canadian Journal of Public Health</i> , <b>2003</b> , 94, 281-6	3.2	47
17	Immunizations for international travel. <i>Primary Care - Clinics in Office Practice</i> , <b>2002</b> , 29, 787-814	2.2	6
16	Hepatitis B knowledge and practices among Chinese American women in Seattle, Washington. <i>Journal of Cancer Education</i> , <b>2002</b> , 17, 222-6	1.8	58
15	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> , <b>2002</b> , 9, 11-6	0.1	4
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4 Appendix 2: Further Reading96-97

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2 Harmony COVID-19: a ready-to-use kit, low-cost detector, and smartphone app for point-of-care SARS-CoV-2 RNA detection 2

1 Sources of Bias in Diagnostic Studies26-33 1