

Matthew J Thompson

List of Publications by Citations

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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	Educational effects of international health electives on U.S. and Canadian medical students and residents: a literature review. <i>Academic Medicine</i> , 2003 , 78, 342-7	3.9	283
115	Duration of symptoms of respiratory tract infections in children: systematic review. <i>BMJ, The</i> , 2013 , 347, F7027	5.9	148
114	The global burden of diagnostic errors in primary care. <i>BMJ Quality and Safety</i> , 2017 , 26, 484-494	5.4	123
113	Characterizing the general surgery workforce in rural America. <i>Archives of Surgery (Chicago, Ill: 1920)</i> , 2005 , 140, 74-9		121
112	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	3	107
111	Screening for hypertension in children and adolescents to prevent cardiovascular disease. <i>Pediatrics</i> , 2013 , 131, 490-525	7.4	80
110	Primary care clinicians' Attitudes towards point-of-care blood testing: a systematic review of qualitative studies. <i>BMC Family Practice</i> , 2013 , 14, 117	2.6	73
109	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	12.9	65
108	Neuraminidase inhibitors for influenza: a systematic review and meta-analysis of regulatory and mortality data. <i>Health Technology Assessment</i> , 2016 , 20, 1-242	4.4	60
107	Hepatitis B knowledge and practices among Chinese American women in Seattle, Washington. <i>Journal of Cancer Education</i> , 2002 , 17, 222-6	1.8	58
106	Clinical presentation of childhood leukaemia: a systematic review and meta-analysis. <i>Archives of Disease in Childhood</i> , 2016 , 101, 894-901	2.2	56
105	Hepatitis B knowledge and practices among Chinese Canadian women in Vancouver, British Columbia. <i>Canadian Journal of Public Health</i> , 2003 , 94, 281-6	3.2	47
104	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	35.1	42
103	Self-Screening and Non-Physician Screening for Hypertension in Communities: A Systematic Review. <i>American Journal of Hypertension</i> , 2015 , 28, 1316-24	2.3	36
102	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	3.7	36
101	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	1.9	33
100	Point-of-care testing in UK primary care: a survey to establish clinical needs. <i>Family Practice</i> , 2016 , 33, 388-94	1.9	32

99	Validity and reliability of measurement of capillary refill time in children: a systematic review. <i>Archives of Disease in Childhood</i> , 2015 , 100, 239-49	2.2	31
98	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, 382-5	2.2	31
97	Foundations for evidence-based intraoperative neurophysiological monitoring. <i>Clinical Neurophysiology</i> , 2016 , 127, 81-90	4.3	31
96	Common evidence gaps in point-of-care diagnostic test evaluation: a review of horizon scan reports. <i>BMJ Open</i> , 2017 , 7, e015760	3	30
95	Effectiveness, safety and costs of orphan drugs: an evidence-based review. <i>BMJ Open</i> , 2015 , 5, e007199	3	28
94	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> , 2017 , 7, e012503	3	26
93	Clinical decision making in a high-risk primary care environment: a qualitative study in the UK. <i>BMJ Open</i> , 2012 , 2, e000414	3	25
92	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	3.7	25
91	Increases in general practice workload in England. <i>Lancet, The</i> , 2016 , 387, 2270-2272	4.0	25
90	Respiratory rate estimation during triage of children in hospitals. <i>Journal of Medical Engineering and Technology</i> , 2015 , 39, 514-24	1.8	23
89	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> , 2017 , 318, 721-730	27.4	23
88	Predictors of pneumonia in lower respiratory tract infections: 3C prospective cough complication cohort study. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	23
87	MRI Identification of the Osseous Extent of Pediatric Bone Sarcomas. <i>Clinical Orthopaedics and Related Research</i> , 2018 , 476, 559-564	2.2	23
86	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, 1293-313	7.2	22
85	Evaluating diagnostic strategies for early detection of cancer: the CanTest framework. <i>BMC Cancer</i> , 2019 , 19, 586	4.8	21
84	Diagnosis and Management of Group a Streptococcal Pharyngitis in the United States, 2011-2015. <i>BMC Infectious Diseases</i> , 2019 , 19, 193	4	18
83	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> , 2017 , 317, 1535-1543	27.4	15
82	The pathway to diagnosis of type 1 diabetes in children: a questionnaire study. <i>BMJ Open</i> , 2015 , 5, e006470	3.7	14

81	Home-use faecal immunochemical testing: primary care diagnostic technology update. <i>British Journal of General Practice</i> , 2015 , 65, 156-8	1.6	14
80	Missed opportunities for diagnosis: lessons learned from diagnostic errors in primary care. <i>British Journal of General Practice</i> , 2015 , 65, e838-44	1.6	14
79	Risk of bias in industry-funded oseltamivir trials: comparison of core reports versus full clinical study reports. <i>BMJ Open</i> , 2014 , 4, e005253	3	14
78	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, 117	2.8	13
77	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	2.6	13
76	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	3	13
75	Research into practice: acutely ill children. <i>British Journal of General Practice</i> , 2014 , 64, 311-3	1.6	13
74	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	4.8	12
73	Evaluating genomic tests from bench to bedside: a practical framework. <i>BMC Medical Informatics and Decision Making</i> , 2012 , 12, 117	3.6	11
72	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> , 2016 , 4, 2800208	3	10
71	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	1.2	10
70	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	1.6	10
69	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, 620-9	1.6	9
68	Evaluating Specimen Quality and Results from a Community-Wide, Home-Based Respiratory Surveillance Study. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	8
67	Systemic corticosteroid therapy for acute sinusitis. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1258-9	27.4	7
66	Considerations for Improved Mobile Health Evaluation: Retrospective Qualitative Investigation. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e12424	5.5	7
65	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	10.2	7
64	Capillary refill time in sick children: a clinical guide for general practice. <i>British Journal of General Practice</i> , 2016 , 66, 587	1.6	7

63	Patient-Centered Outcomes Related to Imaging Testing in US Primary Care. <i>Journal of the American College of Radiology</i> , 2019 , 16, 156-163	3.5	7
62	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> , 2018 , 30, 6-12	1.2	7
61	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> , 2018 , 8, e019924	3	6
60	Immunizations for international travel. <i>Primary Care - Clinics in Office Practice</i> , 2002 , 29, 787-814	2.2	6
59	What's on your keyboard? A systematic review of the contamination of peripheral computer devices in healthcare settings. <i>BMJ Open</i> , 2019 , 9, e026437	3	5
58	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	3	5
57	Corticosteroids as standalone or add-on treatment for sore throat. <i>The Cochrane Library</i> , 2020 , 5, CD008368	3.68	5
56	Economic analysis of oral dexamethasone for symptom relief of sore throat: the UK TOAST study. <i>BMJ Open</i> , 2018 , 8, e019184	3	5
55	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	3.5	5
54	Can clinical prediction models assess antibiotic need in childhood pneumonia? A validation study in paediatric emergency care. <i>PLoS ONE</i> , 2019 , 14, e0217570	3.7	4
53	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> , 2017 , 29, 53-54	1.2	4
52	Why are acute admissions to hospital of children under 5 years of age increasing in the UK?. <i>Archives of Disease in Childhood</i> , 2018 , 103, 917-919	2.2	4
51	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> , 2017 , 16, 168-172	0.4	4
50	Factors affecting sustainability of mHealth decision support tools and mHealth technologies in Malawi. <i>Informatics in Medicine Unlocked</i> , 2019 , 17, 100261	5.3	4
49	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	0.1	4
48	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	3.5	3
47	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> , 2019 , 69, e389-e397	1.6	3
46	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	1.6	3

45	Relationship between microbiology of throat swab and clinical course among primary care patients with acute cough: a prospective cohort study. <i>Family Practice</i> , 2020 , 37, 332-339	1.9	3
44	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> , 2021 , 73, 802-807	11.6	3
43	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	14.3	3
42	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	1.6	2
41	Screening children for hypertension: the case against. <i>Pediatric Nephrology</i> , 2018 , 33, 93-100	3.2	2
40	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, e366-71	1.6	2
39	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	11.4	2
38	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> , 2019 , 85,	3.3	2
37	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	4	2
36	Harmony COVID-19: a ready-to-use kit, low-cost detector, and smartphone app for point-of-care SARS-CoV-2 RNA detection		2
35	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	3.7	2
34	Provider Perspectives of Patient Experiences in Primary Care Imaging. <i>Journal of the American Board of Family Medicine</i> , 2019 , 32, 392-397	1.6	1
33	Would primary care paediatricians improve UK child health outcomes? No. <i>British Journal of General Practice</i> , 2020 , 70, 196-197	1.6	1
32	Management of same-day appointments in primary care. <i>Lancet, The</i> , 2014 , 384, 1828-1829	4.0	1
31	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> , 2022 , JCM0207021	9.7	1
30	Appraising and Handling COVID-19 Information: A Qualitative Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
29	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	3	1
28	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	3	1

27	A Proposal to Improve the Early Diagnosis of Symptomatic Cancers in the United States. <i>Cancer Prevention Research</i> , 2020 , 13, 715-720	3.2	1
26	Home testing for COVID-19 and other virus outbreaks: The complex system of translating to communities. <i>Health Systems</i> , 2021 , 10, 298-317	2.3	1
25	Stakeholders perspectives on paper-based and electronic clinical decision support systems in Malawi Africa. <i>Journal of Decision Systems</i> , 2016 , 25, 410-420	1.2	1
24	End-user perspectives of two mHealth decision support tools: Electronic Community Case Management in Northern Malawi. <i>International Journal of Medical Informatics</i> , 2021 , 145, 104323	5.3	1
23	Evaluating mobile solutions of integrated Community Case Management (iCCM): Making the final connection. <i>Malawi Medical Journal</i> , 2017 , 29, 332-334	1.2	1
22	Sources of Bias in Diagnostic Studies26-33		1
21	Experiences along the diagnostic pathway for patients with advanced lung cancer in the USA: a qualitative study. <i>BMJ Open</i> , 2021 , 11, e045056	3	0
20	Measuring patient experience of diagnostic care and acceptability of testing. <i>Diagnosis</i> , 2021 , 8, 317-3214.2		0
19	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	7.6	0
18	The impact of a rapid home test on telehealth decision-making for influenza: a clinical vignette study. 2022 , 23, 75		0
17	Reply. <i>Ophthalmology</i> , 2018 , 125, e45	7.3	
16	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	3	
15	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	3	
14	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	7.6	
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3 Appendix 2: Further Reading 96-97

2 Finding the Evidence: How to get the most from your Searching 18-21

1 Requirements and study designs for US regulatory approval of influenza home tests.. *Journal of Clinical Microbiology*, **2021**, JCM0188421

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