

# Mark A Musen

## List of Publications by Year in descending order

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244  
papers

14,109  
citations

36203

51  
h-index

24915

109  
g-index

260  
all docs

260  
docs citations

260  
times ranked

12687  
citing authors

#	ARTICLE	IF	CITATIONS
1	A biomedical open knowledge network harnesses the power of AI to understand deep human biology. AI Magazine, 2022, 43, 46-58.	1.4	5
2	Clinical Decision-Support Systems. , 2021, , 795-840.		50
3	An empirical meta-analysis of the life sciences linked open data on the web. Scientific Data, 2021, 8, 24.	2.4	10
4	Using ethnographic methods to classify the human experience in medicine: a case study of the presence ontology. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1900-1909.	2.2	5
5	Design of a FAIR digital data health infrastructure in Africa for COVID-19 reporting and research. Genetics & Genomics Next, 2021, 2, e10050.	0.8	27
6	FAIR Convergence Matrix: Optimizing the Reuse of Existing FAIR-Related Resources. Data Intelligence, 2020, 2, 158-170.	0.8	10
7	OrderRex clinical user testing: a randomized trial of recommender system decision support on simulated cases. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1850-1859.	2.2	12
8	A more decentralized vision for Linked Data. Semantic Web, 2020, 11, 101-113.	1.1	11
9	Obstacles to the reuse of study metadata in ClinicalTrials.gov. Scientific Data, 2020, 7, 443.	2.4	26
10	Toward a Harmonized WHO Family of International Classifications Content Model. Studies in Health Technology and Informatics, 2020, 270, 1409-1410.	0.2	3
11	Physician Usage and Acceptance of a Machine Learning Recommender System for Simulated Clinical Order Entry. AMIA Summits on Translational Science Proceedings, 2020, 2020, 89-97.	0.4	2
12	Using association rule mining and ontologies to generate metadata recommendations from multiple biomedical databases. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	18
13	HopRank: How Semantic Structure Influences Teleportation in PageRank (A Case Study on BioPortal). , 2019, , .		3
14	WebProt@G@: A Cloud-Based Ontology Editor. , 2019, , .		17
15	The variable quality of metadata about biological samples used in biomedical experiments. Scientific Data, 2019, 6, 190021.	2.4	58
16	Enabling Web-scale data integration in biomedicine through Linked Open Data. Npj Digital Medicine, 2019, 2, 90.	5.7	19
17	Making Data FAIR Requires More than Just Principles: We Need Knowledge Technologies. , 2019, , .		0
18	Use of OWL and Semantic Web Technologies at Pinterest. Lecture Notes in Computer Science, 2019, , 418-435.	1.0	9

#	ARTICLE	IF	CITATIONS
19	Unleashing the value of Common Data Elements through the CEDAR Workbench. AMIA ... Annual Symposium proceedings, 2019, 2019, 681-690.	0.2	1
20	Analyzing user interactions with biomedical ontologies: A visual perspective. Web Semantics, 2018, 49, 16-30.	2.2	5
21	CEDAR. , 2018, , .		3
22	AgroPortal: A vocabulary and ontology repository for agronomy. Computers and Electronics in Agriculture, 2018, 144, 126-143.	3.7	87
23	CEDAR OnDemand: a browser extension to generate ontology-based scientific metadata. BMC Bioinformatics, 2018, 19, 268.	1.2	10
24	The CAIRR Pipeline for Submitting Standards-Compliant B and T Cell Receptor Repertoire Sequencing Studies to the National Center for Biotechnology Information Repositories. Frontiers in Immunology, 2018, 9, 1877.	2.2	15
25	Analyzing User Interactions with Biomedical Ontologies: A Visual Perspective. SSRN Electronic Journal, 2018, , .	0.4	1
26	Interpretation of biological experiments changes with evolution of the Gene Ontology and its annotations. Scientific Reports, 2018, 8, 5115.	1.6	110
27	How Sustainable are Biomedical Ontologies?. AMIA ... Annual Symposium proceedings, 2018, 2018, 470-479.	0.2	1
28	Use of ontology structure and Bayesian models to aid the crowdsourcing of ICD-11 sanctioning rules. Journal of Biomedical Informatics, 2017, 68, 20-34.	2.5	11
29	A systematic analysis of term reuse and term overlap across biomedical ontologies. Semantic Web, 2017, 8, 853-871.	1.1	49
30	Precision annotation of digital samples in NCBI's gene expression omnibus. Scientific Data, 2017, 4, 170125.	2.4	44
31	An empirical analysis of ontology reuse in BioPortal. Journal of Biomedical Informatics, 2017, 71, 165-177.	2.5	29
32	The CEDAR Workbench: An Ontology-Assisted Environment for Authoring Metadata that Describe Scientific Experiments. Lecture Notes in Computer Science, 2017, 10588, 103-110.	1.0	21
33	PhLeGrA. , 2017, 2017, 321-329.		20
34	NCBO Ontology Recommender 2.0: an enhanced approach for biomedical ontology recommendation. Journal of Biomedical Semantics, 2017, 8, 21.	0.9	59
35	How Users Explore Ontologies on the Web. , 2017, , .		8
36	An ontology-driven tool for structured data acquisition using Web forms. Journal of Biomedical Semantics, 2017, 8, 26.	0.9	12

#	ARTICLE	IF	CITATIONS
37	BiOnIC: A Catalog of User Interactions with Biomedical Ontologies. Lecture Notes in Computer Science, 2017, 10588, 130-138.	1.0	3
38	High-Risk Drug-Drug Interactions Between Clinical Practice Guidelines for Management of Chronic Conditions. AMIA Summits on Translational Science Proceedings, 2017, 2017, 531-539.	0.4	0
39	Mechanism-based Pharmacovigilance over the Life Sciences Linked Open Data Cloud. AMIA ... Annual Symposium proceedings, 2017, 2017, 1014-1023.	0.2	1
40	Fast and Accurate Metadata Authoring Using Ontology-Based Recommendations. AMIA ... Annual Symposium proceedings, 2017, 2017, 1272-1281.	0.2	5
41	Utilizing a structural meta-ontology for family-based quality assurance of the BioPortal ontologies. Journal of Biomedical Informatics, 2016, 61, 63-76.	2.5	17
42	A unified software framework for deriving, visualizing, and exploring abstraction networks for ontologies. Journal of Biomedical Informatics, 2016, 62, 90-105.	2.5	27
43	Is the crowd better as an assistant or a replacement in ontology engineering? An exploration through the lens of the Gene Ontology. Journal of Biomedical Informatics, 2016, 60, 199-209.	2.5	10
44	Snap-SPARQL: A Java Framework for Working with SPARQL and OWL. Lecture Notes in Computer Science, 2016, , 154-165.	1.0	10
45	An Open Repository Model for Acquiring Knowledge About Scientific Experiments. Lecture Notes in Computer Science, 2016, , 762-777.	1.0	6
46	Using ontologies to model human navigation behavior in information networks: A study based on Wikipedia. Semantic Web, 2015, 6, 403-422.	1.1	19
47	Applied ontology: The next decade begins. Applied Ontology, 2015, 10, 1-4.	1.0	23
48	Ten years of Applied Ontology. Applied Ontology, 2015, 10, 169-170.	1.0	9
49	Data Breaches of Protected Health Information in the United States. JAMA - Journal of the American Medical Association, 2015, 313, 1471.	3.8	93
50	Using aggregate taxonomies to summarize SNOMED CT evolution. , 2015, , .		3
51	The protÃ©gÃ© project. AI Matters, 2015, 1, 4-12.	0.4	909
52	The center for expanded data annotation and retrieval. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1148-1152.	2.2	74
53	Analysis and Prediction of User Editing Patterns in Ontology Development Projects. Journal on Data Semantics, 2015, 4, 117-132.	2.0	6
54	Using the wisdom of the crowds to find critical errors in biomedical ontologies: a study of SNOMED CT. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 640-648.	2.2	47

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55	User Extensible System to Identify Problems in OWL Ontologies and SWRL Rules. Lecture Notes in Computer Science, 2015, , 112-126.	1.0	0
56	Helping Users Bootstrap Ontologies. , 2015, , .		2
57	How to apply Markov chains for modeling sequential edit patterns in collaborative ontology-engineering projects. International Journal of Human Computer Studies, 2015, 84, 51-66.	3.7	5
58	Understanding How Users Edit Ontologies: Comparing Hypotheses About Four Real-World Projects. Lecture Notes in Computer Science, 2015, , 551-568.	1.0	12
59	Automating Identification of Multiple Chronic Conditions in Clinical Practice Guidelines. AMIA Summits on Translational Science Proceedings, 2015, 2015, 456-60.	0.4	2
60	Investigating Term Reuse and Overlap in Biomedical Ontologies. CEUR Workshop Proceedings, 2015, 1515, .	2.3	1
61	Knowledge Representation. , 2014, , 49-79.		2
62	Clinical Decision-Support Systems. , 2014, , 643-674.		218
63	WebProtÃ©gÃ©: a collaborative Web-based platform for editing biomedical ontologies. Bioinformatics, 2014, 30, 2384-2385.	1.8	29
64	Cross-domain targeted ontology subsets for annotation: The case of SNOMED CORE and RxNorm. Journal of Biomedical Informatics, 2014, 47, 105-111.	2.5	4
65	Discovering Beaten Paths in Collaborative Ontology-Engineering Projects using Markov Chains. Journal of Biomedical Informatics, 2014, 51, 254-271.	2.5	21
66	Organizational factors affecting implementation of the ATHENA-Hypertension clinical decision support system during the VA's nation-wide information technology restructuring: a case study. Health Systems, 2014, 3, 214-234.	0.9	0
67	Investigating Collaboration Dynamics in Different Ontology Development Environments. Lecture Notes in Computer Science, 2014, , 302-313.	1.0	2
68	A Study on the Atomic Decomposition of Ontologies. Lecture Notes in Computer Science, 2014, , 65-80.	1.0	2
69	An empirically derived taxonomy of errors in SNOMED CT. AMIA ... Annual Symposium proceedings, 2014, 2014, 899-906.	0.2	4
70	The knowledge acquisition workshops: A remarkable convergence of ideas. International Journal of Human Computer Studies, 2013, 71, 195-199.	3.7	11
71	How ontologies are made: Studying the hidden social dynamics behind collaborative ontology engineering projects. Web Semantics, 2013, 20, 18-34.	2.2	21
72	Mechanical turk as an ontology engineer?. , 2013, , .		31

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73	Improving data and knowledge management to better integrate health care and research. Journal of Internal Medicine, 2013, 274, 321-328.	2.7	44
74	WebProt@G@: A collaborative ontology editor and knowledge acquisition tool for the Web. Semantic Web, 2013, 4, 89-99.	1.1	146
75	PragmatiX. International Journal on Semantic Web and Information Systems, 2013, 9, 45-78.	2.2	11
76	BioPortal as a dataset of linked biomedical ontologies and terminologies in RDF. Semantic Web, 2013, 4, 277-284.	1.1	85
77	Prot@G@ Ontology Editor. , 2013, , 1763-1765.		11
78	Analysis of User Editing Patterns in Ontology Development Projects. Lecture Notes in Computer Science, 2013, , 470-487.	1.0	13
79	Simplified OWL Ontology Editing for the Web: Is WebProt@G@ Enough?. Lecture Notes in Computer Science, 2013, , 200-215.	1.0	7
80	Using Semantic Web in ICD-11: Three Years Down the Road. Lecture Notes in Computer Science, 2013, , 195-211.	1.0	20
81	Crowdsourcing the verification of relationships in biomedical ontologies. AMIA ... Annual Symposium proceedings, 2013, 2013, 1020-9.	0.2	11
82	BioPortal as a Dataset of Linked Biomedical Ontologies and Terminologies in RDF. Semantic Web, 2013, 4, 277-284.	1.1	24
83	Chapter 9: Analyses Using Disease Ontologies. PLoS Computational Biology, 2012, 8, e1002827.	1.5	17
84	Unified Medical Language System term occurrences in clinical notes: a large-scale corpus analysis. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, e149-e156.	2.2	60
85	AMIA Board white paper: definition of biomedical informatics and specification of core competencies for graduate education in the discipline. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 931-938.	2.2	193
86	The National Center for Biomedical Ontology. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 190-195.	2.2	183
87	Proposed SKOS Extensions for BioPortal Terminology Services. Lecture Notes in Computer Science, 2012, , 342-349.	1.0	2
88	Using SPARQL to Query BioPortal Ontologies and Metadata. Lecture Notes in Computer Science, 2012, , 180-195.	1.0	21
89	Applications of ontology design patterns in biomedical ontologies. AMIA ... Annual Symposium proceedings, 2012, 2012, 643-52.	0.2	8
90	Deriving an abstraction network to support quality assurance in OCR. AMIA ... Annual Symposium proceedings, 2012, 2012, 681-9.	0.2	11

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91	Semantic infrastructure to enable collaboration in ontology development. , 2011, , .		5
92	NCBO Resource Index: Ontology-based search and mining of biomedical resources. Web Semantics, 2011, 9, 316-324.	2.2	68
93	Biomedical Informatics "A Confluence of Disciplines?. Methods of Information in Medicine, 2011, 50, 508-524.	0.7	16
94	Integration and publication of heterogeneous text-mined relationships on the Semantic Web. Journal of Biomedical Semantics, 2011, 2, S10.	0.9	31
95	How orthogonal are the OBO Foundry ontologies?. Journal of Biomedical Semantics, 2011, 2, S2.	0.9	29
96	The Biomedical Resource Ontology (BRO) to enable resource discovery in clinical and translational research. Journal of Biomedical Informatics, 2011, 44, 137-145.	2.5	50
97	Enabling enrichment analysis with the Human Disease Ontology. Journal of Biomedical Informatics, 2011, 44, S31-S38.	2.5	44
98	Empowering industrial research with shared biomedical vocabularies. Drug Discovery Today, 2011, 16, 940-947.	3.2	20
99	From mappings to modules. , 2011, , .		7
100	A knowledge base driven user interface for collaborative ontology development. , 2011, , .		8
101	SWRL-F. , 2011, , .		12
102	BioPortal: enhanced functionality via new Web services from the National Center for Biomedical Ontology to access and use ontologies in software applications. Nucleic Acids Research, 2011, 39, W541-W545.	6.5	590
103	ARGOS policy brief on semantic interoperability. Studies in Health Technology and Informatics, 2011, 170, 1-15.	0.2	9
104	Building a biomedical ontology recommender web service. Journal of Biomedical Semantics, 2010, 1, S1.	0.9	54
105	Using text to build semantic networks for pharmacogenomics. Journal of Biomedical Informatics, 2010, 43, 1009-1019.	2.5	98
106	Ontology Development for the Masses: Creating ICD-11 in WebProt@g. Lecture Notes in Computer Science, 2010, , 74-89.	1.0	21
107	An efficient approach to intelligent real-time monitoring using ontologies and Hadoop. , 2010, , .		4
108	DataStorm An Ontology-Driven Framework for Cloud-Based Data Analytic Systems. , 2010, , .		3

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109	Mapping Master: A Flexible Approach for Mapping Spreadsheets to OWL. Lecture Notes in Computer Science, 2010, , 194-208.	1.0	43
110	Will Semantic Web Technologies Work for the Development of ICD-11?. Lecture Notes in Computer Science, 2010, , 257-272.	1.0	20
111	An ontology-neutral framework for enrichment analysis. AMIA ... Annual Symposium proceedings, 2010, 2010, 797-801.	0.2	13
112	The Lexicon Builder Web service: Building Custom Lexicons from two hundred Biomedical Ontologies. AMIA ... Annual Symposium proceedings, 2010, 2010, 587-91.	0.2	10
113	The ontology life cycle: Integrated tools for editing, publishing, peer review, and evolution of ontologies. AMIA ... Annual Symposium proceedings, 2010, 2010, 552-6.	0.2	9
114	A Comprehensive Analysis of Five Million UMLS Metathesaurus Terms Using Eighteen Million MEDLINE Citations. AMIA ... Annual Symposium proceedings, 2010, 2010, 907-11.	0.2	26
115	Supporting the Collaborative Authoring of ICD-11 with WebProtÃ©gÃ©. AMIA ... Annual Symposium proceedings, 2010, 2010, 802-6.	0.2	10
116	The NCBO OBOF to OWL Mapping. Nature Precedings, 2009, , .	0.1	0
117	BioPortal: ontologies and integrated data resources at the click of a mouse. Nucleic Acids Research, 2009, 37, W170-W173.	6.5	688
118	Development of Large-Scale Functional Brain Networks in Children. PLoS Biology, 2009, 7, e1000157.	2.6	724
119	Software-engineering challenges of building and deploying reusable problem solvers. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2009, 23, 339-356.	0.7	9
120	Ontology-driven indexing of public datasets for translational bioinformatics. BMC Bioinformatics, 2009, 10, S1.	1.2	98
121	Computational neuroanatomy: ontology-based representation of neural components and connectivity. BMC Bioinformatics, 2009, 10, S3.	1.2	16
122	Comparison of concept recognizers for building the Open Biomedical Annotator. BMC Bioinformatics, 2009, 10, S14.	1.2	112
123	Un service Web pour lâ€™annotation sÃ©mantique de donnÃ©es biomÃ©dicales avec des ontologies. Informatique Et SantÃ©, 2009, , 151-162.	0.1	2
124	Ontologies for Formal Representation of Biological Systems. , 2009, , 445-461.		8
125	Traversing Ontologies to Extract Views. Lecture Notes in Computer Science, 2009, , 245-260.	1.0	12
126	Semantic Wiki Search. Lecture Notes in Computer Science, 2009, , 445-460.	1.0	30



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127	What Four Million Mappings Can Tell You about Two Hundred Ontologies. Lecture Notes in Computer Science, 2009, , 229-242.	1.0	33
128	Creating mappings for ontologies in biomedicine: simple methods work. AMIA ... Annual Symposium proceedings, 2009, 2009, 198-202.	0.2	33
129	The open biomedical annotator. Summit on Translational Bioinformatics, 2009, 2009, 56-60.	0.7	122
130	A prototype symbolic model of canonical functional neuroanatomy of the motor system. Journal of Biomedical Informatics, 2008, 41, 251-263.	2.5	8
131	Calling on a million minds for community annotation in WikiProteins. Genome Biology, 2008, 9, R89.	13.9	117
132	Understanding Detection Performance in Public Health Surveillance: Modeling Aberrancy-detection Algorithms. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 760-769.	2.2	27
133	An Ontology-Driven Framework for Deploying JADE Agent Systems. , 2008, , .		13
134	Network Analysis of Intrinsic Functional Brain Connectivity in Alzheimer's Disease. PLoS Computational Biology, 2008, 4, e1000100.	1.5	995
135	Representing the NCI Thesaurus in OWL DL: Modeling tools help modeling languages. Applied Ontology, 2008, 3, 173-190.	1.0	22
136	iTools: A Framework for Classification, Categorization and Integration of Computational Biology Resources. PLoS ONE, 2008, 3, e2265.	1.1	27
137	AAAI 2008 Spring Symposia Reports. AI Magazine, 2008, 29, 107.	1.4	0
138	A System for Ontology-Based Annotation of Biomedical Data. Lecture Notes in Computer Science, 2008, , 144-152.	1.0	22
139	A Generic Ontology for Collaborative Ontology-Development Workflows. Lecture Notes in Computer Science, 2008, , 318-328.	1.0	30
140	Supporting Collaborative Ontology Development in ProtÃ©gÃ©. Lecture Notes in Computer Science, 2008, , 17-32.	1.0	104
141	Comparison of ontology-based semantic-similarity measures. AMIA ... Annual Symposium proceedings, 2008, , 384-8.	0.2	20
142	UMLS-Query: a perl module for querying the UMLS. AMIA ... Annual Symposium proceedings, 2008, , 652-6.	0.2	5
143	Developing biomedical ontologies collaboratively. AMIA ... Annual Symposium proceedings, 2008, , 520-4.	0.2	4
144	Predicting outbreak detection in public health surveillance: quantitative analysis to enable evidence-based method selection. AMIA ... Annual Symposium proceedings, 2008, , 76-80.	0.2	13

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145	Searching ontologies based on content. , 2007, , .		10
146	OBO to OWL: a protege OWL tab to read/save OBO ontologies. Bioinformatics, 2007, 23, 1868-1870.	1.8	50
147	Annotation and query of tissue microarray data using the NCI Thesaurus. BMC Bioinformatics, 2007, 8, 296.	1.2	26
148	Using semantic dependencies for consistency management of an ontology of brainâ€“cortex anatomy. Artificial Intelligence in Medicine, 2007, 39, 217-225.	3.8	4
149	The SAGE Guideline Model: Achievements and Overview. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 589-598.	2.2	165
150	ProtÃ©gÃ©: A Tool for Managing and Using Terminology in Radiology Applications. Journal of Digital Imaging, 2007, 20, 34-46.	1.6	71
151	Using Semantic Web Technologies for Knowledge-Driven Querying of Biomedical Data. Lecture Notes in Computer Science, 2007, , 267-276.	1.0	15
152	Document-Oriented Views of Guideline Knowledge Bases. Lecture Notes in Computer Science, 2007, , 431-440.	1.0	1
153	Querying the Semantic Web with SWRL. , 2007, , 155-159.		20
154	Interpretation errors related to the GO annotation file format. AMIA ... Annual Symposium proceedings, 2007, , 538-42.	0.2	2
155	Technology for building intelligent systems: from psychology to engineering. Nebraska Symposium on Motivation, 2007, 52, 145-84.	0.9	1
156	Knowledge Zone: a public repository of peer-reviewed biomedical ontologies. Studies in Health Technology and Informatics, 2007, 129, 812-6.	0.2	3
157	Evaluating Detection of an Inhalational Anthrax Outbreak. Emerging Infectious Diseases, 2006, 12, 1942-1949.	2.0	36
158	Wrestling with SUMO and bio-ontologies. Nature Biotechnology, 2006, 24, 21-21.	9.4	8
159	Using ontologies linked with geometric models to reason about penetrating injuries. Artificial Intelligence in Medicine, 2006, 37, 167-176.	3.8	30
160	National Center for Biomedical Ontology: Advancing Biomedicine through Structured Organization of Scientific Knowledge. OMICS A Journal of Integrative Biology, 2006, 10, 185-198.	1.0	149
161	Ontology-based annotation and query of tissue microarray data. AMIA ... Annual Symposium proceedings, 2006, , 709-13.	0.2	19
162	Ontology-based representation of simulation models of physiology. AMIA ... Annual Symposium proceedings, 2006, , 664-8.	0.2	5

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163	Use of declarative statements in creating and maintaining computer-interpretable knowledge bases for guideline-based care. AMIA ... Annual Symposium proceedings, 2006, , 784-8.	0.2	3
164	EZPAL: Environment for composing constraint axioms by instantiating templates. International Journal of Human Computer Studies, 2005, 62, 578-596.	3.7	6
165	Protégé: Community is Everything. International Journal of Human Computer Studies, 2005, 62, 545-552.	3.7	6
166	Use of description logic classification to reason about consequences of penetrating injuries. AMIA ... Annual Symposium proceedings, 2005, , 649-53.	0.2	5
167	Challenges in converting frame-based ontology into OWL: the Foundational Model of Anatomy case-study. AMIA ... Annual Symposium proceedings, 2005, , 181-5.	0.2	11
168	Using an ontology of human anatomy to inform reasoning with geometric models. Studies in Health Technology and Informatics, 2005, 111, 429-35.	0.2	7
169	The Protégé OWL Plugin: An Open Development Environment for Semantic Web Applications. Lecture Notes in Computer Science, 2004, , 229-243.	1.0	484
170	Translating Research into Practice: Organizational Issues in Implementing Automated Decision Support for Hypertension in Three Medical Centers. Journal of the American Medical Informatics Association: JAMIA, 2004, 11, 368-376.	2.2	84
171	Pushing the envelope: challenges in a frame-based representation of human anatomy. Data and Knowledge Engineering, 2004, 48, 335-359.	2.1	54
172	Linking Ontologies with Three-Dimensional Models of Anatomy to Predict the Effects of Penetrating Injuries. , 2004, 2004, 3128-31.		5
173	Ontologies in Support of Problem Solving. , 2004, , 321-341.		35
174	Tracking Changes During Ontology Evolution. Lecture Notes in Computer Science, 2004, , 259-273.	1.0	58
175	Specifying Ontology Views by Traversal. Lecture Notes in Computer Science, 2004, , 713-725.	1.0	100
176	Modeling guidelines for integration into clinical workflow. Studies in Health Technology and Informatics, 2004, 107, 174-8.	0.2	20
177	The Unified Problem-Solving Method Development Language UPML. Knowledge and Information Systems, 2003, 5, 83-131.	2.1	57
178	The PROMPT suite: interactive tools for ontology merging and mapping. International Journal of Human Computer Studies, 2003, 59, 983-1024.	3.7	502
179	The evolution of Protégé: an environment for knowledge-based systems development. International Journal of Human Computer Studies, 2003, 58, 89-123.	3.7	765
180	Contextualizing heterogeneous data for integration and inference. AMIA ... Annual Symposium proceedings, 2003, , 514-8.	0.2	3

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181	An analytic framework fo space-time aberrancy detection in public health surveillance data. AMIA ... Annual Symposium proceedings, 2003, , 120-4.	0.2	3
182	The structure of guideline recommendations: a synthesis. AMIA ... Annual Symposium proceedings, 2003, , 679-83.	0.2	3
183	ProtÃ©gÃ©-2000: an open-source ontology-development and knowledge-acquisition environment. AMIA ... Annual Symposium proceedings, 2003, , 953.	0.2	47
184	SHriMP views. , 2002, , .		30
185	Jambalaya. , 2002, , .		42
186	A Template-Based Approach Toward Acquisition of Logical Sentences. IFIP Advances in Information and Communication Technology, 2002, , 77-89.	0.5	7
187	Configuring Online Problem-Solving Resources with the Internet Reasoning Service. IFIP Advances in Information and Communication Technology, 2002, , 91-102.	0.5	4
188	Knowledge-based bioterrorism surveillance. Proceedings, 2002, , 76-80.	0.6	7
189	Mappings for Reuse in Knowledge-based Systems. , 2001, , 349-363.		14
190	Integration and Beyond: Linking Information from Disparate Sources and into Workflow. Journal of the American Medical Informatics Association: JAMIA, 2000, 7, 135-145.	2.2	108
191	Integration and Beyond: Panel Discussion. Journal of the American Medical Informatics Association: JAMIA, 2000, 7, 146-148.	2.2	2
192	The Knowledge Model of ProtÃ©gÃ©-2000: Combining Interoperability and Flexibility. Lecture Notes in Computer Science, 2000, , 17-32.	1.0	287
193	A Case Study in Using ProtÃ©gÃ©-2000 as a Tool for CommonKADS. Lecture Notes in Computer Science, 2000, , 33-48.	1.0	28
194	Semi-automated Entry of Clinical Temporal-abstraction Knowledge. Journal of the American Medical Informatics Association: JAMIA, 1999, 6, 494-511.	2.2	30
195	Title is missing!. Journal of Intelligent Information Systems, 1999, 13, 121-145.	2.8	27
196	Representation of change in controlled medical terminologies. Artificial Intelligence in Medicine, 1999, 15, 53-76.	3.8	53
197	Use of a domain model to drive an interactive knowledge-editing tool. International Journal of Human Computer Studies, 1999, 51, 479-495.	3.7	3
198	Reuse, CORBA, and knowledge-based systems. International Journal of Human Computer Studies, 1998, 49, 523-546.	3.7	14

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199	How Should We Organize to Do Informatics?: Report of the ACMI Debate at the 1997 AMIA Fall Symposium. Journal of the American Medical Informatics Association: JAMIA, 1998, 5, 293-304.	2.2	10
200	Modular Neural Networks for Medical Prognosis: Quantifying the Benefits of Combining Neural Networks for Survival Prediction. Connection Science, 1997, 9, 71-86.	1.8	24
201	Sequential versus standard neural networks for pattern recognition: An example using the domain of coronary heart disease. Computers in Biology and Medicine, 1997, 27, 267-281.	3.9	20
202	Knowledge-based temporal abstraction in clinical domains. Artificial Intelligence in Medicine, 1996, 8, 267-298.	3.8	237
203	Reusable ontologies, knowledge-acquisition tools, and performance systems: PROTÁ%GÃ%II solutions to Sisyphus-2. International Journal of Human Computer Studies, 1996, 44, 303-332.	3.7	33
204	EON: A Component-Based Approach to Automation of Protocol-Directed Therapy. Journal of the American Medical Informatics Association: JAMIA, 1996, 3, 367-388.	2.2	241
205	Reuse with PROTÁ%GÃ%II. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 1995, 20, 72-80.	0.5	1
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