Huanying Gu

List of Publications by Year
in descending order

25 papers	413 citations	759233 12 h-index	794594 19 g-index
25 all docs	25 docs citations	25 times ranked	141 citing authors

#	ARTICLE	IF	CITATIONS
1	Validating UMLS Semantic Type Assignments Using SNOMED CT Semantic Tags. Methods of Information in Medicine, 2018, 57, 43-53.	1.2	5
2	Generating abstraction networks using semantic similarity measure of ontology concepts. , 2017, , .		1
3	Structural measures to track the evolution of SNOMED CT hierarchies. Journal of Biomedical Informatics, 2015, 57, 278-287.	4.3	3
4	Abstraction networks for terminologies: Supporting management of â€œbig knowledgeâ€. Artificial Intelligence in Medicine, 2015, 64, 1-16.	6.5	51
5	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
6	A platform for developing privacy preserving diagnosis mobile applications. , 2014, , .		0
7	Scalability of abstraction-network-based quality assurance to large SNOMED hierarchies. AMIA ... Annual Symposium proceedings, 2013, 2013, 1071-80.	0.2	17
8	A study of terminology auditorsâ€™ performance for UMLS semantic type assignments. Journal of Biomedical Informatics, 2012, 45, 1042-1048.	4.3	14
9	Questionable relationship triples in the UMLS. , 2012, , .		1
10	Auditing complex concepts of SNOMED using a refined hierarchical abstraction network. Journal of Biomedical Informatics, 2012, 45, 1-14.	4.3	47
11	Overcoming an obstacle in expanding a UMLS semantic type extent. Journal of Biomedical Informatics, 2012, 45, 61-70.	4.3	10
12	Structural group auditing of a UMLS semantic typeâ€™s extent. Journal of Biomedical Informatics, 2009, 42, 41-52.	4.3	22
13	Structural group-based auditing of missing hierarchical relationships in UMLS. Journal of Biomedical Informatics, 2009, 42, 452-467.	4.3	25
14	Relationship auditing of the FMA ontology. Journal of Biomedical Informatics, 2009, 42, 550-557.	4.3	16
15	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
16	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
17	Auditing concept categorizations in the UMLS. Artificial Intelligence in Medicine, 2004, 31, 29-44.	6.5	47
18	Contextual Partitioning for Comprehension of OODB Schemas. Knowledge and Information Systems, 2004, 6, 315-344.	3.2	2

#	Article	IF	Citations
19	Semantic refinement and error correction in large terminological knowledge bases. Data and Knowledge Engineering, 2003, 45, 1-32.	3.4	33
20	Partitioning the UMLS semantic network. IEEE Transactions on Information Technology in Biomedicine, 2002, 6, 102-108.	3.2	31
21	Evaluation and application of a semantic network partition. IEEE Transactions on Information Technology in Biomedicine, 2002, 6, 109-115.	3.2	6
22	A methodology for partitioning a vocabulary hierarchy into trees. Artificial Intelligence in Medicine, 1999, 15, 77-98.	6.5	30
23	Modeling a vocabulary in an object-oriented database. , 1996, , .		6
24	Identifying a forest hierarchy in an OODB specialization hierarchy satisfying disciplined modeling. , 0, , .		7
25	Extracting a partition from a complex schema of a medical terminology. , 0, , .		0