

Udo Hahn

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,195
citations

430874

18
h-index

414414

32
g-index

57
all docs

57
docs citations

57
times ranked

1081
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance gene name normalization with GENO. <i>Bioinformatics</i> , 2009, 25, 815-821.	4.1	146
2	medSynDiKATeâ€”a natural language system for the extraction of medical information from findings reports. <i>International Journal of Medical Informatics</i> , 2002, 67, 63-74.	3.3	84
3	CALBC SILVER STANDARD CORPUS. <i>Journal of Bioinformatics and Computational Biology</i> , 2010, 08, 163-179.	0.8	79
4	Text mining for biology - the way forward: opinions from leading scientists. <i>Genome Biology</i> , 2008, 9, S7.	9.6	74
5	BioTop: An upper domain ontology for the life sciences. <i>Applied Ontology</i> , 2008, 3, 205-212.	2.0	74
6	Medical Information Extraction in the Age of Deep Learning. <i>Yearbook of Medical Informatics</i> , 2020, 29, 208-220.	1.0	46
7	Part-whole representation and reasoning in formal biomedical ontologies. <i>Artificial Intelligence in Medicine</i> , 2005, 34, 179-200.	6.5	43
8	Functional centering. , 1996, , .		43
9	Concurrent, object-oriented natural language parsing: the ParseTalk model. <i>International Journal of Human Computer Studies</i> , 1994, 41, 179-222.	5.6	41
10	Topic parsing: Accounting for text macro structures in full-text analysis. <i>Information Processing and Management</i> , 1990, 26, 135-170.	8.6	40
11	How knowledge drives understandingâ€”matching medical ontologies with the needs of medical language processing. <i>Artificial Intelligence in Medicine</i> , 1999, 15, 25-51.	6.5	40
12	Assessment of NER solutions against the first and second CALBC Silver Standard Corpus. <i>Journal of Biomedical Semantics</i> , 2011, 2, S11.	1.6	39
13	Mining the pharmacogenomics literature—a survey of the state of the art. <i>Briefings in Bioinformatics</i> , 2012, 13, 460-494.	6.5	39
14	Medical knowledge reengineeringâ€”converting major portions of the UMLS into a terminological knowledge base. <i>International Journal of Medical Informatics</i> , 2001, 64, 207-221.	3.3	36
15	Understanding metonymies in discourse. <i>Artificial Intelligence</i> , 2002, 135, 145-198.	5.8	31
16	Discourse structures in medical reportsâ€”Watch out! The generation of referentially coherent and valid text knowledge bases in the medSYNDIKATE system. <i>International Journal of Medical Informatics</i> , 1999, 53, 1-28.	3.3	30
17	Content management in the SYNDIKATE system â€” How technical documents are automatically transformed to text knowledge bases. <i>Data and Knowledge Engineering</i> , 2000, 35, 137-159.	3.4	30
18	CREATING KNOWLEDGE REPOSITORIES FROM BIOMEDICAL REPORTS: THE MEDSYNDIKATE TEXT MINING SYSTEM. , 2001, , .		25

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19	Towards new information resources for public healthâ€™From WordNet to MedicalWordNet. Journal of Biomedical Informatics, 2006, 39, 321-332.	4.3	24
20	Text mining: powering the database revolution. Nature, 2007, 448, 130-130.	27.8	24
21	Making understanders out of parsers: Semantically driven parsing as a key concept for realistic text understanding applications. International Journal of Intelligent Systems, 1989, 4, 345-393.	5.7	19
22	Towards the ontological foundations of symbolic biological theories. Artificial Intelligence in Medicine, 2007, 39, 237-250.	6.5	16
23	Parts, Locations, and Holes â€™ Formal Reasoning about Anatomical Structures. Lecture Notes in Computer Science, 2001, , 293-303.	1.3	15
24	SYNTACTIC SIMPLIFICATION AND SEMANTIC ENRICHMENT-TRIMMING DEPENDENCY GRAPHS FOR EVENT EXTRACTION. Computational Intelligence, 2011, 27, 610-644.	3.2	13
25	Building a Very Large Ontology from Medical Thesauri. , 2004, , 133-150.		12
26	Creating knowledge repositories from biomedical reports: the MEDSYNDIKATE text mining system. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2002, , 338-49.	0.7	11
27	U-Compare bio-event meta-service: compatible BioNLP event extraction services. BMC Bioinformatics, 2011, 12, 481.	2.6	10
28	An integrated, dual learner for grammars and ontologies. Data and Knowledge Engineering, 2002, 42, 273-291.	3.4	9
29	Spatial location and its relevance for terminological inferences in bio-ontologies. BMC Bioinformatics, 2007, 8, 134.	2.6	9
30	Optimized Identification of Advanced Chronic Kidney Disease and Absence of Kidney Disease by Combining Different Electronic Health Data Resources and by Applying Machine Learning Strategies. Journal of Clinical Medicine, 2020, 9, 2955.	2.4	9
31	Entity Recognition in Parallel Multi-lingual Biomedical Corpora: The CLEF-ER Laboratory Overview. Lecture Notes in Computer Science, 2013, , 353-367.	1.3	9
32	ParseTalk about sentence- and text-level anaphora. , 1995, , .		9
33	A reappraisal of sentence and token splitting for life sciences documents. Studies in Health Technology and Informatics, 2007, 129, 524-8.	0.3	9
34	The extraction of pharmacogenetic and pharmacogenomic relations--a case study using PharmGKB. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2012, , 376-87.	0.7	9
35	Ontological foundations for biomedical sciences. Artificial Intelligence in Medicine, 2007, 39, 179-182.	6.5	8
36	Turning Informal Thesauri into Formal Ontologies: A Feasibility Study on Biomedical Knowledge Re-Use. Comparative and Functional Genomics, 2003, 4, 94-97.	2.0	6

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37	Annotating German Clinical Documents for De-Identification. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 203-207.	0.3	6
38	Letâ€™s Parsetalk â€” Message-Passing Protocols for Object-Oriented Parsing. <i>Text, Speech and Language Technology</i> , 2000, , 177-201.	0.2	4
39	CDA-Compliant Section Annotation of German-Language Discharge Summaries: Guideline Development, Annotation Campaign, Section Classification. <i>AMIA ... Annual Symposium proceedings</i> , 2018, 2018, 770-779.	0.2	4
40	Pseudonymization of PHI Items in German Clinical Reports. <i>Studies in Health Technology and Informatics</i> , 2021, 281, 273-277.	0.3	3
41	Scholarly Information Extraction Is Going to Make a Quantum Leap with PubMed Central (PMC). <i>Studies in Health Technology and Informatics</i> , 2017, 245, 521-525.	0.3	3
42	Turning Lead into Gold? Feeding a Formal Knowledge Base with Informal Conceptual Knowledge. <i>Lecture Notes in Computer Science</i> , 2002, , 182-196.	1.3	2
43	Active Learning-based corpus annotation--the Pathojen experience. <i>AMIA ... Annual Symposium proceedings</i> , 2012, 2012, 301-10.	0.2	2
44	JuFiT: A Configurable Rule Engine for Filtering and Generating New Multilingual Umls Terms. <i>AMIA ... Annual Symposium proceedings</i> , 2015, 2015, 604-10.	0.2	2
45	Generating Semantics for the Life Sciences via Text Analytics. , 2011, , .		1
46	Corpus Assembly as Text Data Integration from Digital Libraries and the Web. , 2019, , .		1
47	Context-Based Ambiguity Management for Natural Language Processing. <i>Lecture Notes in Computer Science</i> , 2001, , 184-197.	1.3	1
48	Small Is Beautiful â€” Compact Semantics for Medical Language Processing. <i>Lecture Notes in Computer Science</i> , 1999, , 400-410.	1.3	1
49	Tracking the evolution of concepts in dynamic worlds. <i>Lecture Notes in Computer Science</i> , 1994, , 410-419.	1.3	1
50	Inhaltsorientierte Navigation in automatisch generierten Hypertext-Basen. <i>Informatik-Fachberichte</i> , 1990, , 205-219.	0.2	1
51	ParseTalk about functional anaphora. <i>Lecture Notes in Computer Science</i> , 1996, , 133-145.	1.3	1
52	A knowledge representation view on biomedical structure and function. <i>Proceedings</i> , 2002, , 687-91.	0.6	1
53	Towards Automatic Pathway Generation from Biological Full-Text Publications. <i>Lecture Notes in Computer Science</i> , 2011, , 67-79.	1.3	0
54	A Natural Language Understanding System for Knowledge-Based Analysis of Medical Texts. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 1997, , 499-508.	0.2	0

#	ARTICLE	IF	CITATIONS
55	Text Understanding for Knowledge Base Generation in the SYNDICATE System. Lecture Notes in Computer Science, 1999, , 135-145.	1.3	0
56	Distributed Text Structure Parsing - Computing Thematic Progressions in Expository Texts. , 0, , .		0
57	An ontology for major histocompatibility complex (MHC) alleles and molecules. AMIA ... Annual Symposium proceedings, 2007, , 41-5.	0.2	0