Siaw-Teng Liaw

List of Publications by Year
in descending order

133 papers	2,557 citations	257450 24 h-index	254184 43 g-index
140 all docs	140 docs citations	140 times ranked	3801 citing authors

#	Article	IF	Citations
1	Seek COVER: using a disease proxy to rapidly develop and validate a personalized risk calculator for COVID-19 outcomes in an international network. BMC Medical Research Methodology, 2022, 22, 35.	3.1	13
2	Editorial: Special issue on "The Primary Care Informatics response to COVID-19" International Journal of Medical Informatics, 2022, 160, 104690.	3.3	2
3	"Digital Health Diplomacy" in Global Digital Health? A call for critique and discourse. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1019-1024.	4.4	9
4	A digital health profile & maturity assessment toolkit: cocreation and testing in the Pacific Islands. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 494-503.	4.4	16
5	Knowledge co-creation in participatory policy and practice: Building community through data-driven direct democracy. Big Data and Society, 2021, 8, 205395172110194.	4.5	17
6	A New Method for Estimating the Incidence of Infectious Diseases. American Journal of Epidemiology, 2021, 190, 1386-1395.	3.4	5
7	Digital Health, Social Enterprise & Citizen Engagement in Integrated People-Centered Health Services: A hermeneutic systematic review and preliminary framework synthesis. International Journal of Integrated Care, 2021, 20, 196.	0.2	4
8	Toolkits for implementing and evaluating digital health: A systematic review of rigor and reporting. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1298-1307.	4.4	10
9	Implementation of the COVID-19 Vulnerability Index Across an International Network of Health Care Data Sets: Collaborative External Validation Study. JMIR Medical Informatics, 2021, 9, e21547.	2.6	11
10	Primary Care Informatics Response to Covid-19 Pandemic: Adaptation, Progress, and Lessons from Four Countries with High ICT Development. Yearbook of Medical Informatics, 2021, 30, 044-055.	1.0	24
11	National Heart Foundation of Australia: position statement on coronary artery calcium scoring for the primary prevention of cardiovascular disease in Australia. Medical Journal of Australia, 2021, 214, 434-439.	1.7	6
12	Machine Learning Approaches to Identify Patient Comorbidities and Symptoms That Increased Risk of Mortality in COVID-19. Diagnostics, 2021, 11, 1383.	2.6	21
13	From telehealth to virtual primary care in Australia? A Rapid scoping review. International Journal of Medical Informatics, 2021, 151, 104470.	3.3	50
14	Quality assessment of real-world data repositories across the data life cycle: A literature review. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1591-1599.	4.4	36
15	mHealth for Integrated People-Centred Health Services in the Western Pacific: A Systematic Review. International Journal of Medical Informatics, 2020, 142, 104259.	3.3	27
16	Evaluation of Digital Health & Information Technology in Primary Care. International Journal of Medical Informatics, 2020, 144, 104285.	3.3	4
17	Community health alliances as social enterprises that digitally engage citizens and integrate services: A case study in Southwestern Sydney (protocol). Digital Health, 2020, 6, 205520762093011.	1.8	3
18	'Serious Games' for unboxing Global Digital Health policymaking. BMJ Simulation and Technology Enhanced Learning, 2020, 6, 255-256.	0.7	5

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19	Adoption of enterprise architecture for healthcare in AeHIN member countries. BMJ Health and Care Informatics, 2020, 27, e100136.	3.0	9
20	Ethical Use of Electronic Health Record Data and Artificial Intelligence: Recommendations of the Primary Care Informatics Working Group of the International Medical Informatics Association. Yearbook of Medical Informatics, 2020, 29, 051-057.	1.0	27
21	General practice research: an investment to improve the health of all Australians. Medical Journal of Australia, 2020, 212, 398.	1.7	0
22	Linking observational data from general practice, hospital admissions and diabetes clinic databases: can it be used to predict hospital admission?. BMC Health Services Research, 2019, 19, 526.	2.2	5
23	Cultural respect in general practice: a cluster randomised controlled trial. Medical Journal of Australia, 2019, 211, 43.	1.7	1
24	Guest editorial: Special issue in biomedical data quality assessment methods. Computer Methods and Programs in Biomedicine, 2019, 181, 104954.	4.7	5
25	Comparison of the cohort selection performance of Australian Medicines Terminology to Anatomical Therapeutic Chemical mappings. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1237-1246.	4.4	6
26	Statistical supervised meta-ensemble algorithm for medical record linkage. Journal of Biomedical Informatics, 2019, 95, 103220.	4.3	7
27	Artificial Intelligence in Primary Health Care: Perceptions, Issues, and Challenges. Yearbook of Medical Informatics, 2019, 28, 041-046.	1.0	80
28	Cultural respect in general practice: a cluster randomised controlled trial. Medical Journal of Australia, 2019, 210, 263-268.	1.7	17
29	Social business as an entrepreneurship model in emerging economy. Management Decision, 2019, 57, 1145-1161.	3.9	40
30	A Realist Synthesis of Literature Informing Programme Theories for Well Child Care in Primary Health Systems of Developed Economies. International Journal of Integrated Care, 2019, 19, 5.	0.2	4
31	Use of mHealth for promoting healthy ageing and supporting delivery of age-friendly care services: a systematic review. International Journal of Integrated Care, 2019, 19, 147.	0.2	1
32	Generation of Surrogates for De-Identification of Electronic Health Records. Studies in Health Technology and Informatics, 2019, 264, 70-73.	0.3	3
33	Patient access to electronic health records: Differences across ten countries. Health Policy and Technology, 2018, 7, 44-56.	2.5	105
34	Benefit-risk of Patients' Online Access to their Medical Records: Consensus Exercise of an International Expert Group. Yearbook of Medical Informatics, 2018, 27, 156-162.	1.0	6
35	A case study of well child care visits at general practices in a region of disadvantage in Sydney. PLoS ONE, 2018, 13, e0205235.	2.5	5
36	Preventing chronic disease in patients with low health literacy using eHealth and teamwork in primary healthcare: protocol for a cluster randomised controlled trial. BMJ Open, 2018, 8, e023239.	1.9	18

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37	Effect of Seasonal Variation on Clinical Outcome in Patients with Chronic Conditions: Analysis of the Commonwealth Scientific and Industrial Research Organization (CSIRO) National Telehealth Trial. JMIR Medical Informatics, 2018, 6, e16.	2.6	4
38	Integrating Health Care – Our Journey Continues. International Journal of Integrated Care, 2018, 18, 309.	0.2	0
39	The informatics capability maturity of integrated primary care centres in Australia. International Journal of Medical Informatics, 2017, 105, 89-97.	3.3	12
40	Gender differentials in readiness and use of mHealth services in a rural area of Bangladesh. BMC Health Services Research, 2017, 17, 573.	2.2	44
41	A Harmonized Data Quality Assessment Terminology and Framework for the Secondary Use of Electronic Health Record Data. EGEMS (Washington, DC), 2017, 4, 18.	2.0	274
42	Mining Electronic Health Records to Guide and Support Clinical Decision Support Systems. , 2017, , 184-201.		3
43	eHealth and Integrated Primary Health Care Centres. International Journal of Integrated Care, 2017, 17, 42.	0.2	0
44	Integrated Healthcare Homes & Neighbourhoods: governance, clinical, managerial & evaluation matters. International Journal of Integrated Care, 2017, 17, 43.	0.2	0
45	Barriers to optimal screening and vaccination of hepatitis B contacts: a survey of general practitioners in NSW, Australia. Public Health Research and Practice, 2017, 27, .	1.5	0
46	An "integrated health neighbourhood" framework to optimise the use of EHR data. Journal of Innovation in Health Informatics, 2016, 23, 547.	0.9	8
47	UK National Data Guardian for Health and Care's Review of Data Security: Trust, better security and opt-outs. Journal of Innovation in Health Informatics, 2016, 23, 627.	0.9	19
48	A survey of Sydney general practitioners' management of patients with chronic hepatitis B. Medical Journal of Australia, 2016, 204, 74-74.	1.7	4
49	Is there a role for a primary health nurse in a learning support team in a disadvantaged high school? Evaluation of a pilot study. Australian Journal of Primary Health, 2016, 22, 530.	0.9	7
50	Psychological distress among Vietnamese adults attending Vietnamese-speaking general practices in South Western Sydney: prevalence and associations. Australian Journal of Primary Health, 2016, 22, 354.	0.9	5
51	Community readiness for adopting mHealth in rural Bangladesh: A qualitative exploration. International Journal of Medical Informatics, 2016, 93, 49-56.	3.3	45
52	A longitudinal cohort study of HIV 'treatment as prevention' in gay, bisexual and other men who have sex with men: the Treatment with Antiretrovirals and their Impact on Positive And Negative men (TAIPAN) study protocol. BMC Infectious Diseases, 2016, 16, 752.	2.9	9
53	A Pilot Study for Understanding the Perceptions of Australian General Practitioners Regarding Psychopharmacology for Children With Autism Spectrum Disorders. Journal of Primary Care and Community Health, 2016, 7, 258-264.	2.1	2
54	Identifying patient safety problems associated with information technology in general practice: an analysis of incident reports: TableÂ1. BMJ Quality and Safety, 2016, 25, 870-880.	3.7	39

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55	Mining Electronic Health Records to Guide and Support Clinical Decision Support Systems. Advances in Healthcare Information Systems and Administration Book Series, 2016, , 252-269.	0.2	8
56	Development of a Methodological Approach for Data Quality Ontology in Diabetes Management. , 2016, , 444-465.		0
57	Optimising the use of observational electronic health record data: Current issues, evolving opportunities, strategies and scope for collaboration. Australian Family Physician, 2016, 45, 153-6.	0.5	9
58	Safe and effective cultural mentorship in general practice. Australian Family Physician, 2016, 45, 431-6.	0.5	1
59	Applying "big data" and business intelligence insights to improving clinical care for cancer. , 2015, , .		2
60	Identification and Progression of Heart Disease Risk Factors in Diabetic Patients from Longitudinal Electronic Health Records. BioMed Research International, 2015, 2015, 1-10.	1.9	25
61	Using routinely collected health data for surveillance, quality improvement and research: Framework and key questions to assess ethics, privacy and data access. Journal of Innovation in Health Informatics, 2015, 22, 426-432.	0.9	18
62	An algorithm to improve diagnostic accuracy in diabetes in computerised problem orientated medical records (POMR) compared with an established algorithm developed in episode orientated records (EOMR). Journal of Innovation in Health Informatics, 2015, 22, 255-264.	0.9	19
63	Determinants of readiness to adopt mHealth in a rural community of Bangladesh. International Journal of Medical Informatics, 2015, 84, 847-856.	3.3	78
64	Coronary artery disease risk assessment from unstructured electronic health records using text mining. Journal of Biomedical Informatics, 2015, 58, S203-S210.	4.3	62
65	Structured data quality reports to improve EHR data quality. International Journal of Medical Informatics, 2015, 84, 1094-1098.	3.3	33
66	TMUNSW: Identification of Disorders and Normalization to SNOMED-CT Terminology in Unstructured Clinical Notes. , 2015, , .		1
67	A preliminary study on automatic identification of patient smoking status in unstructured electronic health records. , 2015, , .		6
68	"Why Didn't it Work?" Lessons From a Randomized Controlled Trial of a Web-based Personally Controlled Health Management System for Adults with Asthma. Journal of Medical Internet Research, 2015, 17, e283.	4.3	34
69	Ontology for Data Quality and Chronic Disease Management. Advances in Healthcare Information Systems and Administration Book Series, 2015, , 303-331.	0.2	0
70	Improving cultural respect to improve Aboriginal health in general practice: a multi-methods and multi-perspective pragmatic study. Australian Family Physician, 2015, 44, 387-92.	0.5	9
71	Research ethics and approval process: A guide for new GP researchers. Australian Family Physician, 2015, 44, 419-22.	0.5	0
72	Impact of data quality assessment on development of clinical predictive models. Studies in Health Technology and Informatics, 2015, 216, 1069.	0.3	3

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73	Ethical research or research ethics?. Australian Family Physician, 2015, 44, 522-3.	0.5	1
74	Development of a Methodological Approach for Data Quality Ontology in Diabetes Management. International Journal of E-Health and Medical Communications, 2014, 5, 58-77.	1.6	5
75	Defining dimensions of research readiness: a conceptual model for primary care research networks. BMC Family Practice, 2014, 15, 169.	2.9	12
76	Validating an ontology-based algorithm to identify patients with Type 2 Diabetes Mellitus in Electronic Health Records. International Journal of Medical Informatics, 2014, 83, 768-778.	3.3	35
77	Integrating electronic health record information to support integrated care: Practical application of ontologies to improve the accuracy of diabetes disease registers. Journal of Biomedical Informatics, 2014, 52, 364-372.	4.3	46
78	Ontological specification of quality of chronic disease data in EHRs to support decision analytics: a realist review. Decision Analytics, 2014, 1, .	1.4	7
79	Routine use of clinical management guidelines in Australian general practice. Australian Journal of Primary Health, 2014, 20, 41.	0.9	19
80	Multidisciplinary care: experience of patients with complex needs. Australian Journal of Primary Health, 2014, 20, 20.	0.9	23
81	How integrated are services for patients with chronic obstructive pulmonary disease? Perceptions of patients and health care providers. Australian Journal of Primary Health, 2014, 20, 158.	0.9	5
82	An integrated organisation-wide data quality management and information governance framework: theoretical underpinnings. Journal of Innovation in Health Informatics, 2014, 21, 199-206.	0.9	16
83	Integrated Health Care â€" a population health approach in South Western Sydney. International Journal of Integrated Care, 2014, 14, .	0.2	2
84	Unravelling the tangled taxonomies of health informatics. Journal of Innovation in Health Informatics, 2014, 21, 152-155.	0.9	5
85	Electronic health records and disease registries to support integrated care in a health neighbourhood: an ontology-based methodology. AMIA Summits on Translational Science Proceedings, 2014, 2014, 50-4.	0.4	2
86	The management of severe hypertension in Australian general practice. BMC Health Services Research, 2013, 13, 414.	2.2	3
87	Towards an ontology for data quality in integrated chronic disease management: A realist review of the literature. International Journal of Medical Informatics, 2013, 82, 10-24.	3.3	132
88	A preliminary study of the relationship between general practice care and hospitalisation using a diabetes register, CARDIAB. Australian Health Review, 2013, 37, 210.	1.1	9
89	Which Bundles of Features in a Web-Based Personally Controlled Health Management System Are Associated With Consumer Help-Seeking Behaviors for Physical and Emotional Well-Being?. Journal of Medical Internet Research, 2013, 15, e79.	4.3	23
90	Social and Self-Reflective Use of a Web-Based Personally Controlled Health Management System. Journal of Medical Internet Research, 2013, 15, e211.	4.3	16

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91	An Internet Intervention to Improve Asthma Management: Rationale and Protocol of a Randomized Controlled Trial. JMIR Research Protocols, 2013, 2, e28.	1.0	10
92	Accelerating the development of an information ecosystem in health care, by stimulating the growth of safe intermediate processing of health information (IPHI). Journal of Innovation in Health Informatics, 2013, 20, 82-86.	0.9	8
93	Consumers' online social network topologies and health behaviours. Studies in Health Technology and Informatics, 2013, 192, 77-81.	0.3	5
94	Data extraction from electronic health records - existing tools may be unreliable and potentially unsafe. Australian Family Physician, 2013, 42, 820-3.	0.5	17
95	Factors Influencing Access to Urban General Practices and Primary Health Care by Aboriginal Australians—A Qualitative Study. AlterNative, 2012, 8, 66-84.	1.5	9
96	Health reform: Is routinely collected electronic information fit for purpose?. EMA - Emergency Medicine Australasia, 2012, 24, 57-63.	1.1	34
97	Access to same day, next day and after-hours appointments: the views of Australian general practitioners. Australian Health Review, 2012, 36, 325.	1.1	11
98	Reporting of Studies Conducted using Observational Routinely Collected Data (RECORD) statement: call for contributions from the clinical informatics community. Informatics in Primary Care, 2012, 20, 221-4.	1.1	3
99	Can we trust the PCEHR not to leak?. Medical Journal of Australia, 2011, 195, 222-222.	1.7	7
100	Successful chronic disease care for Aboriginal Australians requires cultural competence. Australian and New Zealand Journal of Public Health, 2011, 35, 238-248.	1.8	68
101	Defining datasets and creating data dictionaries for quality improvement and research in chronic disease using routinely collected data: an ontology-driven approach. Journal of Innovation in Health Informatics, 2011, 19, 127-134.	0.9	27
102	Data quality and fitness for purpose of routinely collected data--a general practice case study from an electronic practice-based research network (ePBRN). AMIA ... Annual Symposium proceedings, 2011, 2011, 785-94.	0.2	8
103	What are the barriers to conducting international research using routinely collected primary care data?. Studies in Health Technology and Informatics, 2011, 165, 135-40.	0.3	8
104	Decision support systems--a general practice research journey. Australian Family Physician, 2011, 40, 711.	0.5	0
105	HoMER - an opportunity or threat to general practice research?. Australian Family Physician, 2011, 40, 1016-7.	0.5	0
106	Australian rural football club leaders as mental health advocates: an investigation of the impact of the Coach the Coach project. International Journal of Mental Health Systems, 2010, 4, 10.	2.7	75
107	Primary care informatics and integrated care. Studies in Health Technology and Informatics, 2010, 151, 255-68.	0.3	1
108	Clinical decision support implementations. Studies in Health Technology and Informatics, 2010, 151, 296-311.	0.3	0

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109	Clinical health informatics education for a 21st Century World. Studies in Health Technology and Informatics, 2010, 151, 479-91.	0.3	1
110	Genetics and genomics in general practice. Australian Family Physician, 2010, 39, 689-91.	0.5	5
111	General practice - engaging the online social networking revolution. Australian Family Physician, 2010, 39, 809-10.	0.5	4
112	Close the Gap: ask the experts. Medical Journal of Australia, 2009, 191, 582-583.	1.7	2
113	Doctor and pharmacist — back to the apothecary!. Australian Health Review, 2009, 33, 268.	1.1	6
114	An interactive workshop plus locally adapted guidelines can improve General Practitioners asthma management and knowledge: A cluster randomised trial in the Australian setting. BMC Family Practice, 2008, 9, 22.	2.9	19
115	Stroke in Rural Areas and Small Communities. Stroke, 2008, 39, 1920-1928.	2.0	104
116	eConsulting. Methods in Molecular Medicine, 2008, 141, 353-373.	0.8	1
117	Lessons from the NHS National Programme for IT. Medical Journal of Australia, 2007, 186, 607-607.	1.7	2
118	Assessment of readiness to prevent type 2 diabetes in a population of rural women with a history of gestational diabetes. Rural and Remote Health, 2007, 7, 802.	0.5	18
119	Rural eHealth paradox: It's not just geography!. Australian Journal of Rural Health, 2006, 14, 95-98.	1.5	33
120	Clinical, information and business process modeling to promote development of safe and flexible software. Health Informatics Journal, 2006, 12, 199-211.	2.1	8
121	A compulsory experiential and inter-professional rural health subject for undergraduate students. Rural and Remote Health, 2005, 5, 460.	0.5	9
122	Developing a conceptual understanding of rural health practice. Australian Journal of Rural Health, 2004, 12, 181-186.	1.5	103
123	Computer aided prescribing: Decision support needs to be evidence based. BMJ: British Medical Journal, 2004, 328, 1566.2.	2.3	6
124	RACGP training registrars' perceptions and practice of prostate cancer screening. Australian Family Physician, 2004, 33, 188-90.	0.5	1
125	Falls Prevention within the Australian General Practice Data Model: Methodology, Information Model, and Terminology Issues. Journal of the American Medical Informatics Association: JAMIA, 2003, 10, 425-432.	4.4	12
126	Continuing medical education for asthma in primary care settings: a review of randomised controlled trials. Primary Care Respiratory Journal: Journal of the General Practice Airways Group, 2003, 12, 119-123.	2.3	7

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127	Doctors' perceptions and attitudes to prescribing within the Authority Prescribing System. Medical Journal of Australia, 2003, 178, 203-206.	1.7	10
128	Perceived need for mental health care: influences of diagnosis, demography and disability. Psychological Medicine, 2002, 32, 299-309.	4.5	78
129	Is an indexed database publications database for the Asia Pacific region feasible?. Asia Pacific Family Medicine, 2002, 1, 33-36.	0.4	1
130	The development and pilot testing of a Focused Education and Psychotherapy Program (FEPP) for treatment of depression in general practice. Australasian Psychiatry, 2002, 10, 268-274.	0.7	3
131	General practice and computing standards. Australian Family Physician, 2002, 31, 509-14.	0.5	0
132	Emergency and primary care at a Melbourne hospital: reasons for attendance and satisfaction. Australian Health Review, 2001, 24, 120.	1.1	16
133	Improving patient-doctor concordance: an intervention study in general practice. Family Practice, 1996, 13, 427-431.	1.9	38