

John Fox

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.

78
papers

1,995
citations

20
h-index

43
g-index

81
ext. papers

2,266
ext. citations

3.3
avg, IF

4.79
L-index

#	Paper	IF	Citations
78	Comparing computer-interpretable guideline models: a case-study approach. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2003 , 10, 52-68	8.6	340
77	Disseminating medical knowledge: the PROforma approach. <i>Artificial Intelligence in Medicine</i> , 1998 , 14, 157-81	7.4	201
76	The syntax and semantics of the PROforma guideline modeling language. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2003 , 10, 433-43	8.6	178
75	A LOGIC OF ARGUMENTATION FOR REASONING UNDER UNCERTAINTY. <i>Computational Intelligence</i> , 1995 , 11, 113-131	2.5	174
74	Artificial intelligence-enabled healthcare delivery. <i>Journal of the Royal Society of Medicine</i> , 2019 , 112, 22-28	2.3	109
73	AGENT-BASED APPROACH TO HEALTH CARE MANAGEMENT. <i>Applied Artificial Intelligence</i> , 1995 , 9, 401-420	4.3	78
72	Probability, logic and the cognitive foundations of rational belief. <i>Journal of Applied Logic</i> , 2003 , 1, 197-224		72
71	PROforma: a general technology for clinical decision support systems. <i>Computer Methods and Programs in Biomedicine</i> , 1997 , 54, 59-67	6.9	68
70	Making decisions under the influence of memory.. <i>Psychological Review</i> , 1980 , 87, 190-211	6.3	54
69	Delivering clinical decision support services: there is nothing as practical as a good theory. <i>Journal of Biomedical Informatics</i> , 2010 , 43, 831-43	10.2	47
68	. <i>IEEE Intelligent Systems</i> , 2007 , 22, 34-41	4.2	44
67	Using computerised decision support to improve compliance of cancer multidisciplinary meetings with evidence-based guidance. <i>BMJ Open</i> , 2012 , 2,	3	36
66	Dialectic reasoning with inconsistent information 1993 , 114-121		33
65	Logic engineering for knowledge engineering: design and implementation of the Oxford System of Medicine. <i>Artificial Intelligence in Medicine</i> , 1990 , 2, 323-339	7.4	29
64	LISA: a web-based decision-support system for trial management of childhood acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2005 , 129, 746-54	4.5	28
63	An ontological approach to modelling tasks and goals. <i>Computers in Biology and Medicine</i> , 2006 , 36, 837-56		27
62	From practice guidelines to clinical decision support: closing the loop. <i>Journal of the Royal Society of Medicine</i> , 2009 , 102, 464-73	2.3	26

61	The development and evaluation of CADMIUM: a prototype system to assist in the interpretation of mammograms. <i>Medical Image Analysis</i> , 1999 , 3, 321-37	15.4	26
60	Arguing about beliefs and actions. <i>Lecture Notes in Computer Science</i> , 1998 , 266-302	0.9	24
59	Argumentation as a General Framework for Uncertain Reasoning 1993 , 428-434		23
58	COGENT: A visual design environment for cognitive modeling. <i>Behavior Research Methods</i> , 1998 , 30, 553-564		20
57	On the soundness and safety of expert systems. <i>Artificial Intelligence in Medicine</i> , 1993 , 5, 159-79	7.4	19
56	Formal and knowledge-based methods in decision technology. <i>Acta Psychologica</i> , 1984 , 56, 303-331	1.7	18
55	A Computer-Interpretable Version of the AACE, AME, ETA Medical Guidelines for Clinical Practice for the Diagnosis and Management of Thyroid Nodules. <i>Endocrine Practice</i> , 2014 , 20, 352-9	3.2	17
54	Three Arguments for Extending the Framework of Probability. <i>Machine Intelligence and Pattern Recognition</i> , 1986 , 4, 447-458		15
53	A unified framework for hypothetical and practical reasoning (2): Lessons from medical applications. <i>Lecture Notes in Computer Science</i> , 1996 , 73-92	0.9	15
52	A canonical theory of dynamic decision-making. <i>Frontiers in Psychology</i> , 2013 , 4, 150	3.4	14
51	Capturing expert knowledge with argumentation: a case study in bioinformatics. <i>Bioinformatics</i> , 2006 , 22, 924-33	7.2	14
50	Cognitive systems at the point of care: The CREDO program. <i>Journal of Biomedical Informatics</i> , 2017 , 68, 83-95	10.2	13
49	An agent architecture for distributed medical care. <i>Lecture Notes in Computer Science</i> , 1995 , 219-232	0.9	13
48	OpenClinical.net: A platform for creating and sharing knowledge and promoting best practice in healthcare. <i>Computers in Industry</i> , 2015 , 66, 63-72	11.6	11
47	A formal approach to the analysis of clinical computer-interpretable guideline modeling languages. <i>Artificial Intelligence in Medicine</i> , 2012 , 54, 1-13	7.4	11
46	Bandwidth reduction in gigabit ethernet transmission over multimode fiber and recovery through laser transmitter mode conditioning. <i>Optical Engineering</i> , 1998 , 37, 3156	1.1	11
45	AI Planning Technology as a Component of Computerised Clinical Practice Guidelines. <i>Lecture Notes in Computer Science</i> , 2005 , 171-180	0.9	11
44	From guidelines to careflows: modelling and supporting complex clinical processes. <i>Studies in Health Technology and Informatics</i> , 2008 , 139, 44-62	0.5	11

43	A model for integrating image processing into decision aids for diagnostic radiology. <i>Artificial Intelligence in Medicine</i> , 1997 , 9, 205-25	7.4	10
42	. <i>IEEE Intelligent Systems</i> , 2006 , 21, 21-28	4.2	10
41	Quantitative and Qualitative Approaches to Reasoning Under Uncertainty in Medical Decision Making. <i>Lecture Notes in Computer Science</i> , 2001 , 272-282	0.9	10
40	Qualitative frameworks for decision support: lessons from medicine. <i>Knowledge Engineering Review</i> , 1992 , 7, 19-33	2.1	10
39	A short account of Knowledge Engineering. <i>Knowledge Engineering Review</i> , 1984 , 1, 4-14	2.1	10
38	Medical computing and the user. <i>International Journal of Man-Machine Studies</i> , 1977 , 9, 669-686		9
37	Arguing about the Evidence: a Logical Approach 2011 ,		8
36	A symbolic theory of decision-making applied to several medical tasks. <i>Lecture Notes in Medical Informatics</i> , 1989 , 62-71		8
35	Development of a Clinical Decision Support System for Living Kidney Donor Assessment Based on National Guidelines. <i>Transplantation</i> , 2018 , 102, e447-e453	1.8	8
34	Clinical decision support systems: a discussion of quality, safety and legal liability issues 2002 , 265-9		7
33	Argumentation and decision making: A position paper. <i>Lecture Notes in Computer Science</i> , 1996 , 705-709	0.9	7
32	Argumentation and Decision Making in Professional Practice. <i>Theory Into Practice</i> , 2016 , 55, 332-341	1.6	6
31	Interactive decision support for risk management: a qualitative evaluation in cancer genetic counselling sessions. <i>Journal of Cancer Education</i> , 2010 , 25, 312-6	1.8	6
30	Qualitative risk assessment fulfils a need. <i>Lecture Notes in Computer Science</i> , 1998 , 138-156	0.9	6
29	Knowledge based interpretation of images: a biomedical perspective. <i>Knowledge Engineering Review</i> , 1987 , 2, 249-264	2.1	5
28	An Agent-Oriented Approach to Support Multidisciplinary Care Decisions 2013 ,		4
27	Formalizing knowledge and expertise: where have we been and where are we going?. <i>Knowledge Engineering Review</i> , 2011 , 26, 5-10	2.1	4
26	Symbolic Decision Theory and Autonomous Systems 1991 , 103-110		4

25	The development of a "Logic of Argumentation" <i>Lecture Notes in Computer Science, 1993</i> , 109-118	0.9	4
24	OpenClinical.net: Artificial intelligence and knowledge engineering at the point of care. <i>BMJ Health and Care Informatics, 2020</i> , 27,	2.6	3
23	Goal-Based Decisions for Dynamic Planning. <i>Lecture Notes in Computer Science, 2009</i> , 96-100	0.9	2
22	Protocols for medical procedures and therapies: A provisional description of the PROforma language and tools. <i>Lecture Notes in Computer Science, 1997</i> , 19-38	0.9	2
21	Computerised Advice on Drug Dosage Decisions in Childhood Leukaemia: A Method and a Safety Strategy. <i>Lecture Notes in Computer Science, 2003</i> , 158-162	0.9	2
20	Enhancing Conventional Web Content with Intelligent Knowledge Processing. <i>Lecture Notes in Computer Science, 2003</i> , 142-151	0.9	2
19	Challenges in Delivering Decision Support Systems: The MATE Experience. <i>Lecture Notes in Computer Science, 2010</i> , 124-140	0.9	2
18	Artificial cognitive systems: Where does argumentation fit in?. <i>Behavioral and Brain Sciences, 2011</i> , 34, 78-79	0.9	1
17	Incorporating Image Processing in a Clinical Decision support system. <i>Lecture Notes in Computer Science, 2001</i> , 134-140	0.9	1
16	Designing Safety into Medical Decisions and Clinical Processes. <i>Lecture Notes in Computer Science, 2001</i> , 1-13	0.9	1
15	A Distributed Decision Support Architecture for the Diagnosis and Treatment of Breast Cancer. <i>Lecture Notes in Computer Science, 2016</i> , 9-21	0.9	1
14	Knowledge Based Interpretation of Medical Images 1988 , 241-266		1
13	Evaluation of a Decision Aid for the Classification of Microcalcifications. <i>Computational Imaging and Vision, 1998</i> , 237-244		1
12	Specialty Fiber Optic Cables 2002 , 89-133		1
11	Rapid translation of clinical guidelines into executable knowledge: a case study of COVID-19 and on-line demonstration. <i>Learning Health Systems, 2020</i> , 5, e10236	3	1
10	Open-Source Publishing of Medical Knowledge for Creation of Computer-Interpretable Guidelines. <i>Lecture Notes in Computer Science, 2005</i> , 156-160	0.9	1
9	Specialty Fiber-Optic Cables 2008 , 63-85		
8	7 Knowledge, arguments, and intentions in clinical decision-making. <i>Studies in Multidisciplinarity, 2005</i> , 103-129		

- 7 CADMIUM II: combining image processing and symbolic reasoning for computer-aided diagnosis
2000, 3979, 1008
- 6 Guardian agents: a role for artificial intelligence in safety-critical systems? **2000**, 153-164
- 5 Introduction: Agents in Health Care **2003**, 1-2
- 4 An extended logic language for representing belief. *Lecture Notes in Computer Science*, **1991**, 63-69 0.9
- 3 Logic engineering and clinical dilemmas. *Lecture Notes in Computer Science*, **1992**, 100-108 0.9
- 2 Decision Making and Planning by Autonomous Agents; A Generic Architecture for Safety-Critical Applications **1997**, 122-134
- 1 Expert Systems and the Concept of Knowledge **1984**, 593-609