John Fox

List of Publications by Year in Descending Order

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	OpenClinical.net: Artificial intelligence and knowledge engineering at the point of care. *BMJ Health and Care Informatics*, **2020**, 27,	2.6	3
77	Rapid translation of clinical guidelines into executable knowledge: a case study of COVID-19 and on-line demonstration. *Learning Health Systems*, **2020**, 5, e10236	3	1
76	Artificial intelligence-enabled healthcare delivery. *Journal of the Royal Society of Medicine*, **2019**, 112, 22-28	2.3	109
75	Development of a Clinical Decision Support System for Living Kidney Donor Assessment Based on National Guidelines. *Transplantation*, **2018**, 102, e447-e453	1.8	8
74	Cognitive systems at the point of care: The CREDO program. *Journal of Biomedical Informatics*, **2017**, 68, 83-95	10.2	13
73	Argumentation and Decision Making in Professional Practice. *Theory Into Practice*, **2016**, 55, 332-341	1.6	6
72	A Distributed Decision Support Architecture for the Diagnosis and Treatment of Breast Cancer. *Lecture Notes in Computer Science*, **2016**, 9-21	0.9	1
71	OpenClinical.net: A platform for creating and sharing knowledge and promoting best practice in healthcare. *Computers in Industry*, **2015**, 66, 63-72	11.6	11
70	A Computer-Interpretable Version of the AACE, AME, ETA Medical Guidelines for Clinical Practice for the Diagnosis and Management of Thyroid Nodules. *Endocrine Practice*, **2014**, 20, 352-9	3.2	17
69	An Agent-Oriented Approach to Support Multidisciplinary Care Decisions **2013**,		4
68	A canonical theory of dynamic decision-making. *Frontiers in Psychology*, **2013**, 4, 150	3.4	14
67	A formal approach to the analysis of clinical computer-interpretable guideline modeling languages. *Artificial Intelligence in Medicine*, **2012**, 54, 1-13	7.4	11
66	Using computerised decision support to improve compliance of cancer multidisciplinary meetings with evidence-based guidance. *BMJ Open*, **2012**, 2,	3	36
65	Formalizing knowledge and expertise: where have we been and where are we going?. *Knowledge Engineering Review*, **2011**, 26, 5-10	2.1	4
64	Artificial cognitive systems: Where does argumentation fit in?. *Behavioral and Brain Sciences*, **2011**, 34, 78-79	0.9	1
63	Arguing about the Evidence: a Logical Approach **2011**,		8
62	Interactive decision support for risk management: a qualitative evaluation in cancer genetic counselling sessions. *Journal of Cancer Education*, **2010**, 25, 312-6	1.8	6

61	Delivering clinical decision support services: there is nothing as practical as a good theory. *Journal of Biomedical Informatics*, **2010**, 43, 831-43	10.2	47
60	Challenges in Delivering Decision Support Systems: The MATE Experience. *Lecture Notes in Computer Science*, **2010**, 124-140	0.9	2
59	From practice guidelines to clinical decision support: closing the loop. *Journal of the Royal Society of Medicine*, **2009**, 102, 464-73	2.3	26
58	Goal-Based Decisions for Dynamic Planning. *Lecture Notes in Computer Science*, **2009**, 96-100	0.9	2
57	Specialty Fiber-Optic Cables **2008**, 63-85		
56	From guidelines to careflows: modelling and supporting complex clinical processes. *Studies in Health Technology and Informatics*, **2008**, 139, 44-62	0.5	11
55	. *IEEE Intelligent Systems*, **2007**, 22, 34-41	4.2	44
54	Capturing expert knowledge with argumentation: a case study in bioinformatics. *Bioinformatics*, **2006**, 22, 924-33	7.2	14
53	. *IEEE Intelligent Systems*, **2006**, 21, 21-28	4.2	10
52	An ontological approach to modelling tasks and goals. *Computers in Biology and Medicine*, **2006**, 36, 837-56		27
51	LISA: a web-based decision-support system for trial management of childhood acute lymphoblastic leukaemia. *British Journal of Haematology*, **2005**, 129, 746-54	4.5	28
50	7 Knowledge, arguments, and intentions in clinical decision-making. *Studies in Multidisciplinarity*, **2005**, 103-129		
49	Open-Source Publishing of Medical Knowledge for Creation of Computer-Interpretable Guidelines. *Lecture Notes in Computer Science*, **2005**, 156-160	0.9	1
48	AI Planning Technology as a Component of Computerised Clinical Practice Guidelines. *Lecture Notes in Computer Science*, **2005**, 171-180	0.9	11
47	The syntax and semantics of the PROforma guideline modeling language. *Journal of the American Medical Informatics Association: JAMIA*, **2003**, 10, 433-43	8.6	178
46	Probability, logic and the cognitive foundations of rational belief. *Journal of Applied Logic*, **2003**, 1, 197-224		72
45	Comparing computer-interpretable guideline models: a case-study approach. *Journal of the American Medical Informatics Association: JAMIA*, **2003**, 10, 52-68	8.6	340
44	Computerised Advice on Drug Dosage Decisions in Childhood Leukaemia: A Method and a Safety Strategy. *Lecture Notes in Computer Science*, **2003**, 158-162	0.9	2

43	Introduction: Agents in Health Care **2003**, 1-2		
42	Enhancing Conventional Web Content with Intelligent Knowledge Processing. *Lecture Notes in Computer Science*, **2003**, 142-151	0.9	2
41	Clinical decision support systems: a discussion of quality, safety and legal liability issues **2002**, 265-9		7
40	Specialty Fiber Optic Cables **2002**, 89-133		1
39	Quantitative and Qualitative Approaches to Reasoning Under Uncertainty in Medical Decision Making. *Lecture Notes in Computer Science*, **2001**, 272-282	0.9	10
38	Incorporating Image Processing in a Clinical Decision support system. *Lecture Notes in Computer Science*, **2001**, 134-140	0.9	1
37	Designing Safety into Medical Decisions and Clinical Processes. *Lecture Notes in Computer Science*, **2001**, 1-13	0.9	1
36	CADMIUM II: combining image processing and symbolic reasoning for computer-aided diagnosis **2000**, 3979, 1008		
35	Guardian agents: a role for artificial intelligence in safety-critical systems? **2000**, 153-164		
34	The development and evaluation of CADMIUM: a prototype system to assist in the interpretation of mammograms. *Medical Image Analysis*, **1999**, 3, 321-37	15.4	26
33	COGENT: A visual design environment for cognitive modeling. *Behavior Research Methods*, **1998**, 30, 553-564		20
32	Disseminating medical knowledge: the PROforma approach. *Artificial Intelligence in Medicine*, **1998**, 14, 157-81	7.4	201
31	Bandwidth reduction in gigabit ethernet transmission over multimode fiber and recovery through laser transmitter mode conditioning. *Optical Engineering*, **1998**, 37, 3156	1.1	11
30	Evaluation of a Decision Aid for the Classification of Microcalcifictions. *Computational Imaging and Vision*, **1998**, 237-244		1
29	Arguing about beliefs and actions. *Lecture Notes in Computer Science*, **1998**, 266-302	0.9	24
28	Qualitative risk assessment fulfils a need. *Lecture Notes in Computer Science*, **1998**, 138-156	0.9	6
27	Protocols for medical procedures and therapies: A provisional description of the PROforma language and tools. *Lecture Notes in Computer Science*, **1997**, 19-38	0.9	2
26	A model for integrating image processing into decision aids for diagnostic radiology. *Artificial Intelligence in Medicine*, **1997**, 9, 205-25	7.4	10

25	PROforma: a general technology for clinical decision support systems. *Computer Methods and Programs in Biomedicine*, **1997**, 54, 59-67	6.9	68
24	Decision Making and Planning by Autonomous Agents; A Generic Architecture for Safety-Critical Applications **1997**, 122-134		
23	Argumentation and decision making: A position paper. *Lecture Notes in Computer Science*, **1996**, 705-709	0.9	7
22	A unified framework for hypothetical and practical reasoning (2): Lessons from medical applications. *Lecture Notes in Computer Science*, **1996**, 73-92	0.9	15
21	A LOGIC OF ARGUMENTATION FOR REASONING UNDER UNCERTAINTY. *Computational Intelligence*, **1995**, 11, 113-131	2.5	174
20	AGENT-BASED APPROACH TO HEALTH CARE MANAGEMENT. *Applied Artificial Intelligence*, **1995**, 9, 401-420	2.0	78
19	An agent architecture for distributed medical care. *Lecture Notes in Computer Science*, **1995**, 219-232	0.9	13
18	On the soundness and safety of expert systems. *Artificial Intelligence in Medicine*, **1993**, 5, 159-79	7.4	19
17	Dialectic reasoning with inconsistent information **1993**, 114-121		33
16	Argumentation as a General Framework for Uncertain Reasoning **1993**, 428-434		23
15	The development of a logic of Argumentation *Lecture Notes in Computer Science*, **1993**, 109-118	0.9	4
14	Qualitative frameworks for decision support: lessons from medicine. *Knowledge Engineering Review* , **1992**, 7, 19-33	2.1	10
13	Logic engineering and clinical dilemmas. *Lecture Notes in Computer Science*, **1992**, 100-108	0.9	
12	Symbolic Decision Theory and Autonomous Systems **1991**, 103-110		4
11	An extended logic language for representing belief. *Lecture Notes in Computer Science*, **1991**, 63-69	0.9	
10	Logic engineering for knowledge engineering: design and implementation of the Oxford System of Medicine. *Artificial Intelligence in Medicine*, **1990**, 2, 323-339	7.4	29
9	A symbolic theory of decision-making applied to several medical tasks. *Lecture Notes in Medical Informatics*, **1989**, 62-71		8
8	Knowledge Based Interpretation of Medical Images **1988**, 241-266		1

7	Knowledge based interpretation of images: a biomedical perspective. *Knowledge Engineering Review*, **1987**, 2, 249-264	2.1	5
6	Three Arguments for Extending the Framework of Probability. *Machine Intelligence and Pattern Recognition*, **1986**, 4, 447-458		15
5	Formal and knowledge-based methods in decision technology. *Acta Psychologica*, **1984**, 56, 303-331	1.7	18
4	A short account of Knowledge Engineering. *Knowledge Engineering Review*, **1984**, 1, 4-14	2.1	10
3	Expert Systems and the Concept of Knowledge **1984**, 593-609		
2	Making decisions under the influence of memory.. *Psychological Review*, **1980**, 87, 190-211	6.3	54
1	Medical computing and the user. *International Journal of Man-Machine Studies*, **1977**, 9, 669-686		9