

Antoine Geissbuhler

List of Publications by Citations

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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.

86

papers

2,513

citations

23

h-index

49

g-index

97

ext. papers

2,893

ext. citations

3.5

avg, IF

4.82

L-index

#	Paper	IF	Citations
86	A review of content-based image retrieval systems in medical applications-clinical benefits and future directions. <i>International Journal of Medical Informatics</i> , 2004 , 73, 1-23	5.3	945
85	Learning from imbalanced data in surveillance of nosocomial infection. <i>Artificial Intelligence in Medicine</i> , 2006 , 37, 7-18	7.4	142
84	Building a reference multimedia database for interstitial lung diseases. <i>Computerized Medical Imaging and Graphics</i> , 2012 , 36, 227-38	7.6	126
83	The RAFT network: 5 years of distance continuing medical education and tele-consultations over the Internet in French-speaking Africa. <i>International Journal of Medical Informatics</i> , 2007 , 76, 351-6	5.3	102
82	Trustworthy reuse of health data: a transnational perspective. <i>International Journal of Medical Informatics</i> , 2013 , 82, 1-9	5.3	67
81	Near-affine-invariant texture learning for lung tissue analysis using isotropic wavelet frames. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012 , 16, 665-75		59
80	Informatics in radiology (infoRAD): benefits of content-based visual data access in radiology. <i>Radiographics</i> , 2005 , 25, 849-58	5.4	51
79	Integration of a multimedia teaching and reference database in a PACS environment. <i>Radiographics</i> , 2002 , 22, 1567-77	5.4	49
78	Precision global health in the digital age. <i>Swiss Medical Weekly</i> , 2017 , 147, w14423	3.1	48
77	Evolution of health web certification through the HONcode experience. <i>Studies in Health Technology and Informatics</i> , 2011 , 169, 53-7	0.5	48
76	Long-running telemedicine networks delivering humanitarian services: experience, performance and scientific output. <i>Bulletin of the World Health Organization</i> , 2012 , 90, 341-347D	8.2	46
75	Using argumentation to extract key sentences from biomedical abstracts. <i>International Journal of Medical Informatics</i> , 2007 , 76, 195-200	5.3	43
74	Experience in implementing inpatient clinical note capture via a provider order entry system. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2004 , 11, 310-5	8.6	42
73	Assessment of Internet-based tele-medicine in Africa (the RAFT project). <i>Computerized Medical Imaging and Graphics</i> , 2006 , 30, 407-16	7.6	38
72	Comparative performance analysis of state-of-the-art classification algorithms applied to lung tissue categorization. <i>Journal of Digital Imaging</i> , 2010 , 23, 18-30	5.3	36
71	Using lexical disambiguation and named-entity recognition to improve spelling correction in the electronic patient record. <i>Artificial Intelligence in Medicine</i> , 2003 , 29, 169-84	7.4	36
70	A reference data set for the evaluation of medical image retrieval systems. <i>Computerized Medical Imaging and Graphics</i> , 2004 , 28, 295-305	7.6	34

69	Medical and economic benefits of telehealth in low- and middle-income countries: results of a study in four district hospitals in Mali. <i>BMC Health Services Research</i> , 2014 , 14 Suppl 1, S9	2.9	33
68	Improved visualization of vessels and hepatic tumors by micro-computed tomography (CT) using iodinated liposomes. <i>Investigative Radiology</i> , 2007 , 42, 652-8	10.1	31
67	The RAFT Telemedicine Network: Lessons Learnt and Perspectives from a Decade of Educational and Clinical Services in Low- and Middle-Incomes Countries. <i>Frontiers in Public Health</i> , 2014 , 2, 180	6	30
66	Comprehensive management of the access to the electronic patient record: towards trans-institutional networks. <i>International Journal of Medical Informatics</i> , 2007 , 76, 466-70	5.3	30
65	Lessons learned implementing a regional health information exchange in Geneva as a pilot for the Swiss national eHealth strategy. <i>International Journal of Medical Informatics</i> , 2013 , 82, e118-24	5.3	27
64	Reliability of the revised Swiss Emergency Triage Scale: a computer simulation study. <i>European Journal of Emergency Medicine</i> , 2018 , 25, 264-269	2.3	23
63	SMS reminders to improve adherence and cure of tuberculosis patients in Cameroon (TB-SMS Cameroon): a randomised controlled trial. <i>BMC Public Health</i> , 2018 , 18, 583	4.1	23
62	Case-based lung image categorization and retrieval for interstitial lung diseases: clinical workflows. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2012 , 7, 97-110	3.9	22
61	Health search engine with e-document analysis for reliable search results. <i>International Journal of Medical Informatics</i> , 2006 , 75, 73-85	5.3	21
60	Comparative performance of seven long-running telemedicine networks delivering humanitarian services. <i>Journal of Telemedicine and Telecare</i> , 2012 , 18, 305-11	6.8	19
59	Aspects of three dimensional reconstruction for a multi ring positron tomograph. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1989 , 15, 741-5		17
58	Continuing distance education: a capacity-building tool for the de-isolation of care professionals and researchers. <i>Journal of General Internal Medicine</i> , 2013 , 28 Suppl 3, S666-70	4	16
57	E-Health, another mechanism to recruit and retain healthcare professionals in remote areas: lessons learned from EQUI-ResHuS project in Mali. <i>BMC Medical Informatics and Decision Making</i> , 2014 , 14, 120	3.6	16
56	Medical Visual Information Retrieval: State of the Art and Challenges Ahead 2007 ,		16
55	Health and the Internet for all. <i>International Journal of Medical Informatics</i> , 2006 , 75, 1-3	5.3	15
54	XML as standard for communicating in a document-based electronic patient record: a 3 years experiment. <i>International Journal of Medical Informatics</i> , 2003 , 70, 109-15	5.3	15
53	A Tele dermatology Pilot Programme for the Management of Skin Diseases in Primary Health Care Centres: Experiences from a Resource-Limited Country (Mali, West Africa). <i>Tropical Medicine and Infectious Disease</i> , 2018 , 3,	3.5	15
52	Confluence of disciplines in health informatics: an international perspective. <i>Methods of Information in Medicine</i> , 2011 , 50, 545-55	1.5	13

51	Nanoinformatics: developing new computing applications for nanomedicine. <i>Computing (Vienna/New York)</i> , 2012 , 94, 521-539	2.2	12
50	A decade devoted to improving online health information quality. <i>Studies in Health Technology and Informatics</i> , 2005 , 116, 891-6	0.5	11
49	Deploying portable ultrasonography with remote assistance for isolated physicians in Africa: lessons from a pilot study in Mali. <i>Studies in Health Technology and Informatics</i> , 2010 , 160, 554-8	0.5	11
48	Report of conference track 2: pathways to open architectures. <i>International Journal of Medical Informatics</i> , 2003 , 69, 297-9	5.3	10
47	Relevance and usability of a computerized patient simulator for continuous medical education of isolated care professionals in sub-saharan Africa. <i>Studies in Health Technology and Informatics</i> , 2011 , 169, 666-70	0.5	10
46	Building an enterprise-wide PACS for all diagnostic images. <i>International Congress Series</i> , 2004 , 1268, 279-284		8
45	Applications of Space Technologies to Global Health: Scoping Review. <i>Journal of Medical Internet Research</i> , 2018 , 20, e230	7.6	8
44	WRAPIN: a tool for patient empowerment within EHR. <i>Studies in Health Technology and Informatics</i> , 2007 , 129, 147-51	0.5	8
43	Developing clinical skills using a virtual patient simulator in a resource-limited setting. <i>Studies in Health Technology and Informatics</i> , 2013 , 192, 102-6	0.5	8
42	Feasibility of a clearing house for improved cooperation between telemedicine networks delivering humanitarian services: acceptability to network coordinators. <i>Global Health Action</i> , 2012 , 5, 18713	3	6
41	Clinical information systems--what is the bottom line?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 1998 , 5, 585-6	8.6	6
40	Social Incentives in Pervasive Fitness Apps for Obese and Diabetic patients 2016 ,		6
39	The digital pen and paper technology: implementation and use in an existing clinical information system. <i>Studies in Health Technology and Informatics</i> , 2005 , 116, 328-33	0.5	6
38	Telemedicine as a tool for digital medical education: a 15-year journey inside the RAFT network. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1434, 333-341	6.5	5
37	Consensus standards for introductory e-learning courses in human participants research ethics. <i>Journal of Medical Ethics</i> , 2014 , 40, 426-8	2.5	5
36	eHealth: easing translation in health care. <i>Swiss Medical Weekly</i> , 2012 , 142, w13599	3.1	5
35	The safe handling of chemotherapy drugs in low- and middle-income countries: An overview of practices. <i>Journal of Oncology Pharmacy Practice</i> , 2021 , 1078155221995539	1.7	5
34	Hospital-to-Home Transition for Older Patients: Using Serious Games to Improve the Motivation for Rehabilitation – Qualitative Study. <i>Journal of Population Ageing</i> , 2020 , 13, 187-205	1.2	4

33	Implementing a new ADT based on the HL7 version 3 RIM. <i>International Journal of Medical Informatics</i> , 2007 , 76, 190-4	5.3	4
32	Unravelling the knowledge, beliefs, behaviours and concerns of Persons with Haemophilia and their carriers in Senegal. <i>Haemophilia</i> , 2020 , 26, 840-846	3.3	4
31	Design of a patient-centered, multi-institutional healthcare information network using peer-to-peer communication in a highly distributed architecture. <i>Studies in Health Technology and Informatics</i> , 2004 , 107, 1048-52	0.5	4
30	Discussion of "Biomedical informatics: we are what we publish". <i>Methods of Information in Medicine</i> , 2013 , 52, 547-62	1.5	4
29	Acceptance and cognitive load in a clinical setting of a novel device allowing natural real-time data acquisition. <i>International Journal of Medical Informatics</i> , 2007 , 76, 850-5	5.3	3
28	Establishing an evidence base for e-health: a call for papers. <i>Bulletin of the World Health Organization</i> , 2011 , 89, 394-394	8.2	3
27	Cyto-SAT: A self-assessment tool for the safe handling of cytotoxic drugs adapted for use in low- and middle-income countries. <i>Journal of Oncology Pharmacy Practice</i> , 2021 , 27, 1422-1431	1.7	3
26	PACS for Bhutan: a cost effective open source architecture for emerging countries. <i>Insights Into Imaging</i> , 2016 , 7, 747-53	5.6	3
25	Systematic review to identify proxy indicators to quantify the impact of eHealth tools on maternal and neonatal health outcomes in low-income and middle-income countries including Delphi consensus. <i>BMJ Open</i> , 2018 , 8, e022262	3	3
24	Improving Primary Care Medication Processes by Using Shared Electronic Medication Plans in Switzerland: Lessons Learned From a Participatory Action Research Study. <i>JMIR Formative Research</i> , 2021 , 5, e22319	2.5	3
23	KnowARC: enabling Grid networks for the biomedical research community. <i>Studies in Health Technology and Informatics</i> , 2007 , 126, 261-8	0.5	3
22	Reconciliation of ontology and terminology to cope with linguistics. <i>Studies in Health Technology and Informatics</i> , 2007 , 129, 796-801	0.5	3
21	Closing the loop: bringing decision support clinical data at the clinician desktop. <i>Studies in Health Technology and Informatics</i> , 2007 , 129, 890-4	0.5	3
20	Using medline queries to generate image retrieval tasks for benchmarking. <i>Studies in Health Technology and Informatics</i> , 2008 , 136, 523-8	0.5	3
19	Design and implementation of a shared treatment plan in a federated health information exchange. <i>Studies in Health Technology and Informatics</i> , 2013 , 192, 1090	0.5	3
18	Using discourse analysis to improve text categorization in MEDLINE. <i>Studies in Health Technology and Informatics</i> , 2007 , 129, 710-5	0.5	2
17	Securing chemotherapies: fabrication, prescription, administration and complete traceability. <i>Studies in Health Technology and Informatics</i> , 2007 , 129, 953-7	0.5	2
16	Learning From eHealth Implementations Through "Implementomics": A Multidimensional Annotation Model Applied to eHealth Projects of the RAFT Network. <i>Frontiers in Public Health</i> , 2019 , 7, 188	6	1

15	Revealing triage behaviour patterns in ER using a new technology for handwritten data acquisition. <i>International Journal of Medical Informatics</i> , 2009 , 78, 579-87	5.3	1
14	Development and Evaluation of an e-Learning Module for Low- and Middle-Income Countries on the Safe Handling of Chemotherapy Drugs. <i>Journal of Cancer Education</i> , 2021 , 1	1.8	1
13	Peer Influence on the Engagement of Fitness Tracker Usage: A Diabetic and Obesity Study 2016 ,		1
12	SVM Modeling via a Hybrid Genetic Strategy. A Health Care Application. <i>Studies in Health Technology and Informatics</i> , 2005 , 116, 193-8	0.5	1
11	Desiderata for representing anatomical knowledge. <i>Studies in Health Technology and Informatics</i> , 2005 , 116, 653-8	0.5	1
10	Virtual patient simulation: a comparison of two approaches for capacity building in Sub-Saharan Africa. <i>Studies in Health Technology and Informatics</i> , 2012 , 180, 978-82	0.5	1
9	Study of the impact of a telemedicine service in improving pre-hospital care and referrals to a tertiary care university hospital in Nepal.. <i>Journal of Family Medicine and Primary Care</i> , 2021 , 10, 4531-4535	1.5	0
8	Building man-man-machine synergies: experiences from the Vanderbilt and Geneva clinical information systems. <i>International Journal of Medical Informatics</i> , 2003 , 69, 127-33	5.3	
7	Implementation, effectiveness and monitoring of telemedicine program in Bhutanese refugees camp in Eastern Nepal.. <i>Journal of Family Medicine and Primary Care</i> , 2022 , 11, 256-259	1.5	
6	Development and Proof of Concept of an Audit Toolkit for the Safe Handling of Cytotoxic Drugs in Low- and Middle-Income Countries. <i>JCO Global Oncology</i> , 2021 , 7, 1480-1489	3.7	
5	Informatics Education in Sub-Saharan Africa 2020 , 197-209		
4	Lung CT Analysis and Retrieval as a Diagnostic Aid. <i>Studies in Health Technology and Informatics</i> , 2005 , 116, 453-8	0.5	
3	Extracting key sentences with latent argumentative structuring. <i>Studies in Health Technology and Informatics</i> , 2005 , 116, 835-40	0.5	
2	Coupling ontology driven semantic representation with multilingual natural language generation for tuning international terminologies. <i>Studies in Health Technology and Informatics</i> , 2007 , 129, 555-9	0.5	
1	KidsETransplant: a platform for liver-transplanted children. <i>Studies in Health Technology and Informatics</i> , 2013 , 192, 1226	0.5	