

Huanying Gu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

413
citations

759233

12
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794594

19
g-index

25
all docs

25
docs citations

25
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Abstraction networks for terminologies: Supporting management of "big knowledge", Artificial Intelligence in Medicine, 2015, 64, 1-16.	6.5	51
2	Auditing concept categorizations in the UMLS. Artificial Intelligence in Medicine, 2004, 31, 29-44.	6.5	47
3	Auditing complex concepts of SNOMED using a refined hierarchical abstraction network. Journal of Biomedical Informatics, 2012, 45, 1-14.	4.3	47
4	Semantic refinement and error correction in large terminological knowledge bases. Data and Knowledge Engineering, 2003, 45, 1-32.	3.4	33
5	Partitioning the UMLS semantic network. IEEE Transactions on Information Technology in Biomedicine, 2002, 6, 102-108.	3.2	31
6	A methodology for partitioning a vocabulary hierarchy into trees. Artificial Intelligence in Medicine, 1999, 15, 77-98.	6.5	30
7	Structural group-based auditing of missing hierarchical relationships in UMLS. Journal of Biomedical Informatics, 2009, 42, 452-467.	4.3	25
8	Structural group auditing of a UMLS semantic type's extent. Journal of Biomedical Informatics, 2009, 42, 41-52.	4.3	22
9	Expanding the Extent of a UMLS Semantic Type via Group Neighborhood Auditing. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 746-757.	4.4	22
10	Scalability of abstraction-network-based quality assurance to large SNOMED hierarchies. AMIA ... Annual Symposium proceedings, 2013, 2013, 1071-80.	0.2	17
11	Relationship auditing of the FMA ontology. Journal of Biomedical Informatics, 2009, 42, 550-557.	4.3	16
12	A study of terminology auditors' performance for UMLS semantic type assignments. Journal of Biomedical Informatics, 2012, 45, 1042-1048.	4.3	14
13	Modeling Multi-typed Structurally Viewed Chemicals with the UMLS Refined Semantic Network. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 116-131.	4.4	10
14	Overcoming an obstacle in expanding a UMLS semantic type extent. Journal of Biomedical Informatics, 2012, 45, 61-70.	4.3	10
15	Identifying a forest hierarchy in an OODB specialization hierarchy satisfying disciplined modeling. , 0, , .		7
16	Drug-drug Interaction Discovery Using Abstraction Networks for "National Drug File - Reference Terminology" Chemical Ingredients. AMIA ... Annual Symposium proceedings, 2015, 2015, 973-82.	0.2	7
17	Modeling a vocabulary in an object-oriented database. , 1996, , .		6
18	Evaluation and application of a semantic network partition. IEEE Transactions on Information Technology in Biomedicine, 2002, 6, 109-115.	3.2	6

#	ARTICLE	IF	CITATIONS
19	Validating UMLS Semantic Type Assignments Using SNOMED CT Semantic Tags. <i>Methods of Information in Medicine</i> , 2018, 57, 43-53.	1.2	5
20	Structural measures to track the evolution of SNOMED CT hierarchies. <i>Journal of Biomedical Informatics</i> , 2015, 57, 278-287.	4.3	3
21	Contextual Partitioning for Comprehension of OODB Schemas. <i>Knowledge and Information Systems</i> , 2004, 6, 315-344.	3.2	2
22	Questionable relationship triples in the UMLS. , 2012, , .		1
23	Generating abstraction networks using semantic similarity measure of ontology concepts. , 2017, , .		1
24	Extracting a partition from a complex schema of a medical terminology. , 0, , .		0
25	A platform for developing privacy preserving diagnosis mobile applications. , 2014, , .		0