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Bibliography

- ACM (1964). ACM Classification System. <http://www.acm.org/class>. [Not cited]
- ADUNA (2005). Aduna B.V. <http://www.aduna.biz>. [Not cited]
- Aitchison, J. (1970). The thesurofacet: A multi-purpose retrieval language tool. *Journal of Documentation*, 26:187–203. [Not cited]
- Allan, J. (1995). *Automatic Hypertext Construction*. PhD thesis, Cornell University, Ithaca, NY (USA). [Not cited]
- Allan, J., Wade, C., and Bolivar, A. (2003). Retrieval and novelty detection at the sentence level. In *SIGIR '03: Proceedings of the 26th annual international ACM SIGIR conference on Research and development in informaion retrieval*, pages 314–321, New York, NY, USA. ACM Press. [Not cited]
- Areces, C., de Nivelles, H., and de Rijke, M. (2001). Resolution in modal, description and hybrid logic. *Journal of Logic and Computation*, 11:717–736. [Not cited]
- Areces, C. and Heguiabehere, J. (2002). Hylotes: A hybrid logic prover based on direct resolution. In *Proceedings of Advances in Modal Logic (AiML'02), 2002*. [Not cited]
- Artale, A., Franconi, E., Guarino, N., and Pazzi, L. (1996). Part-whole relations in object-centered systems: An overview. *Data and Knowledge Engineering*, 20(3):347–383. [Not cited]
- Baehrecke, E., Dang, N., Babaria, K., and Shneiderman, B. (2004). Visualization and analysis of microarray and gene ontology data with treemaps. *BMC Bioinformatics*, 5(1). [Not cited]
- Baeza-Yates, R. and Ribeiro-Neto, B. (1999). *Modern Information Retrieval*. Addison Wesley Longman. [Not cited]
- Bailey, R., Allan, R., and Raiello, P. (1992). Usability testing vs. heuristic evaluation: A head-to-head comparison. In *Proc. of the Human Factors Society 36th Annual Meeting*, pages 409–413. [Not cited]
- Baron, L., Tague-Sutcliffe, J., Kinnucan, M. T., and Carey, T. (1996). Labeled, typed links as cues when reading hypertext documents. *Journal of the American Society for Information Science*, 47(12):896–908. [Not cited]
- Bederson, B., Shneiderman, B., and Wattenberg, M. (2002). Ordered and quantum treemaps: Making effective use of 2D space to display hierarchies. *ACM Transactions on Graphics*

- (*TOG*), 21(4):833–854. [Not cited]
- Beeferman, D., Berger, A., and Lafferty, J. (1997). Text segmentation using exponential models. In Cardie, C. and Weischedel, R., editors, *Proc. of the 2nd Conference on Empirical Methods in Natural Language Processing*, pages 35–46. Association for Computational Linguistics, Somerset, New Jersey (USA). [Not cited]
- Beeferman, D., Berger, A., and Lafferty, J. D. (1999). Statistical models for text segmentation. *Machine Learning*, 34(1-3):177–210. [Not cited]
- Berners-Lee, T., Hendler, J., and Lassila, O. (2001). The Semantic Web. *Scientific American*, 194(5):34–43. [Not cited]
- Biggs, M. (1989). Information overload and information seekers: What we know about them, what to do about them. *Reference Librarian*, 25:411–429. [Not cited]
- Borlund, P. (2003). The concept of relevance in IR. *Journal of the American Society for Information Science and Technology*, 54(10):913–925. [Not cited]
- Brachman, R. (1983). What isa is and isn't. *IEEE Computer*, 16(10):30–36. [Not cited]
- Bruner, J. (1960). *The Process of Education*. Vintage Books. [Not cited]
- Buckley, C. and Voorhees, E. M. (2000). Evaluating evaluation measure stability. In *SIGIR '00: Proceedings of the 23rd annual international ACM SIGIR conference on Research and development in information retrieval*, pages 33–40, New York, NY, USA. ACM Press. [Not cited]
- Buckley, C. and Voorhees, E. M. (2004). Retrieval evaluation with incomplete information. In *SIGIR '04: Proceedings of the 27th annual international ACM SIGIR conference on Research and development in information retrieval*, pages 25–32, New York, NY, USA. ACM Press. [Not cited]
- Cable, J. H., Ordonez, J. F., Chintalapani, G., and Plaisant, C. (2004). Project portfolio earned value management using treemaps. In *Proc. of Project Management Institute research conference*. [Not cited]
- Callan, J. P. (1994). Passage-level evidence in document retrieval. In *Proc. of the 17th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, Dublin, Ireland*, pages 302–310. [Not cited]
- Caraballo, S. (2001). *Automatic Acquisition of a Hypernym-Labeled Noun Hierarchy from Text*. PhD thesis, Brown University. [Not cited]
- Card, S. K., MacKinlay, J. D., and Shneiderman, B., editors (1999). *Readings in Information Visualization: Using Vision to Think*. Morgan Kaufmann, first edition. [Not cited]
- Cederberg, S. and Widdows, D. (2003). Using LSA and noun coordination information to improve the precision and recall of automatic hyponymy extraction. In *Proc. of CoNLL-2003*. [Not cited]
- Choi, F. (2000a). Advances in independent linear text segmentation. In *Proc. of the 1st Meeting of the North American Chapter of the Association for Computational Linguistics (ANLP-NAACL-00)*, pages 26–33. [Not cited]
- Choi, F. (2000b). Linear text segmentation: approaches, advances and applications. In *Proc. of 3rd Colloquium for Computational Linguistics in the United Kingdom (CLUK3)*. [Not cited]
- Cimino, J. (1998). Desiderata for controlled medical vocabularies in the twenty-first century. *Methods of Information in Medicine*, 37:394–403. [Not cited]
- Clarke, S. G. D. (2001). Thesaural relationships. In Bean, C. and Green, R., editors, *Relationships in the Organization of Knowledge*, pages 37–52. Kluwer Academic Press. [Not cited]

- Cleverdon, C. (1970). Progress in documentation, evaluation tests of information retrieval systems. *Journal of Documentation*, 26(1):55–67. [Not cited]
- CML (1997). XML-CML. Chemical Markup Language. <http://www.xml-cml.org/> Last visited: Feb 2007. [Not cited]
- Cochran, W. G. (1950). The comparison of percentages in matched samples. *Biometrika*, 37:256–266. [Not cited]
- Cohen, J. (1960). The coefficient of agreement for nominal scales. *Educational and Psychological Measurement*, 21(1):37–46. [Not cited]
- Conklin, J. (1987). Hypertext: An introduction and survey. *Computer*, 20(9):17–41. [Not cited]
- Cooper, B. (1981). Gedanken experimentation: An alternative to traditional system testing? In Sparck Jones, K., editor, *Information Retrieval Experiments*, pages 199–209. Butterworths. [Not cited]
- Cooper, W. S. (1968). Expected search length: A single measure of retrieval effectiveness based on the weak ordering action of retrieval systems. *American Documentation*, 19:30–41. [Not cited]
- Corbridge, C., Rugg, G., Major, N., Shadbolt, N., and Burton, A. (1994). Laddering: technique and tool use in knowledge acquisition. *Knowledge Acquisition*, 6(3):315–341. [Not cited]
- Cruse, A. D. (1986). *Lexical Semantics*. Cambridge University Press. [Not cited]
- Cruse, A. D. (2002). Hyponymy and its varieties. In Green, R., Bean, C. A., and Myaeng, S. H., editors, *The Semantics of Relationships. An Interdisciplinary Perspective*. Kluwer Academic Press. [Not cited]
- Cruse, D. A. (1994). Prototype theory and lexical relations. *Rivista di Linguistica*, 6(2):167–188. [Not cited]
- de Vries, A. P., Kazai, G., and Lalmas, M. (2004). Tolerance to irrelevance: A user-effort oriented evaluation of retrieval systems without predefined retrieval unit. In *Recherche d'Informations Assistée par Ordinateur (RIAO 2004)*. [Not cited]
- DeRose, S. J. (1989). Expanding the notion of links. In *Proc. of Hypertext'99*, pages 249–257. [Not cited]
- Dervin, B. (1983). An overview of sense-making: concepts, methods, and results to date. Paper delivered at the International Communication Association Annual Meeting. Dallas, Texas. [Not cited]
- dAquin, M., Sabou, M., and Motta, E. (2006). Modularization: a key for the dynamic selection of relevant knowledge components. In *In Proc. of the ISWC 2006 Workshop on Modular Ontologies*. [Not cited]
- Eisenberg, M. and Small, R. (1993). Information-based education: an investigation of the nature and role of information attributes in education. *Information Processing & Management*, 29(2):263–275. [Not cited]
- Ernst, N., Storey, M.-A., Allen, P., and Musen, M. (2003). Addressing cognitive requirements in knowledge engineering with jambalaya. In *Visualizing Information in Knowledge Engineering (VIKE'03)*. Workshop at the 2nd Int. Conf. on Knowledge Capture, Sanibel Island, FL. [Not cited]
- EUWN (2005). Eurowordnet. <http://www.illc.uva.nl/EuroWordNet>. [Not cited]
- Fahlman, S. E. (1979). *NETL: A system for representing and using real-world knowledge*. MIT Press. [Not cited]
- FAO (2007). Agrovoc thesaurus. http://www.fao.org/aims/ag_intro.htm. [Not cited]

- Fellbaum, C., editor (1998). *WordNet, an Electronic Lexical Database*. MIT Press. [Not cited]
- Flash (2005). <http://www.macromedia.com/>. Accessed July 2005. [Not cited]
- Fluit, C., Sabou, M., and van Harmelen, F. (2003). Supporting user tasks through visualisation of light-weight ontologies. In Staab, S. and Studer, R., editors, *Handbook on Ontologies in Information Systems*. Springer-Verlag. [Not cited]
- Friedrich, C. and Eades, P. (2002). Graph drawing in motion. *Journal of Graph Algorithms and Applications*, 6(3):353–370. [Not cited]
- Fuhr, N., Lalmas, M., Malik, S., and Kazai, G., editors (2006). *Advances in XML Information Retrieval and Evaluation, 4th International Workshop of the Initiative for the Evaluation of XML Retrieval, INEX 2005, Dagstuhl Castle, Germany, November 28-30, 2005, Revised Selected Papers*, volume 3977 of *Lecture Notes in Computer Science*. Springer. [Not cited]
- Gennari, J. H., Musen, M. A., Fergerson, R. W., Grosso, W. E., Crubézy, M., Eriksson, H., Noy, N. F., and Tu, S. W. (2003). The evolution of Protégé: an environment for knowledge-based systems development. *Int. J. Hum.-Comput. Stud.*, 58(1):89–123. [Not cited]
- Girju, R., A., B., and D., M. (2003). Learning semantic constraints for the automatic discovery of part-whole relations. In *Proc. of HLT-2003*. [Not cited]
- GRAPHVIZ (2007). Graphviz - Graphical Visualization Software. <http://www.graphviz.org>. [Not cited]
- Grootendorst, R., Henkemans, F. S., van Eemeren, F. H., and Grootendorst, R. (1996). *Fundamentals of Argumentation Theory: A Handbook of Historical Backgrounds and Contemporary Developments*. Erlbaum. [Not cited]
- Grossman, D. and Frieder, O. (2003). *Information Retrieval: Algorithms and Heuristics*. Kluwer Academic Publishers. [Not cited]
- Grosz, B. J. and Sidner, C. L. (1986). Attention, intentions and the structure of discourse. *Computational Linguistics*, 12(3):175–204. [Not cited]
- Gruber, T. R. (1992). Ontolingua: A mechanism to support portable ontologies. Technical report, Knowledge Systems Laboratory, Stanford University. [Not cited]
- Gruber, T. R. (1993). A translation approach to portable ontologies. *Knowledge Acquisition*, 5(2):199–220. [Not cited]
- Guarino, N. and Welty, C. (2000). Ontological analysis of taxonomic relationships. In Lender, A. and Storey, V., editors, *Proc. of International Conference on Conceptual Modelling*. Springer-Verlag LNCS. [Not cited]
- Guarino, N. and Welty, C. (2002a). Evaluating ontological decisions with Ontoclean. *Communications of the ACM*, 45(2):61–65. [Not cited]
- Guarino, N. and Welty, C. (2002b). Identity and subsumption. In Green, R., Bean, C. A., and Myaeng, S. H., editors, *The Semantics of Relationships. An Interdisciplinary Perspective*. Kluwer. [Not cited]
- Harmsze, F. (2000). *A Modular Structure for Scientific Articles in an Electronic Environment*. PhD thesis, University van Amsterdam. Available at: <http://dare.uva.nl/record/78293>. [Not cited]
- Hearst, M. A. (1994a). *Context and Structure in Automated Full-text Information Access*. PhD thesis, University of California at Berkeley. [Not cited]
- Hearst, M. A. (1994b). Multi-paragraph segmentation of expository text. In *Proc. of the 32nd Meeting of the Association for Computational Linguistics, Los Cruces, NM*. [Not cited]
- Hearst, M. A. (1997). TextTiling: Segmenting Text into Multi-paragraph Subtopic Passages. *Computational Linguistics*, 23(1):33–64. [Not cited]

- Hearst, M. A. and Plaunt, C. (1993). Subtopic structuring for full-length document access. In *Proc. of the 16th Annual International ACM SIGIR Conference on Research and Development in IR*, pages 59–68. [Not cited]
- Hutchins, W. (1977). On the problem of “aboutness” in document analysis. *Journal of Informatics*, 1(1):17–35. [Not cited]
- IEEE (1995). *IEEE Colloquium on Information Overload*. <http://www.ieeexplore.ieee.org/xpl/tocresult.jsp?isNumber=10765>. [Not cited]
- INEX (2005). Initiative for the evaluation of XML retrieval. <http://inex.is.informatik.uni-duisburg.de/>. [Not cited]
- Informatik, M. P. I. (2006). Spass. <http://www.spass.mpi-sb.mpg.de/>. [Not cited]
- Ingwersen, P. (1984). Psychological aspects of information retrieval. *Social Science Information Studies*, 4:83–89. [Not cited]
- Ingwersen, P. (1992). *Information Retrieval Interaction*. Taylor Graham. Available at: <http://www.db.dk/pi>. [Not cited]
- Inhelder, B. and Piaget, J. (1964). *The Early Growth of Logic in the Child: Classification and Serialization*. Routledge & Kegan Paul. [Not cited]
- ISAVIZ (2004). Isaviz: A visual authoring tool for rdf. <http://www.w3.org/2001/11/IsaViz/>. [Not cited]
- ISO:2788 (1986). Documentation - guidelines for the establishment and development of monolingual thesauri. [Not cited]
- ISO:IND (1985). ISO 5963:1985. documentation - Methods for examining documents, determining their subjects, and selecting indexing terms. <http://www.nlc-bnc.ca/iso/tc46sc9/standard/5963e.htm>. [Not cited]
- ISO:MLT (1985). ISO 5964:1985. Documentation - Guidelines for the establishment and development of multilingual thesauri. <http://www.nlc-bnc.ca/iso/tc46sc9/standard/5964e.htm>. [Not cited]
- IWN (2005). Hindi and marathi wordnet. <http://www.cfilt.iitb.ac.in/>. [Not cited]
- Jeffries, R., Miller, J. R., Wharton, C., and Uyeda, K. (1991). User interface evaluation in the real world: A comparison of four techniques. In *Proc. of ACM CHI'91*, pages 119–124. ACM Press. [Not cited]
- Johnson, B. and Shneiderman, B. (1991). Treemaps: a space-filling approach to the visualization of hierarchical information structures. In *Proc. of the 2nd International IEEE Visualization Conference*, pages 284–291. Also in *Sparks of Innovation in Human-Computer Interaction*, Shneiderman, B., Ed., Ablex (June 1993) 309-322. Reprinted in *Readings in Information Visualization: Using Vision to Think*, by Stuart K. Card, Jock D. MacKinlay, Ben Shneiderman. Morgan Kaufmann; 1st edition (January 25, 1999). [Not cited]
- Joyce, T. and Needham, R. (1958). The thesaurus approach to information retrieval. *American Documentation*, 9:192–197. Reprinted in *Readings in Information Retrieval*. K. Sparck Jones and P. Willet (eds.). [Not cited]
- Kamps, J. and Marx, M. (2002). Words with attitude. In *In Proceedings of the 1st International Conference on Global WordNet*, pages 332–341. [Not cited]
- Karvounarakis, G., Alexaki, S., Christophides, V., Plexousakis, D., and Scholl, M. (2002). Rql: A Declarative Query Language for RDF. In *The Eleventh International World Wide Web Conference (WWW'02)*. [Not cited]
- Kaszkiel, M. and Zobel, J. (1997). Passage retrieval revisited. In *Proc. of SIGIR 97*, pages 178–185. [Not cited]

- Kircz, J. and Harmsze, F. (2000). Modular scenarios in the electronic age. In van der Vet en P. de Bra (eds.), P., editor, *Proceedings Conferentie Informatiewetenschap 2000*, pages 31–43. <http://www.kra.nl/Website/Artikelen/mod2k.html>. [Not cited]
- Kircz, J. G. (1998). Modularity: the next form of scientific information presentation? *Journal of Documentation*, 54(2):210–235. [Not cited]
- Klavans, J. L., McKeown, K., Kan, M.-Y., and Lee, S. (1998). Resources for the evaluation of summarization techniques. In *Proc. of the 1st International Conference on Language Resources and Evaluation, Grenada, Spain*. [Not cited]
- Knublauch, H., Ferguson, R., Noy, N. F., and Musen, M. A. (2004). The Protégé OWL Plugin: An Open Development Environment for Semantic Web Applications. In *Proc. of ICSW04*. Springer. [Not cited]
- Lamping, J., Rao, R., and Pirolli, P. (1995). A focus+context technique based on hyperbolic geometry for visualizing large hierarchies. In *Proc. ACM Conf. Human Factors in Computing Systems, CHI*, pages 401–408. ACM. [Not cited]
- Lee, G. G., Lee, S., Jung, H., Cho, B.-H., Lee, C., Kwak, B.-K., Cha, J., Kim, D., An, J., Seo, J., Kim, H., and Kim, K. (2001). SiteQ: Engineering high performance QA system using lexico-semantic pattern matching and shallow NLP. In *Proc of TREC 10*. [Not cited]
- Lesk, M. and Salton, G. (1969). Relevance assessment and retrieval system evaluation. *Information Storage and Retrieval*, 4:343–359. [Not cited]
- Lewis, J. (1994). Sample sizes for usability studies: Additional considerations. *Human Factors*, 36:368–378. [Not cited]
- Light, M., Mann, G., Riloff, E., and Breck, E. (2001). Analyses for elucidating current question answering technology. *Journal of Natural Language Engineering. Special issue on Question Answering*. [Not cited]
- Likert (1932). A technique for the measurement of attitudes. *Archive of Psychology*, 140:5–55. [Not cited]
- Liu, X. and Croft, W. (2002). Passage retrieval based on language models. In *Proc. 11th International Conference on Information and Knowledge Management (CIKM)*, pages 375–382. [Not cited]
- Llopis, F. and Vicedo, J. L. (2001). IRn, a passage retrieval system from University of Alicante, at Clef2001. In *Proc. of CLEF 2001*. [Not cited]
- Luhn, H. P. (1958). The automatic creation of literature abstracts. *IBM journal of Research and Development*, 2(2):159–165. [Not cited]
- Mani, I. and Maybury, M. T., editors (1999). *Advances in Automatic Text Summarization*. MIT Press. [Not cited]
- Mann, W. C. and Thompson, S. A. (1987). Rhetorical structure theory: A theory of text organization. Technical Report ISI/RS 87–190, ISI. [Not cited]
- Marchionini, G. (1995). *Information seeking in electronic environments*. Cambridge University Press. [Not cited]
- Maybury, M., editor (2004). *New Directions in Question Answering*. AAAI Press. [Not cited]
- McGuinness, D. L. (2002). Ontologies come of age. In Fense, D., Hendler, J., Lieberman, H., and Wahlster, W., editors, *Spinning the Semantic Web; Bringing the World Wide Web to Its Full Potential*. MIT Press. [Not cited]
- MESH (2007). Medical subject headings. <http://www.nlm.nih.gov/mesh/MBrowser.html>. [Not cited]
- Miller, G. (1995). Wordnet: A lexical database for English. *CACM*, 38(11):39–41. [Not cited]

- Miller, G. A. (1956). The magical number seven, plus or minus two: Some limits on our capacity for processing information. *The Psychological Review*, 63:81–97. [Not cited]
- Miller, N. (2005). Wikipedia and the disappearing "Author". *ETC: A Review of General Semantics*, 62(1):37–40. [Not cited]
- Mizzaro, S. (1997). Relevance: The whole history. *Journal of the American Society of Information Science*, 48(9):810–832. [Not cited]
- Monz, C. (2003). *From Document Retrieval to Question Answering*. PhD thesis, University of Amsterdam. [Not cited]
- Morton, T. (1999). Using coreference for question answering. In *ACL Workshop, Coreference and Its Applications*. [Not cited]
- MULTIWN (2005). Multiwordnet. <http://multiwordnet.itc.it/english/home.php>. [Not cited]
- Muskens, R., van Benthem, J., and Visser, A. (1997). *Handbook of Logic and Language*, chapter Dynamics. Elsevier. [Not cited]
- MySQL (2007). Mysql. <http://www.mysql.com>. [Not cited]
- Nakatani, C., Grosz, B., Ahn, D., and Hirschberg, J. (1995). Instruction for annotating discourses. Technical Report TR-21-95, Center for Research in Computing Technology, Harvard University. [Not cited]
- Nielsen, J. (1989). Usability engineering at a discount. In *Proc. of the third International Conference on Human-Computer Interaction*, pages 1–8. [Not cited]
- Nielsen, J. (2000). Why you only need to test with 5 users. alertbox. <http://www.useit.com/alertbox/20000319.html>. [Not cited]
- Nielsen, J. and Landauer, T. K. (1993). A mathematical model of the finding of usability problems. In *Proceedings of ACM INTERCHI'93 Conference*, pages 206–213. [Not cited]
- Noy, N. and Musen, M. (2004). Specifying ontology views by traversal. In *In Proc. of the International Semantic Web Conference (ISWC)*. [Not cited]
- Noy, N. F., Fergerson, R. W., and Musen, M. A. (2000). The knowledge model of Protégé: Combining interoperability and flexibility. In *Proceedings of the 12th European Workshop on Knowledge Acquisition, Modeling and Management*, pages 17–32. Springer-Verlag. [Not cited]
- Noy, N. F. and McGuinness, D. L. (2001). Ontology development 101: A guide to creating your first ontology. Technical report, Stanford Knowledge Systems Laboratory Technical Report KSL-01-05 and Stanford Medical Informatics Technical Report SMI-2001-0880. [Not cited]
- Noy, N. F., Sintek, M., Decker, S., Crubzy, M., Fergerson, R. W., and Musen, M. A. (2001). Creating semantic web contents with Protégé-2000. *IEEE Intelligent Systems*, 16(2):60–71. [Not cited]
- Oberle, D., Volz, R., Motik, B., and Staab, S. (2004). An extensible ontology software environment. In Staab, S. and Studer, R., editors, *Handbook on Ontologies*, pages 311–333. Springer. [Not cited]
- O'Neill, M. and Denos, M. (1992). Practical approach to the stereo matching of urban imagery. *Image and Vision Computing*, 10(2):89–98. [Not cited]
- Owen, J. M. (2002). The new dissemination of knowledge: digital libraries and institutional roles in scholarly publishing. *Journal of economic methodology*, 9(3):275–288. [Not cited]
- OWL (2004). Web ontology language (OWL). W3C Recommendation. <http://www.w3.org/2004/OWL>. [Not cited]
- Passonneau, R. and Litman, D. J. (1993). Intention-based segmentation: human reliability and

- correlation with linguistic cues. In *Proc. of the 31st Annual Meeting of the Association for Computational Linguistics*, pages 148–155. [Not cited]
- Peterson, T. (1994). *Introduction to the Art and Architecture Thesaurus*. Oxford University Press. <http://shiva.pub.getty.edu>. [Not cited]
- Plaisant, C., Maryland, U. O., Lukehart, C., Schiro, D., and Ryan, J. (2003). Using visualization tools to gain insight into your data. In *Society of Petroleum Engineers (SPE) Annual Conference and Exhibition*. [Not cited]
- Plumb Design (2004). Visual Thesaurus. <http://www.visualthesaurus.com/>. [Not cited]
- Ponte, J. M. and Croft, W. B. (1997). Text segmentation by topic. In *European Conference on Digital Libraries*, pages 113–125. [Not cited]
- Purchase, H. (1997). Which aesthetic has the greatest effect on human understanding? In Battista, G. D., editor, *Graph Drawing '97*, volume 1353 of *Lecture Notes in Computer Science*, pages 248–261. Springer-Verlag. [Not cited]
- Rabiner, L. W. and Schafer, R. W. (1978). *Digital processing of speech signals*. Prentice-Hall, Inc. [Not cited]
- Ragetli, J. (2001). Towards concept-based structuring of electronic information. Master's thesis, Master of Logic, University of Amsterdam. [Not cited]
- RDF (1999). Rdf resource description framework. W3C Recommendations. <http://www.w3.org/RDF/>. [Not cited]
- RDFS (2004). RDF Vocabulary Description Language 1.0: RDF Schema. W3C Recommendations. <http://www.w3.org/TR/rdf-schema/>. [Not cited]
- Reid, J., Lalmas, M., Finesilver, K., and Hertzum, M. (2006). Best entry points for structured document retrieval: Parts I & II. *Information Processing and Management*, 42:74–105. [Not cited]
- Reynar, J. C. (1998). *Topic Segmentation: Algorithms and Applications*. PhD thesis, University of Pennsylvania. [Not cited]
- Roark, B. and Charniak, E. (1998). Noun-phrase co-occurrence statistics for semiautomatic semantic lexicon construction. In *Proceedings of the 17th international conference on Computational linguistics*, pages 1110–1116, Morristown, NJ, USA. Association for Computational Linguistics. [Not cited]
- Robertson, G., Mackinlay, J., and Card, S. (1991). Cone trees: Animated 3D visualizations of hierarchical information. In Robertson, S., Olson, G., and Olson, J., editors, *Proc. ACM Computer-Human Interaction '91 Conference on Human Factors in Computing Systems*, pages 189–194. ACM Press. [Not cited]
- Robertson, S. E. and Walker, S. (1994). Some simple effective approximations to the 2-poisson model for probabilistic weighted retrieval. In *Proceedings of the 17th annual international ACM SIGIR conference on Research and development in information retrieval*, pages 232–241. Springer-Verlag New York, Inc. [Not cited]
- Robins, D. (2000). Interactive Information Retrieval: Context and basic notions. *Informing Science Journal*, 3(2):57–62. [Not cited]
- Roget, P. and Davidson, G., editors (2002). *Roget's Thesaurus of English Words and Phrases*. Penguin. First edition 1852. <http://thesaurus.reference.com/roget/>. [Not cited]
- Rosenstiehl, P., Allder, J.-A., and Carrington, D. (2001). User preference of graph layout aesthetics: A UML study. In Marks, J., editor, *Graph Drawing '00*, volume 1984 of *Lecture Notes in Computer Science*, pages 5–18. Springer-Verlag. [Not cited]
- RQL (2003). <http://139.91.183.30:9090/RDF/RQL/>. [Not cited]

- Salton, G. (1968). *Automatic Information Organization and Retrieval*. McGraw-Hill. [Not cited]
- Salton, G., Allan, J., and Buckley, C. (1993a). Approaches to Passage Retrieval in Full Text Information Systems. In *Proceedings of the 16th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval*, pages 49–58. [Not cited]
- Salton, G., Allan, J., and Buckley, C. (1993b). Approaches to passage retrieval in full text information systems. In *Proc. of the 16th Annual International ACM/SIGIR Conference, Pittsburgh, USA*, pages 49–58. [Not cited]
- Salton, G., Allan, J., and Singhal, A. (1996a). Automatic text decomposition and structuring. *Information Processing and Management*, 32(2):127–138. [Not cited]
- Salton, G. and Buckley, C. (1988). Term weighting approaches in automatic text retrieval. *Information Processing and Management*, 24:513–523. Reprinted in *Readings in Information Retrieval*, K.Sparck Jones and P.Willet (editors). [Not cited]
- Salton, G. and Buckley, C. (1991). Global text matching for information retrieval. *Science*, 253:1012–1015. [Not cited]
- Salton, G., Singhal, A., Buckley, C., and Mitra, M. (1996b). Automatic text decomposition using text segments and text themes. In *Proc. of the 7th ACM Conference on Hypertext, Washington D.C., USA*. [Not cited]
- Salustri, F. A. (1998). Ontological commitments in knowledge-based design software: A progress report. In Finger, S., Tomiyama, T., and Mantyla, M., editors, *Proc. 3rd IFIP TC5 WG5.2 Workshop on Knowledge Intensive CAD*, pages 41–72. Kluwer Academic Publishers. [Not cited]
- Saracevic, T. (1975). Relevance: A review of and a framework for the thinking on the notion in information science. *Journal of the American Society for Information Science*, 26:321–343. [Not cited]
- Sayyadian, M., Shakery, A., Doan, A., and Zhai, C. (2004). Toward entity retrieval over structured and text data. In *SIGIR 2004 Workshop on the Integration of Information Retrieval and Databases (WIRD'04)*. [Not cited]
- Schmid, H. (1994). Probabilistic part-of-speech tagging using decision trees. In *Proc. of International Conference on New Methods in Language Processing*. [Not cited]
- Schreiber, G., Akkermans, H., Anjewierden, A., deHoog, R., Shadbolt, N., VandeVelde, W., and Wielinga, B. (2000). *Knowledge Engineering and Management: The CommonKADS Methodology*. MIT Press. [Not cited]
- Seidenberg, J. and Rector, A. (2006). Web ontology segmentation: Analysis, classification and use. In *In Proc. 15th of the World Wide Web Conference (WWW)*. [Not cited]
- SemWiki (2007). Semantic Wiki. <http://www.semwiki.org/>. [Not cited]
- SeRQL (2005). <http://www.openrdf.org/doc/users/ch06.html>. [Not cited]
- SESAME (2005). <http://openrdf.org>. [Not cited]
- Simons, P., editor (1987). *Parts: a Study in Ontology*. Clarendon Press, Oxford. [Not cited]
- Sintek, M. (2003). Ontoviz tab: Visualizing protg ontologies. <http://protege.stanford.edu/plugins/ontoviz/ontoviz.html>. [Not cited]
- Skorochoďko, E. (1972). Adaptive method of automatic abstracting and indexing. *Information Processing*, 71:1179–1182. [Not cited]
- Smolensky, P., Bell, B., Fox, B., King, R., and Lewis, C. (1987). Constraint-based hypertext for argumentation. In *Proc. of Hypertext '87*, pages 215–245. ACM Press. [Not cited]
- Snow, R., Jurafsky, D., and Ng, A. Y. (2005). Learning syntactic patterns for automatic hyper-

- nym discovery. In Saul, L. K., Weiss, Y., and Bottou, L., editors, *NIPS 17*. [Not cited]
- Sowa, J. F. (1991). *Principles of Semantic Networks*. Morgan Kaufmann Publishers, Inc. [Not cited]
- Spärck Jones, K. (2004). What's new about the Semantic Web? some questions. *SIGIR Forum*, 38(2). [Not cited]
- Szrednicki, J. T., Rickey, V. F., and Czelakowski, J., editors (1984). *Lesniewski's Systems: Ontology and Mereology*. Nijhoff International Philosophy Series 13. Martinus Nijhoff Publishers, The Hague. [Not cited]
- Stanley, A. and Clipsham, P. (1997). Information overload - myth or reality? In *IEE Colloquium Digest(340)*. *Proc. of the 1997 IEE Colloquium on Information Technology Strategies for Information Overload*. [Not cited]
- Stokes, N., Carthy, J., and Smeaton, A. F. (2002). Segmenting broadcast news streams using lexical chaining. In Vidal, T. and Liberatore, P., editors, *Proc. of STAIRS 2002*, volume 1, pages 145–154. IOS Press. [Not cited]
- Storey, M., Noy, N., Musen, M., Best, C., and Ferguson, R. (2002). Jambalaya: an interactive environment for exploring ontologies. In *Proc. of International Conference on Intelligent User Interfaces*, page 239. [Not cited]
- Storey, V. (1993). Understanding semantic relationships. *Very Large Databases Journal*, 2(4):455–488. [Not cited]
- Stuckenschmidt, J. and Klein, M. (2004). Structure-based partitioning of of large concept hierarchies. In *Proc. of the Third International Semantic Web Conference (ISWC)*. [Not cited]
- TOPICMAPS (2006). Xml topic maps specifications. <http://www.topicmaps.org/xtm/1.0/>. [Not cited]
- Trigg, R. (1983). *A network approach to text handling for the online scientific community*. PhD thesis, University of Maryland. [Not cited]
- Trigg, R. H. and Weiser, M. (1986). Textnet: a network-based approach to text handling. *ACM Trans. Inf. Syst.*, 4(1):1–23. [Not cited]
- Tufte, E. R. (1988). *The Visual Display of Quantitative Information*. Graphics Press. [Not cited]
- Tutte, W. T. (1963). How to draw a graph. In *Proc. London Math. Society*, volume 13, pages 743–768. [Not cited]
- Tversky, B. (1990). Where partonomies and taxonomies meet. In *Meaning and Prototypes: Studies in Linguistic Categorization*, pages 334–344. Routledge. [Not cited]
- van Benthem, J. and ter Meulen, A., editors (1997). *Handbook of Logic and Language*. Elsevier. [Not cited]
- van Eijck, J. and Kamp, H. (1997). *Handbook of Logic and Language*, chapter Representing Discourse in Context. Elsevier. [Not cited]
- van Hage, W. R. (2004). *Living on the Edge*. Master's thesis, University of Amsterdam. [Not cited]
- van Harmelen, F. and Antoniou, G. (2004). *A Semantic Web Primer*. MIT Press. [Not cited]
- van Schie, M. (2003). *Using semantic web technologies for electronic publishing*. Master's thesis, Free University Amsterdam. [Not cited]
- Vickery, B. C. (1997). Ontologies. *Journal of Information Sciences*, 23(4):277–286. [Not cited]
- Virzi, R. A. (1992). Refining the test phase of usability evaluation: how many subjects is

- enough? *Hum. Factors*, 34(4):457–468. [Not cited]
- Voorhees, E. M. (1994). Query expansion using lexical-semantic relations. In *Proceedings of the 17th annual international ACM SIGIR conference on Research and development in information retrieval*, pages 61–69. Springer-Verlag New York, Inc. [Not cited]
- Vossen, P., Hofmann, K., de Rijke, M., Tjong Kim Sang, E., and Deschacht, K. (2007). The Cornetto database: Architecture and user-scenarios. In Moens, M.-F., Tuytelaars, T., and de Vries, A., editors, *Proceedings DIR 2007*, pages 89–96. [Not cited]
- W3C (2001). MathML. <http://www.w3.org/Math/>. [Not cited]
- W3C (2006). W3c on the semantic web. <http://www.w3.org/2001/sw/>. [Not cited]
- Webber, B. (2004). D-LTAG: extending lexicalized tag to discourse. *Cognitive Science*, 28:751–779. [Not cited]
- Wiegand, W. A. (1998). The “Amherst Method”: the Origins of the Dewey Decimal Classification Scheme. *Libraries & Cultures*. [Not cited]
- Wilkinson, R. (1994). Effective retrieval of structured documents. In *Proc. of SIGIR 1994*, pages 311–317. [Not cited]
- Wilson, P. (1995). Unused relevant information in research and development. *Journal of the American Society for Information Science*, 46(1):45–51. [Not cited]
- Wilson, T. D. (1994). Information needs and uses: fifty years of progress? In Vickery, B., editor, *Fifty yeears of information progress: a Journal of Documentation Review*, pages 15–51. Aslib, London. [Not cited]
- Wilson, T. D. (1997). Information behaviour: an interdisciplinary perspective. *Inf. Process. Manage.*, 33(4):551–572. [Not cited]
- Wilson, T. D. (1999). Models in information behaviour research. *Journal of Documentation*, 55(3):249–270. [Not cited]
- Wilson, T. D. (2000). Recent trends in user studies: action research and qualitative methods. *Information Research*, 5(3). <http://informationr.net/ir/5-3/paper76.html>. [Not cited]
- XML (1998). EXtensible Markup Language (XML). W3C Recommendation. <http://www.w3.org/XML/>. Third Edition, 2004. [Not cited]
- XML (2001). XML Linking Language (XLink). Version 1.0. <http://www.w3.org/TR/xlink/>. [Not cited]
- XMLS (2001). XML Schema. W3C Recommendations. <http://www.w3.org/XML/Schema>. [Not cited]
- Yaari, Y. (1997). Segmentation of expository text by hierarchical agglomerative clustering. In *Proc. of the Conference on Recent Advances in Natural Language Processing*, pages 59–65. [Not cited]