

**Списък научни трудове на проф. дмн Галя Ангелова
(1981-2018)**

В областта “Бази от данни”

Научни публикации в списания и поредици

1. Ангелова, Г. и Пл. Думков. *Алгоритми за търсене в реляционни бази от данни*. Списание “Системи и управление”, София, 3(1981), стр. 26-34.
2. Strandjev, P. and G. Angelova. *A Project for Data Integrity Support in the System ML-1*. In: *MTA SZTAKI Tanulmányok*, Budapest, 183(1986), pp. 119-125.
3. Ангелова, Г. *Таблицы конъюнктивных запросов и их применение*. В: *MTA SZTAKI Közlemenyek*, Budapest, 33(1985), ISSN 0133-7459, стр. 7-27. Списанието е достъпно на http://real-j.mtak.hu/5542/1/SZTAKIKozlemenyek_33.pdf
4. Ангелова, Г. *Циклические и ациклические схемы реляционных баз данных*. В: *MTA SZTAKI Közlemenyek*, Budapest, 34(1986), ISSN 0133-7459, стр. 5-35. Списанието е достъпно на http://real-j.mtak.hu/5543/1/SZTAKIKozlemenyek_34.pdf

Научни публикации в рецензирани сборници от конгреси и конференции

5. Angelova, G. *The Use of Natural Language as a Query Language in a Relational Data Base*. Proceedings of the 4th International Seminar on Data Base Management Systems, Schwerin, Germany, December 1981, pp. 226-238.
6. Angelova, G. *About Some Problems of the Automatical Generation of Queries to a Relational Data Base*. Proceedings of the 6th International Seminar on Data Base Management Systems, Mátráfüred, Hungary, October 1983, pp. 27-36.
7. Angelova, G. *On the Equivalence of Conjunctive Queries to a Relational Data Base*. In: Arato, M., I. Katai, and L. Varga (Eds.), Proceedings of the 4th Hungarian Computer Science Conference, Györ, 1985, Akadémiai Kiado, Budapest 1986, ISBN 9-630-54242-0, pp. 361-371.
8. Ангелова, Г. *Един подход за оптимизация на въпроси в реляционни бази от данни*. Доклад по покана на 19-тата Пролетна конференция на Съюза на математиците в България, Сълнчев бряг, април 1990, стр. 9-19. Видим в съдържанието на тома на <http://www.math.bas.bg/smb/PK/19-1990.pdf>

Дисертация, издадена като монография

9. Ангелова, Г. *Синтаксические и семантические структуры реляционных языков запросов*. Докторска дисертация, *MTA SZTAKI Tanulmányok*, Budapest, 209(1988), 185 страници (на руски език). Сканирана по страници версия се намира на сайта на *Tanulmányok 1980-1988*:
https://adtplus.arcanum.hu/hu/collection/MTA_SZTAKITanulmanyok/?decade=1980 ,
по-точно на https://adtplus.arcanum.hu/hu/view/MTA_SZTAKITanulmanyok_209/
достъпът изисква абонамент.

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В областта “Представяне на знания и обработка на естествен език”

Научни публикации в списания и поредици

10. Pavlov, R. and G. Angelova. *Linguistic Processors*. In: MTA SZTAKI Tanulmányok, Budapest, 147(1983), pp. 193-200.
11. Angelova, G. and K. Bontcheva. *DB-MAT: Knowledge Acquisition, Processing and NL Generation using Conceptual Graphs*. In: Eklund, E., G. Ellis and G. Mann (Eds.) *Conceptual Structures: Knowledge Representation as Interlingua*, Lecture Notes in Artificial Intelligence 1115, Springer 1996, ISSN: 0302-9743, pp. 115-129, Scopus
12. Angelova, G. and K. Bontcheva. *DB-MAT: a NL Based Interface to Domain Knowledge*. In Ramsay, A. (Ed.), *Artificial Intelligence: Methodology, Systems, Applications*, Frontiers in AI and Applications series 35, IOS Press 1996, ISSN: 0302-9743, pp. 218-227. Web of Science
13. Angelova, G., S. Damyanova, K. Toutanova and K. Bontcheva. *Menu-Based Interface to Conceptual Graphs: the CGLex Approach*. In: Lukose, D., H. Delugach, M. Keeler, L. Searle and J. Sowa (Eds.), *Conceptual Structures: Fulfilling Peirce’s Dream*, Lecture Notes in Artificial Intelligence 1257, Springer 1997, ISSN: 0302-9743, pp. 603-606. Web of Science, Scopus
14. Angelova, G. and K. Bontcheva. *Task-Dependent Aspects of Knowledge Acquisition: a Case Study in a Technical Domain*. In: Lukose, D., H. Delugach, M. Keeler, L. Searle and J. Sowa (Eds.), *Conceptual Structures: Fulfilling Peirce’s Dream*, Lecture Notes in Artificial Intelligence 1257, Springer 1997, ISSN: 0302-9743, pp. 183-197. Web of Science, Scopus
15. Angelova, G. *Manual Acquisition of Uncountable Types in Closed Worlds*. In: Mugnier, M.-L. and M. Chein (Eds.), *Conceptual Structures: Theory, Tools and Applications*, Lecture Notes in Artificial Intelligence 1453, Springer 1998, ISSN: 0302-9743, pp. 351-358, Scopus
16. Angelova, G., O. Kalaydjiev, and W. v. Hahn. *The gain of failures: Using side effects of anaphora resolution for term consistency checks*. In: Giunchiglia, F. (Ed.), *Artificial Intelligence: Methodology, Systems, Applications*, Lecture Notes in Artificial Intelligence 1480, Springer 1998, ISSN: 0302-9743, pp. 1-13. Web of Science, Scopus
17. Nenkova, A. and G. Angelova. *User Modelling as an Application of Actors*. In: Tepfenhart, W. and W. Cyre (Eds.), *Conceptual Structures: Standards and Practices*, Lecture Notes in Artificial Intelligence 1640, Springer 1999, ISSN: 0302-9743, pp. 83-89. IF 0,530, Scopus
18. Boytcheva, S., O. Kalaydjiev, A. Nenkova and G. Angelova. *Integration of Resources and Components in a Knowledge-Based Web-environment for Terminology Learning*. In: Cerri, S. A. and D. Dochev (Eds.) *Artificial Intelligence: Methodology, Systems, Applications*, Lecture Notes in Artificial Intelligence 1904, Springer 2000, ISSN: 0302-9743, pp. 210-220. IF 0,253, SJR: 0,282, zbMATH, Scopus, Web of Science
19. Boytcheva, S., A. Strupchanska and G. Angelova. *Processing Negation in NL Interfaces to Knowledge Bases*. In: Priss, U., D. Corbett, and G. Angelova (Eds.) *Conceptual Structures: Integration and Interfaces*. Lecture Notes in Artificial Intelligence 2393, Springer 2002, ISSN: 0302-9743, pp. 137-150. IF: 0,515, SJR: 0,316, zbMATH, Scopus, Web of Science
20. Angelova, G., O. Kalaydjiev and A. Strupchanska. *Domain Ontology as a Resource Providing Adaptivity in eLearning*. In: Meersman, R., Z. Tari and A. Corsaro (Eds.) Proc. *On the Move to Meaningful Internet Systems: Workshop on Semantics, Ontologies and eLearning*

(WOSE), Lecture Notes in Computer Science 3292, Springer 2004, ISSN: 0302-9743, pp. 700-712. IF 0,513, Scopus, Web of Science

- 21.** Dobrev, P., A. Strupchanska, and G. Angelova. *Towards a Better Understanding of the Language Content in the Semantic Web*. In: Bussler, C. and D. Fensel (Eds.), *Artificial Intelligence: Methodology, Systems, Applications*. Lecture Notes in Artificial Intelligence 3192, Springer 2004, ISSN: 0302-9743, pp. 267-276. IF 0,251, Scopus, Web of Science
- 22.** Angelova, G. *Language Technologies Meet Ontology Acquisition*. In: Dau, F., M.-L. Mugnier, and G. Stumme (Eds.): *Conceptual Structures: Common Semantics for Sharing Knowledge*, Lecture Notes in Artificial Intelligence 3596, Springer 2005, ISSN: 0302-9743, pp. 367-380. IF 0,302, Scopus, Web of Science
- 23.** Dobrev, P., O. Kalaydjiev and G. Angelova. *From Conceptual Structures to Semantic Interoperability of Content*. In: Priss, U., S. Polovina, and R. Hill (Eds.): *Conceptual Structures: Knowledge Architectures for Smart Applications*, Lecture Notes in Artificial Intelligence 4604, Springer 2007, pp. 192-205. Scopus, Web of Science
- 24.** Angelova, G. and S. Mihov. *Conceptual Information Compression and Efficient Pattern Search*. Serdica Journal of Computing, ISSN 1312-6555, Vol. 2 (2008), pp. 369-402.
- 25.** Ангелова, Г. *Автоматична генерация на обяснения в техническа област*. Сп. Автоматика и информатика, издание на Съюза по автоматика и информатика "Джон Атанасов", София, 2008, ISSN 0861-7562, кн. 4/2008, стр. 13-16.
- 26.** Angelova, G. *Ontological Approach to Terminology Learning*. Comptes rendus de l'Académie bulgare des Sciences, ISSN 1310–1331, 2009, 62(10), pp. 1319-1326. IF: 0,219, Web of Science, Scopus
- 27.** Boytcheva, S. and G. Angelova. *Towards Extraction of Conceptual Structures from Electronic Health Records*. In: Rudolph, S., F. Dau, and S. O. Kuznetsov (Eds.): *Conceptual Structures: Leveraging Semantic Technologies*. Lecture Notes in Artificial Intelligence 5662, Springer 2009, pp. 100–113. SJR: 0,286, Scopus, Web of Science
- 28.** Angelova, G. *Use of Domain Knowledge in the Automatic Extraction of Structured Representations from Patient-Related Texts*. In: Croitoru, M., S. Ferre, and D. Lucose (Eds.): *Conceptual Structures: from Information to Intelligence*, Lecture Notes in Artificial Intelligence 6208, Springer 2010, ISSN: 0302-9743, pp. 14–27. SJR: 0.505, Scopus, Web of Science
- 29.** Boytcheva, S., G. Angelova, I. Nikolova, E. Paskaleva, D. Tcharaktchiev and N. Dimitrova. *EVTIMA: a system for IE from hospital patient records in Bulgarian*. In: Dicheva, D. and D. Dochev (Eds.): *Artificial Intelligence: Methodology, Systems, Applications*, Lecture Notes in Artificial Intelligence 6304, Springer 2010, ISSN: 0302-9743, pp. 231-240. SJR: 0.505, Scopus, Web of Science
- 30.** Angelova, G. *Automatic Structuring of Terminologies as Conceptual Units*. In: v. Hahn, W. and C. Vertan (Eds.), *Specialised Language in Global Communication*, Peter Lang Publishing Group, Series "Language in the Society/Sprache in der Gesellschaft, Beiträge zur Sprachwissenschaft", ISSN 0721-4081, 2010, pp. 19-28.
- 31.** Boytcheva S., I. Nikolova, E. Paskaleva, G. Angelova, D. Tcharaktchiev and N. Dimitrova. *Obtaining Status Descriptions via Automatic Analysis of Hospital Patient Records*. In: V. Fomichov (Ed.), Special Issue on Semantic Informational Technologies of Informatica, an Int.

Journal of Computing and Informatics (Slovenia, Ljubljana), ISSN 0350-5596, 34(4), December 2010, pp. 269–278. SJR: 0,277, Scopus

- 32.** Tcharaktchiev, D., G. Angelova, S. Boytcheva, Z. Angelov, and S. Zacharieva. *Completion of Structured Patient Descriptions by Semantic Mining*. In: Koutkias, V., J. Niès, S. Jensen, N. Maglaveras, and R. Beuscart (Eds.), *Patient Safety Informatics - Adverse Drug Events, Human Factors and IT Tools for Patient Medication Safety*, Studies in Health Technology and Informatics series 166, IOS Press 2011, ISBN print 978-1-60750-739-0, pp. 260-269. SJR (2011): 0.263, Scopus, Web of Science
- 33.** Nikolova, I. and G. Angelova. *Identifying Relations between Medical Concepts by Parsing UMLS Definitions*. In: Andrews, S., S. Polovina, R. Hill and B. Akhgar (Eds.), *Conceptual Structures for Discovering Knowledge*, Lecture Notes in Artificial Intelligence 6828, Springer 2011, ISSN: 0302-9743, pp. 173-186. SJR (2011): 0.53, Scopus, Web of Science
- 34.** Angelova, G., S. Boytcheva and D. Tcharaktchiev. *Towards Structuring Episodes in Patient History*. In: Andrews, S., S. Polovina, R. Hill and B. Akhgar (Eds.), *Conceptual Structures for Discovering Knowledge*, Lecture Notes in Artificial Intelligence 6828, Springer 2011, ISSN: 0302-9743, pp. 298-303. SJR: 0.53, Scopus, Web of Science
- 35.** Boytcheva, S., G. Angelova, Z. Angelov, D. Tcharaktchiev, and H. Dimitrov. *Integrating Patient-Related Facts using Hospital Information System Data and Automatic Analysis of Free Text*. In Tjoa, A., G. Quirchmayr, L. Xu and I. You (Eds.), *Availability, Reliability and Security for Business, Enterprise and Health Information Systems*, Lecture Notes in Computer Science 6908, Springer 2011, ISSN: 0302-9743, pp. 89-101. SJR: 0.53, Scopus, Web of Science
- 36.** Boytcheva, S., D. Tcharaktchiev and G. Angelova. *Contextualization in automatic extraction of drugs from Hospital Patient Records*. In A. Moen at al. (Eds) *User Centred Networked Health Case*, Studies in Health Technology and Informatics 169, IOS Press 2011, ISBN print 978-1-60750-805-2, pp. 527-531. SJR: 0.263, Scopus, Web of Science
- 37.** Boytcheva, S. and G. Angelova. *A workbench for temporal event information extraction from patient records*. In: Ramsay, A. and G. Agre (Eds.), *Artificial Intelligence: Methodology, Systems, and Applications*, Lecture Notes in Artificial Intelligence 7557, Springer 2012, ISSN: 0302-9743, pp. 48-58. SJR: 0.552, Scopus
- 38.** Nikolova, I., G. Angelova, D. Tcharaktchiev and S. Boytcheva. *Medical Archetypes and Information Extraction Templates in Automatic Processing of Clinical Narratives*, In: Pfeiffer, H. et al. (Eds.) *Conceptual Structures for STEM Research and Education*, Lecture Notes in Computer Science 7735, Springer 2013, ISSN: 0302-9743, pp. 106-120. SJR: 0.310, Scopus, Web of Science
- 39.** Angelova, G., D. Tcharaktchiev, S. Boytcheva, I. Nikolova, H. Dimitrov and Z. Angelov. *From Individual EHR Maintenance to Generalised Findings: Experiments for Application of NLP to Patient-Related Texts*. In Kountchev R. and B. Iantovics (Eds), *Advances in Intelligent Analysis of Medical Data and Decision Support Systems*, Studies in Computational Intelligence 473, Springer 2013, Print ISSN 1860-949X, pp. 203-212. SJR: 0.209, Scopus
- 40.** Dichev, C., D. Dicheva, G. Agre, G. Angelova. *Current Practices, Trends and Challenges in K-12 Online Learning*. Cybernetics and Information Technology 2013, 13(3), ISSN 1311-9702, pp. 91-110. Индексира се от Scopus, SJR: 0.212, Scopus
- 41.** Dichev, C., D. Dicheva, G. Angelova, and G. Agre. *From Gamification to Gameful Design and Gameful Experience in Learning*. Cybernetics and Information Technologies 2014, 14(4), ISSN 1311-9702, pp. 80-100. SJR: 0.212, Scopus

- 42.** Nikolova, I., D. Tcharaktchiev, S. Boytcheva, Z. Angelov and G. Angelova. *Applying Language Technologies on Healthcare Patient Records for Better Treatment of Bulgarian Diabetic Patients*. In: G. Agre et al. (Eds.): *Artificial Intelligence: Methodology, Systems, and Applications*, Lecture Notes in Artificial Intelligence 8722, Springer 2014, ISSN: 0302-9743, pp. 92–103. SJR: 0.310, Scopus, Web of Science
- 43.** Dicheva, D., C. Dichev, G. Agre, and G. Angelova. *Gamification in Education: A Systematic Mapping Study*. Educational Technology & Society 18(3), 2015, ISSN:1176-3647, IF: 1.376, Scopus, Web of Science
- 44.** Boytcheva, S., G. Angelova, Z. Angelov, and D. Tcharaktchiev. *Text Mining and Big Data Analytics for Retrospective Analysis of Clinical Texts from Outpatient Care*. Cybernetics and Information Technologies 15(4), 2015, ISSN:13144081, pp. 58 - 77. SJR: 0.17, Scopus, Web of Science
- 45.** Dichev, C., D. Dicheva, G. Agre and G. Angelova. *Trends and Opportunities in Computer Science OER Development*. Cybernetics and Information Technologies 15(3), 2015, ISSN:1311-9702, pp. 114 - 126. SJR: 0.17, Scopus, Web of Science
- 46.** Dobreva, M., G. Angelova, and G. Agre. *Bridging the Gap between Digital Libraries and eLearning*. Cybernetics and Information Technologies 15(4), 2015, ISSN:1311-9702, pp. 92 - 110. Индексира се от Scopus, SJR: 0.17, Scopus, Web of Science
- 47.** Чаръкчиев, Д., С. Захариева, Г. Ангелова, Св. Бойчева, Ж. Ангелов и др. *Изграждане на национален регистър на болните от захарен диабет*. Социална медицина, 1(2), Научно дружество по социална медицина, информатика и здравен мениджмънт, 2015, ISSN:1310-1757, стр. 19 – 21. Достъпна онлайн на <http://journals.mu-varna.bg/index.php/sm/article/view/1345>
- 48.** Nikolova, I., S. Boytcheva, G. Angelova, and Z. Angelov. *Combining Structured and Free Textual Data of Diabetic Patients' Smoking Status*. In: Dichev, C. and G. Agre (Eds.), *Artificial Intelligence: Methodology, Systems, and Applications*, Lecture Notes in Artificial Intelligence 9883, Springer 2016, ISSN: 0302-9743, pp. 1-11. SJR: 0.252, Scopus, Web of Science
- 49.** Nikolova, I., D. Dicheva, G. Agre, Z. Angelov, G. Angelova, C. Dichev, and D. Madzharov. *Emerging Applications of Educational Data Mining in Bulgaria: The Case of UCHA.SE*. In: Margenov, S., G. Angelova and G. Agre (Eds.), *Innovative Approaches and Solutions in Advanced Intelligent Systems*, Studies in Computational Intelligence 648, Springer 2016, Print ISSN 1860-949X, pp. 113-131. SJR: 0.209, Scopus, Web of Science
- 50.** Nikolova, I., D. Dicheva, G. Agre, Z. Angelov, G. Angelova, C. Dichev, and D. Madzharov. *Exploring the Use of Resources in the Educational Site UCHA.SE*. In: Dichev, C. and G. Agre (Eds.), *Artificial Intelligence: Methodology, Systems, and Applications*, Lecture Notes in Artificial Intelligence 9883, Springer 2016, ISSN: 0302-9743, pp. 347-351. SJR: 0.252, Scopus, Web of Science
- 51.** Kanishcheva, O., G. Angelova and S. Nikolov. *Towards Translation of Tags in Large Annotated Image Collections*. In: Dichev, C. and G. Agre (Eds.), *Artificial Intelligence: Methodology, Systems, and Applications*, Lecture Notes in Artificial Intelligence 9883, Springer 2016, ISSN: 0302-9743, pp. 140-150. SJR: 0.252, Scopus, Web of Science
- 52.** Kanishcheva, O. and G. Angelova. *About Sense Disambiguation of Image Tag in Large Annotated Image Collections*. In: Margenov, S. et al. (Eds.), *Innovative Approaches and*

Solutions in Advanced Intelligent Systems, Studies in Computational Intelligence 648, Springer 2016, Print ISSN 1860-949X, pp. 133-149. SJR: 0.209, Scopus, Web of Science

53. Angelova, G., I. Nikolova, and Z. Angelov. *Embedding language technologies in a data analytics tool*. Advances in Bulgarian Sciences, National Centre for Information and Documentation, 2016, ISSN:1314-3565, pp. 29-42.

54. Boytcheva, S., G. Angelova, Z. Angelov and D. Tcharaktchiev. *Mining Clinical Events to Reveal Patterns and Sequences*. In: Margenov, S. et al. (Eds.), *Innovative Approaches and Solutions in Advanced Intelligent Systems*, Studies in Computational Intelligence 648, Springer 2016, Print ISSN 1860-949X, pp. 95-111. SJR: 0.209, Scopus, Web of Science

55. Boytcheva, S., G. Angelova, Z. Angelov and D. Tcharaktchiev. *Mining comorbidity patterns using retrospective analysis of big collection of outpatient records*. Health Information Science and Systems, 5(3), Springer International Publishing 2017, Online ISSN: 2047-2501, достъпна на <https://link.springer.com/article/10.1007/s13755-017-0024-y>. Web of Science, Scopus. Списанието се индексира от Emerging Sources Citation Index на Clarivate Analytics и PubMed Central

56. Boytcheva, S., G. Angelova, Z. Angelov and D. Tcharaktchiev. *Data Mining and Analytics for Exploring Bulgarian Diabetic Register*. Selected papers from DAMDID/RCDL 2017 conference (Moscow October 2017), Springer Communications in Computer and Information Science series vol. 882, 2018, pp. 19-33, ISSN 1865-0929, SJR(2017): 0.162, достъпна на https://link.springer.com/chapter/10.1007/978-3-319-96553-6_2

57. Mitkova, Z., K. Mitov, V. Valov, M. Manova, A. Savova, M. Kamusheva, D. Tcharaktchiev, Z. Angelov, G. Angelova, and G. Petrova. *Medical, social, and economic consequences of type 2 diabetes therapy with medicinal products from the group of DPP-4i, SGLT-2i and GLP-1 RA*. In “Letter to the Editor”, International Journal of Diabetes in Developing Countries, 2018, DOI 10.1007/s13410-018-0657-7, metrics 2016 IF: 0.366, SJR: 0,159, достъпна при поискване на https://www.researchgate.net/publication/325716304_Medical_social_and_economic_consequences_of_type_2_diabetes_therapy_with_medicinal_products_from_the_group_of_DPP-4i_SGLT-2i_and_GLP-1_RA. Пълният текст „*DPP-4i, SGLT-2i and GLP-1 RA therapy of type 2 diabetes –real life study of their medical, social, and economic consequences*“ е под ревю в BMC Endocrine Disorders (part of Springer Nature).

58. Stefchov, E., G. Angelova and P. Nakov. *Towards Constructing a Corpus for Studying the Effects of Treatments and Substances Reported in PubMed Abstracts*. In: G. Agre et al. (Eds.): AIMS 2018, Lecture Notes on Artificial Intelligence 11089, 2018, Springer Nature Switzerland AG 2018, https://doi.org/10.1007/978-3-319-99344-7_11. Излиза от печат на 12 септември 2018.

59. Kanishcheva, O., I. Nikolova and G. Angelova. *Evaluation of Automatic Tag Sense Disambiguation Using the MIRFLICKR Image Collection*. In: G. Agre et al. (Eds.): AIMS 2018, Lecture Notes on Artificial Intelligence 11089, 2018, Springer Nature Switzerland AG 2018, https://doi.org/10.1007/978-3-319-99344-7_6. Излиза от печат на 12 септември 2018.

Глави от книги

60. Pavlov, R., G. Angelova and E. Paskaleva. *On Experimental Linguistic Processors for Man-Computer Dialogue in Bulgarian*. In: W. Bibel, B. Petkoff (Eds.), Proceedings of the International Conference AIMS'84 (Artificial Intelligence: Methodology, Systems, Applications), Varna, Bulgaria, September 17-20, 1984, North-Holland 1985, ISBN 0-444-87743-6, pp. 169-174.

- 61.** Angelova, G. *Efficient Computation with Conceptual Graphs*. In: Hitzler, P. and H. Schärfe (Eds.) *Conceptual Structures in Practice*. Chapman & Hall/CRC Studies in Informatics Series, Boca Raton FL, May 2009, ISBN 978-1-4200-6062-1, pp. 73-98, Web of Science
- 62.** Ангелова, Г. *Генериране на текстове на естествен език в определена предметна област*. В: Стамбалиева, М. (съст.) *Компютърна лингвистика. Проблеми и перспективи*, кн. 1, Издание на Асоциация за национален електронен архив на българския език – АНАБЕЛА, София 2012, ISSN 1314-6823, стр. 158-195.
- 63.** Angelova, G. *Automatic Ontology Acquisition from Text: How Far Can We Progress?*. In: Petrov, V. and A. C. Scarfe (Eds.), *Dynamic Being - Essays in Process-Relational Ontology*, Cambridge Scholars Publishing, 2015, ISBN: 978-1-4438-7695-7, 19, pp. 364 – 382.

Научни публикации в рецензиирани сборници от конгреси и конференции, както и в тематични сборници

- 64.** Ангелова, Г. (НРБ), Борковский, А. (СССР), Вернер, В. (ГДР), Стрейны-Бринзой, Г. (CPP) и Хорошевский, Вл. (СССР). *Языки программирования для искусственного интеллекта*. В: “Представяне на знанията в човеко-машинни и робототехнически системи”, Заключителен отчет на Работна група 18 на КНВБТ (Комисията по научни въпроси на изчислителната техника на СИВ), Москва, ИЦ на АН на СССР, ВИНИТИ, 1984, Том С, стр. 31-72.
- 65.** Pavlov, R., V. Kiskinov and G. Angelova. *SPRINT- A System for Information Retrieval in Law*. In: G. Lasker (Ed.), Proceedings of the International Congress on Applied Systems Research and Cybernetics, Vol. 5, Pergamon press, 1981, pp. 2374-2377.
- 66.** Pavlov, R. and G. Angelova. *On an Approach for Designing Linguistic Processors*. In: Horecky, J. (Ed.) Proceedings of the 9th International Conference COLING'82, Prague 1982, ACADEMIA Publishing House of the Czechoslovak Academy of Sciences Prague, ISBN: 0 444 86393 1, Short Paper, pp. 222-225.
- 67.** Simov, K., and G. Angelova. *A Program Package for Automatical Segmentation of Bulgarian Wordforms*. In: Proceedings of the First Conference of Program Designers, Budapest, Eötvös Loránd University, July 1985, pp. 19-25.
- 68.** Simov, K., G. Angelova and E. Paskaleva. *MORPHO-ASSISTANT: The Proper Treatment of Morphological Knowledge*. In: Karlsgren, H. (Ed.) Proceedings of the 13th International Conference COLING'90, Helsinki, Finland, 1990, Vol. 3, University of Helsinki, ISBN 952-90-2027-9, pp. 453-457.
- 69.** v. Hahn, W. and G. Angelova. *Providing Factual Information in MAT*. In: *Machine Translation - Ten Years on*, Proceedings of the 2nd International Conference organised by Cranfield University in conjunction with the Natural Language Translation Specialist Group of the British Computer Society, Cranfield University, England, 12-14 November 1994, Cranfield University Press, ISBN: 1-87131-569-7, pp. 11/1 - 11/16.
- 70.** Angelova, G. *Naive Lexicon or Cryptic Formalisms? User Support in Machine Aided Translation*. In: Mitkov, R., N. Nicolov and N. Nikolov (Eds.), *Recent Advances of Natural Language Processing 1995*, Proceedings of the International Conference RANLP-95, Batak, Bulgaria, September 1995, Incoma Ltd. Shumen, pp. 286 - 292.

- 71.** Angelova, G. and K. Bontcheva. *NL Domain Explanations in Knowledge Based MAT*. In: Proceedings of the 16th International Conference on Computational Linguistics COLING-96, Copenhagen, Denmark, August 1996, Vol. 2, Center for Sprogteknologi 1996, pp.1016-1019. IF: 0,98. Достъпна в *Антологията на Асоциацията по компютърна лингвистика* на <http://aclweb.org/anthology/C/C96/C96-2177.pdf>
- 72.** Boncheva, K. and G. Angelova. *Planning and Generating Hypertext Documentation*. In: Jokinen, K. et al. (Eds.), Proceedings of W11: Workshop "Gaps and Bridges in NL Generation", European Conference on Artificial Intelligence ECAI-96, Budapest, Hungary, August 1996, pp. 25-28. Достъпна на <http://www.dcs.shef.ac.uk/~kalina/docgen.html> (gzipped postscript)
- 73.** Angelova, G., E. Paskaleva and E. Djerassi. *TermKIT: an Environment for Knowledge Based Research of Terminology*. In: Dochev, D., V. Stefanuk and H. Ueno (Eds.), Proceedings of the 2nd Joint Conference of Knowledge Based Software Engineering (JCKBSE-96), organised in cooperation with the Japanese AI Society and Russian Academy of Sciences, Sozopol, Bulgaria, 21-22 September 1996, pp. 154-162.
- 74.** v. Hahn, W. and G. Angelova. *Combining Terminology, Lexical Semantics and Knowledge Representation in Machine Aided Translation*. In Galinski, C. and K.-D. Schmitz (Eds.), *Terminology and Knowledge Engineering*, Proceedings of the 4th International Congress on TKE-96, Vienna, August 1996, INDEKS Verlag, Frankfurt/M., pp. 304-314. IF: 0,17
- 75.** Angelova, G. and K. Bontcheva. *Refining Domain Ontologies for Flexible Explanation Generation*. In: Mitkov, R., N. Nicolov and N. Nikolov (Eds.), *Recent Advances of Natural Language Processing 1997*, Proceedings of the International Conference RANLP-97, Batak, Bulgaria, September 1997, Incoma Ltd., Shumen, pp. 258-263.
- 76.** Ангелова, Г. *Терминология и методи за представяне на знания*. Трудове на Юбилейната научна конференция 25 години Шуменски университет “Ен. Константин Преславски”, Шумен, 1996, Том Математика и Информатика Част I, Университетско издателство “Ен. Константин Преславски”, Шумен, 1997, стр. 113-116.
- 77.** Angelova, G. *Ontologies for Natural Language Processing Applications*. Доклад по покана на OntoLex 2000. In: Simov, K. and A. Kiryakov (Eds.), *Ontologies and Lexical Knowledge Bases*, Proceedings of the First International Workshop on Ontologies and Lexical Knowledge Bases OntoLex 2000, Sozopol, Bulgaria, 8-10 September 2000, pp. 1-15. (Доклад по покана)
- 78.** Angelova, G. *Conceptual Graphs and Natural Language*. In S.A. Cerri and D. Maraschi (Eds.), Proceedings of the Int. Workshop Web Information Technologies: Research, Education and Commerce (WITREC-2000), University Montpellier II, France, May 2000, pp. 9-21.
- 79.** Angelova, G., A. Nenkova, S. Boycheva and T. Nikolov. *Conceptual graphs as a knowledge representation core in a complex language learning environment*. In: Stumme, G. (Ed.) *Working with Conceptual Structures: Contributions to ICCS 2000*, Proc. of the 8th International Conference on Conceptual Structures ICCS-2000, Darmstadt, Germany, August 2000, Shaker Verlag, ISBN 3-8265-7669-1, ISSN 0945-0807, pp. 45-58.
- 80.** Boytcheva S., P. Dobrev and G. Angelova. *CGExtract: towards Extraction of Conceptual Graphs from Controlled English*. In: G. Mineau (Ed.), *Conceptual Structures: Extracting and Representing Semantics*, Contributions to ICCS-2001, the 9th Int. Conference on Conceptual Structures, Stanford, California 2001, pp. 89-116. CEUR Workshop Proceedings, ISSN 1613-0073, vol. 41 (<http://ftp.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-41/>). SJR: 0,101, Scopus

- 81.** Angelova G., S. Boytcheva, O. Kalaydjiev and A. Strupchanska. *Between language correctness and domain knowledge in CALL*. In: Mitkov, R., G. Angelova, K. Bontcheva, N. Nicolov and N. Nikolov (Eds.), *Recent Advances in Natural Language Processing 2001*, Proceedings of the EuroConference RANLP-2001, Tzgov Chark, Bulgaria, ISBN 954-90906-1-2, pp. 40-46.
- 82.** Angelova G., S. Boytcheva, O. Kalaydjiev, S. Trausan-Matu, P. Nakov and A. Strupchanska. *Adaptivity in Web-based CALL*. In: van Harmelen, F. (Ed.), Proceedings of ECAI-2002, the 15th European Conference on Artificial Intelligence, Frontiers in Artificial Intelligence and Applications 77, IOS Press 2002, ISBN 978-1-58603-257-9, pp. 445-449. IF: 0,69, Web of Science
- 83.** Kalaydjiev, O. and G. Angelova. *Adaptive Hypermedia in eLearning*. In Turlakov, H. and L. Boyanov (eds.) *Next Generation Network Computing*, Proceedings of the Next Generation Network Workshop, Rousse, Bulgaria, October 2002, pp. 87-98.
- 84.** Angelova, G., K. Bontcheva, and K. Toutanova. *Interactive Generation of Bulgarian and German NL Explanations in Encyclopaedic Style*. In: Piperidis, S. and V. Karkaletsis (Eds.), Proc. First Workshop on *Balkan Language Resources and Tools*, November 2003, Thessaloniki, Greece, a satellite event of the First Balkan Conference on Informatics, Incoma Ltd. Shumen, ISBN 954-90906-7-1 2003, pp. 1-8.
- 85.** Nakov P., E. Valchanova and G. Angelova. *Towards deeper Understanding of the LSA Performance*. In: Angelova, G. et al. (Eds.). *Proceedings of the International Conference RANLP-03 "Recent Advances in Natural Language Processing"*, 10-12 Sept. 2003, Publ. by Incoma Ltd., Shumen 2003, ISBN: 954-90906-6-3, pp. 311-318. Съкратена версия в Nicolov, N., K. Bontcheva, G. Angelova and R. Mitkov (Eds), *Recent Advances in Natural Language Processing III. Selected papers from RANLP-03*, Series "Current Issues in Linguistic Theory", Vol. 260, John Benjamins Publ. Co., Amsterdam 2004, ISSN: 0304-0763, pp. 297-306. Web of Science
- 86.** Nakov P., Y. Bonev, G. Angelova, E. Gius and W.v. Hahn. *Guessing Morphological Classes of Unknown German Nouns*. In: Angelova, G. et al. (Eds.). *Proceedings of the International Conference RANLP-03 "Recent Advances in Natural Language Processing"*, 10-12 Sept. 2003, Publ. by Incoma Ltd., Shumen 2003, ISBN:954-90906-6-3, pp. 319-326. Съкратена версия в N. Nicolov, K. Bontcheva, G. Angelova and R. Mitkov (Eds), *Recent Advances in Natural Language Processing III. Selected papers from RANLP-03*, Series "Current Issues in Linguistic Theory", Vol. 260, John Benjamins Publ. Co., Amsterdam 2004, ISSN: 0304-0763, pp. 347-356. Web of Science
- 87.** Boytcheva S., I. Vitanova, A. Strupchanska, M. Yankova, and G. Angelova. *Towards the assessment of free learner's utterances in CALL*. In: Delmonte, R., P. Delcloque, and S. Tonelli (Eds.) *NLP and Speech Technologies in Advanced Language Learning Systems*, Proceedings of the InSTIL/ICALL 2004 Symposium on Computer Assisted Language Learning, Venice, 2004, pp. 187-190. Достъпна на http://lml.bas.bg/~svetla/Publications/iic4_044.pdf
- 88.** Angelova G., A. Strupchanska, O. Kalaydjiev, S. Boytcheva and I. Vitanova. *Terminological Grid and Free Text Repositories in Computer-Aided Teaching of Foreign Language Terminology*. In Monachesi, P., C. Vertan, W. v. Hahn and S. Jekat (Eds.), Proceedings "Language Resources: Integration & Development in e-learning & in Teaching Computational Linguistics", International Workshop at LREC 2004, Lisbon, 2004, pp. 35-40. ELRA - European Language Resources Association, ISBN 2-9517408-1-6. Сборникът е достъпен он-лайн на <http://www.lrec-conf.org/proceedings/lrec2004/> от меню Workshops.

- 89.** Angelova G., A. Strupchanska, O. Kalaydjiev, M. Yankova, S. Boytcheva and I. Vitanova. *Towards deeper understanding and personalisation in eCALL*. In Lemnitzer, L., Meurers, and Hinrichs (Eds.), Proceedings "eLearning for Computational Linguistics and Computational Linguistics for eLearning", International Workshop at COLING 2004, Geneva 2004, pp. 45-52. Достъпна в *Антологията на Асоциацията по компютърна лингвистика* на <http://aclweb.org/anthology/W/W04/W04-1707.pdf>
- 90.** Angelova, G., S. Mihov, and A. Strupchanska. *FSA Employed for Efficient Implementation of CG Projection and Matching*, In: P. Hitzler, H. Schärfe, P. Ohrstrom (Eds.), Inspiration and Application, Contributions to the International Conference on Conceptual Structures ICCS-2006, Aalborg, Denmark, Aalborg University Press 2006, ISBN 87-7307-768-2, pp. 1-14.
- 91.** v. Hahn, W. and G. Angelova. *Conceptual Foundations of Terminological Collections*. In Slavcheva, M. G. Angelova, and K. Simov (Eds.) *Readings in Multilinguality*, Incoma Ltd., Shumen 2006, Bulgaria, ISBN-10: 954-91743-6-0, ISBN-13: 978-954-91743-6-6, pp. 49-56.
- 92.** Dobrev, P. and G. Angelova. *Visualisation of Semantic Content and Interoperability*. In: Heather Pfeiffer, Adil Kabbaj, David Benn (eds.), Proceedings of the Second Conceptual Structures Tool Interoperability Workshop, Sheffield, 22 July 2007, published by Research Press International, ISBN 1-897851-16-2, July 2007, pp. 21-34. Достъпен на https://www.academia.edu/7802188/Second_Conceptual_Structures_Tool_Interoperability_Workshop
- 93.** Angelova, G. *Conceptual Resources in Knowledge-Based Natural Language Processing*. In *Mathematical and Computational Linguistics*, Proc. of the Jubilee International Conference dedicated to the 30th anniversary of the Mathematical Linguistics Department at IMI-BAS, July 2007, Sofia, Bulgaria, ISBN 978-954-8986-28-1, pp. 129-136.
- 94.** Ангелова, Г. *Езиковите технологии днес и утре*. Доклад по покана на Пролетната Конференция на СМБ, Боровец, април 2008. В: Сборник трудове на 37-мата Пролетна конференция на Съюза на Математиците в България, ISSN 1313-3330, София, 2008, стр. 68-85.
- 95.** Angelova, G. and S. Mihov. *Finite State Automata and Simple Conceptual Graphs with Binary Conceptual Relations*. In: Eklund, P. and O. Haemmerlé (Eds.), Supplementary Proceedings of ICCS-2008, the 16th Int. Conference on Conceptual Structures, CEUR Workshop Proceedings 2008, Vol. 354, ISSN 1613-0073, pp. 139-148 (електронно издание <http://ftp.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-354/>). Индексира се от Scopus
- 96.** Boytcheva, S., E. Paskaleva, I. Nikolova, and G. Angelova. *Extracting Patient-Related Description from Medical Records in Bulgarian*. In: Dicheva, D., R. Nikolov and E. Stefanova (Eds.) *Software, Services & Semantic Technologies S3T-2009*, Proc. of the International Conference held on 28-29 Oct. 2009, Sofia, Bulgaria, ISBN 978-954-9526-62-2, pp. 21-28.
- 97.** Boytcheva, S., I. Nikolova, E. Paskaleva, G. Angelova, D. Tcharaktchiev and N. Dimitrova. *Extraction and Exploration of Correlations in Patient Status Data*. In: Savova, G., V. Karkaletsis and G. Angelova (Eds). *Biomedical Information Extraction*, Proceedings of the International Workshop held in conjunction with RANLP-09, Borovets, Bulgaria, 18 September 2009, Incoma Ltd. Shumen 2009, ISBN 978-954-452-013-7, pp. 1-7. Достъпна в *Антологията на Асоциацията по компютърна лингвистика* на <http://aclweb.org/anthology/W/W09/W09-4501.pdf>
- 98.** Tcharaktchiev D., Boytcheva S., Nikolova I., Paskaleva E., Angelova G., Dimitrova., N. *Generating Structured Patient Data via Automatic Analysis of Free Medical Text*, In Jordanova

M. and F. Lievens (Eds) Global Telemedicine / eHealth Updates: Knowledge Resources, Vol. 3, Publ. ISfTeH, Luxembourg 2010, ISSN 1998-5509, pp. 356-359.

- 99.** Tcharaktchiev, D., G. Angelova, N. Dimitrova, S. Boytcheva, E. Paskaleva, I. Nikolova, and H. Dimitrov. *Novel trends in medical research using automatic processing of text based hospital patient records*. In: Kioulafas K. and M. Katharaki (Eds.) Electronic CD-ROM proc. of the 8th Int. Conf. on ICT in Health (8th ICICTH 2010), July 2010, Samos, National and Kapodistrian University of Athens, Greece, ISBN: 978-960-466-059-9, ISSN: 1790-3904.
- 100.** Boytcheva, S., I. Nikolova, E. Paskaleva, G. Angelova, D. Tcharaktchiev and N. Dimitrova. *Structuring of Status Descriptions in Hospital Patient Records*. In Ananiadou, S., K. B. Cohen and D. Demner-Fushman (Eds.), Proceedings of the 2nd International Workshop on *Building and Evaluating Resources for BioMedical Text Mining*, associated to the 7th Int. Conf. on Language Resources and Evaluation (LREC-2010), ISBN 2-9517408-6-7, Malta, May 2010, pp. 31-36. Достъпна на <http://www.nactem.ac.uk/biotxtm/papers/Boytcheva.pdf>
- 101.** Angelova, G. and S. Boytcheva. *Towards Temporal Segmentation of Patient History in Discharge Letters*. In: Savova, G., K. B. Cohen and G. Angelova (Eds). *Biomedical Natural Language Processing*, Proceedings of the International Workshop held in conjunction with RANLP-11, Hissar, Bulgaria, 15 September 2011, Published by Incoma Ltd., Shumen 2011, ISBN 978-954-452-020-5, pp. 49-54. Достъпна в *Антологията на Асоциацията по компютърна лингвистика* на <http://aclweb.org/anthology-new/W/W11/W11-4208.pdf>
- 102.** Boytcheva, S., G. Angelova, and I. Nikolova. *Automatic Analysis of Patient History Episodes in Bulgarian Hospital Discharge Letters*, In: Proceedings of the Demonstrations at EACL 2012, April 2012, Avignon, France, ISBN 978-1-937284-19-0, pp. 77-81. Достъпна в *Антологията на Асоциацията по компютърна лингвистика* на <http://www.aclweb.org/anthology-new/E/E12/E12-2016.pdf> Индексира се от Scopus
- 103.** Temnikova, I., N. D. Hailu, G. Angelova, and K. B. Cohen. *Measuring Closure Properties of Patent Sublanguages*. In: Angelova, G., K. Bontcheva, and R. Mitkov (Eds.), Proceedings of the International Conference Recent Advances in Natural Language Processing (RANLP 2013), September 7-13, 2013, Hissar, Bulgaria, Incoma Ltd., Shumen, ISSN 1313-8502, 2013, pp. 659-666. <https://aclweb.org/anthology/R/R13/R13-1086.pdf> Индексира се от Scopus
- 104.** Temnikova, I., I. Nikolova, W. A. Baumgartner, G. Angelova, K. B. Cohen. *Closure Properties of Bulgarian Clinical Text*. In: Angelova, G., K. Bontcheva, and R. Mitkov (Eds.), Proceedings of the International Conference Recent Advances in Natural Language Processing (RANLP 2013), September 7-13, 2013, Hissar, Bulgaria, Incoma Ltd., Shumen, ISSN 1313-8502, 2013, pp. 667-675. <https://aclweb.org/anthology/R/R13/R13-1087.pdf> Индексира се от Scopus
- 105.** Nikolova, I., I. Temnikova and G. Angelova. *Enriching Patent Search with External Keywords: a Feasibility Study*. In: Angelova, G., K. Bontcheva, and R. Mitkov, Proceedings of the International Conference Recent Advances in Natural Language Processing (RANLP 2013), September 7-13, 2013, Hissar, Bulgaria, Incoma Ltd., Shumen, ISSN 1313-8502, 2013, pp. 525-531, <https://aclweb.org/anthology/R/R13/R13-1069.pdf> Индексира се от Scopus
- 106.** Angelova, G. *Automatic information extraction from patient records in Bulgarian Language*. In Rachev, B. and A. Smrikarov (Eds.), Proceedings of CompSysTech-2013, the 14th International Conference on Computer Systems and Technologies, ACM Digital Library, pp. 11-14, doi>[10.1145/2516775.2516777](https://doi.org/10.1145/2516775.2516777) (Доклад по покана) Индексира се от Scopus
- 107.** Temnikova, I., W. A. Baumgartner Jr., N. D. Hailu, I. Nikolova, T. Mcenery, A. Kilgarriff, G. Angelova and K. B. Cohen. *Sublanguage Corpus Analysis Toolkit: a Tool for Assessing the*

Representativeness and Sublanguage Characteristics of Corpora. In Nicoletta Calzolari et. al. (Eds.), Proceedings of the 9th International Conference on Language Resources and Evaluation (LREC'14), 26-31 May 2014, Reykjavik, Iceland, Publisher European Language Resources Association (ELRA), 1714-1718, ISBN 978-2-9517408-8-4. Достъпна в PubMed Central на <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5860848/>, Scopus, Web of Science

108. Angelova, G. *Language Technologies In Healthcare*, In: Colhon M., A. Iftene, V. B. Mititelu, D. Cristea, D. Tufis (Eds.), Proceedings of the 10th International Conference on Linguistic Resources and Tools for Processing the Romanian Language, Publishing House of the "Alexandru Ioan Cuza" University, Iasi, Romania, 2014, 3-7, ISSN 1843-911X. (Доклад по покана)

109. Van-Hieu Vu, Hai-Son Le, O. Kanishcheva, and G. Angelova. *Fine-tuning SIMPLE based Content Based Image Retrieval system*. In Proceedings of the 6th International Symposium on Information and Communication Technology (SoICT 2015), Hue City, Viet Nam December 03-04, 2015, Published by ACM New York, NY, USA, 2015, ISBN: 978-1-4503-3843-1, DOI: [10.1145/2833258.2833273](https://doi.org/10.1145/2833258.2833273), pp. 231-238.

110. Tcharaktchiev, D., S. Boytcheva, Z. Angelov, I. Nikolova, and G. Angelova. *Towards Integrated Analysis of Risk Factors and Diabetes Prevention using Big Data and Natural Language Processing*. Proceedings of the Seventh International Conference on eHealth, Telemedicine, and Social Medicine (eTELEMED 2015), 1, IARIA XPS Press, 2015, ISBN: 978-1-61208-384-1, ISSN: 2308-4359, pp. 124–129. Достъпна в Интернет на https://www.thinkmind.org/download.php?articleid=etelemed_2015_5_40_40277

111. Nikolova, I., I. Zamanov, M. Kraeva, N. Hateva, I. Yovcheva, and G. Angelova. *Voltron: A Hybrid System for Answer Validation Based on Lexical and Distance Features*. Proceedings of the 9th International Workshop on Semantic Evaluation (SemEval 2015), Association for Computational Linguistics, 2015, ISBN: 978-1-941643-40, pp. 242 – 246. Достъпна в Антологията на Асоциацията по компютърна лингвистика на <http://www.aclweb.org/anthology/S/S15/S15-2043.pdf>

112. Kanishcheva O. and G. Angelova. *A Pipeline Approach to Image Auto-Tagging Refinement*. In: Bădică, C. and Y. Manolopoulos (Eds.), Proc. of the 7th Balkan Conference on Informatics, Published by ACM New York, NY, USA 2015, ISSN: 978-1-4503-3335-1, DOI: [10.1145/2801081.2801108](https://doi.org/10.1145/2801081.2801108). Достъпна на <https://dl.acm.org/citation.cfm?id=2801108> Индексира се от Scopus.

113. Kanishcheva O. and G. Angelova. *About Emotion Identification in Visual Sentiment Analysis*. In: Angelova, G. et al. (Eds.) Proceedings of the International Conference Recent Advances in Natural Language Processing RANLP 2015, Hissar, Bulgaria, September 2015, published by Incoma Ltd., Shumen 2015, ISSN:1313-8502, pp. 258 – 265. Достъпна в Антологията на Асоциацията по компютърна лингвистика на <http://www.aclweb.org/anthology/R15-1035>. Индексира се от Scopus

114. Mihaylova, T., P. Gencheva, M. Boyanov, I. Yovcheva, T. Mihaylov, M. Hardalov, Y. Kiprov, D. Balchev, I. Koychev, P. Nakov, I. Nikolova and G. Angelova. *SUPER Team at SemEval-2016 Task 3: Building a Feature-Rich System for Community Question Answering*. Proceedings of the 10th International Workshop on Semantic Evaluation (SemEval-2016), Association for Computational Linguistics, 2016, pp. 836-843. Достъпна в Антологията на Асоциацията по компютърна лингвистика на <http://www.aclweb.org/anthology/S16-1129> Индексира се от Scopus.

115. Boytcheva, S., G. Angelova, Z. Angelov and D. Tcharaktchiev. *Integrating Data Analysis Tools for Better Treatment of Diabetic Patients*. In: Kalinichenko, L. et al. (Eds) Proceedings of the XIX International Conference on Data Analytics and Management in Data Intensive Domains (DAMDID/RCDL 2017), Moscow, Russia, October 11-14, 2017, Vol-2022, CEUR Workshop Proceedings 2017, ISSN:1613-0073, pp. 229-236. Индексира се от Scopus. Достъпна в Интернет на <http://ceur-ws.org/Vol-2022/paper38.pdf>

116. Boytcheva, S., I. Nikolova, and G. Angelova. *Mining Association Rules from Clinical Narratives*. In: Angelova, G. et al. (Eds.) Proceedings of the International Conference Recent Advances in Natural Language Processing RANLP 2017, Varna, Bulgaria, 4-6 Sept. 2017, Incoma Ltd., Shumen 2017, ISBN: 978-954-452-049-6, ISSN: 2603-2813, DOI: [10.26615/978-954-452-049-6_019](https://doi.org/10.26615/978-954-452-049-6_019), pp. 130-138. Индексира се от Scopus. Достъпна на <http://acl-bg.org/proceedings/2017/RANLP%202017/pdf/RANLP019.pdf>

117. Radev, I., K. Simov, G. Angelova and S. Boytcheva. *Annotation of Clinical Narratives in Bulgarian language*. In: Boytcheva, s. et al. (Eds.) Proceedings of the Biomedical NLP Workshop associated with RANLP 2017, 8 Sept. 2017, Varna, Bulgaria, Incoma Ltd., Shumen 2017, ISBN: 978-954-452-044-1, DOI: [10.26615/978-954-452-044-1_011](https://doi.org/10.26615/978-954-452-044-1_011), pp. 81-87. Достъпна на acl-bg.org/proceedings/2017/RANLP_W4%202017/pdf/BioNLP011.pdf

Като редактор на Сборници трудове от конференции

118. Angelova G., K. Bontcheva, R. Mitkov, N. Nikolov and N. Nikolov (Eds.) *Proceedings of the EuroConference "Recent Advances in Natural Language Processing" RANLP-2001, September 2001, Tzigov Chark, Bulgaria*. Incoma Ltd., Shumen 2001, ISBN 954-90906-1-2, 302 pages.

119. Angelova G., D. Corbett, and U. Priss (Eds.) *Foundations and Applications of Conceptual Structures. Contributions to ICCS-2002, the 10th International Conference on Conceptual Structures*, Borovets, Bulgaria. Incoma Ltd., Shumen 2002, ISBN 954-90906-4-7, 114 pages.

120. Priss, U., D. Corbett, and G. Angelova (Eds.) *Conceptual Structures: Integration and Interfaces. Proceedings of the 10th International Conference on Conceptual Structures (ICCS-2002), Borovets, Bulgaria*. Lecture Notes in Artificial Intelligence 2393, Springer 2002, ISSN: 0302-9743, 397 pages.

121. Cunningham, H., E. Paskaleva, K. Bontcheva and G. Angelova (Eds.). *Proceedings of the International Workshop "Information Extraction for Slavonic and Other Central and Eastern European Languages"*, Borovets, Bulgaria, September 8-9 2003, Context, Sofia 2003, ISBN 954-8361-06-X, 107 pages.

122. Angelova, G., K. Bontcheva, R. Mitkov, N. Nicolov, and N. Nikolov (Eds.). *Proceedings of the International Conference RANLP-03 "Recent Advances in Natural Language Processing"*, Borovets, Bulgaria, 10-12 September 2003, Incoma Ltd., Shumen 2003, ISBN:954-90906-6-3, 527 pages.

123. Nicolov, N., K. Bontcheva, G. Angelova and R. Mitkov (Eds.). *Recent Advances in Natural Language Processing III. Selected papers from RANLP-03*. Series "Current Issues in Linguistic Theory", Volume 260, John Benjamins Publ. Co., ISSN: 0304-0763, Amsterdam, 2004, 402 pages.

124. Angelova, G., K. Bontcheva, R. Mitkov, N. Nicolov, and N. Nikolov (Eds.). *Proceedings of the International Conference RANLP-05 "Recent Advances in Natural Language*

Processing", Borovets, Bulgaria, 21-23 September 2005, Published by Incoma Ltd., Shumen, ISBN 954-91743-3-6, 636 pages. Индексира се от Scopus

125. Angelova, G., K. Boyanov, K. Fillyov and Vl. Getov (Eds.). *John Vincent Atanasoff Information Days 2006*. Proceedings of the Young Researchers Session, within the frame of IEEE 2006 J. V. Atanasoff International Symposium on Modern Computing. Sofia, October 2006, ISBN-10: 954-91743-5-2, ISBN-13: 978-954-91743-5-9, 104 pages.
126. Slavcheva, M., G. Angelova, and K. Simov (Eds.) *Readings in Multilinguality*, INCOMA Ltd., Shumen, Bulgaria, December 2006, ISBN-10: 954-91743-6-0, ISBN-13: 978-954-91743-6-6, 155 pages.
127. Nicolov, N., K. Bontcheva, G. Angelova and R. Mitkov (Eds.). *Recent Advances in Natural Language Processing IV. Selected papers from RANLP-05*. Series "Current Issues in Linguistic Theory", Volume 292, John Benjamins Publ. Co., ISSN: 0304-0763, Amsterdam, 2007, 307 pages.
128. Angelova, G., K. Bontcheva, R. Mitkov, N. Nicolov, and N. Nikolov (Eds.), *Proceedings of the International Conference RANLP-07 "Recent Advances in Natural Language Processing"*, Borovets, Bulgaria, Published by Incoma Ltd., Shumen, ISBN 978-954-91743-7-3, 2007, 665 pages. Индексира се от Scopus
129. Nicolov, N., G. Angelova, and R. Mitkov (Eds.). *Recent Advances in Natural Language Processing V: Selected papers from RANLP 2007*. Series "Current Issues in Linguistic Theory", Volume 309, John Benjamins Publ. Co., ISSN: 0304-0763, Amsterdam 2009, 338 pages.
130. Priss, U. and G. Angelova (Eds) *Conceptual Structures for Extracting Natural language SEMantics*, Proceedings of the Int. Workshop SENSE-09 held in conjunction with the 17th International Conference on Conceptual Structures (ICCS'09), CEUR Workshop Proceedings ISSN 1613-0073, Vol. 476, July 2009. Достъпен на <http://CEUR-WS.org/Vol-476/>.
131. Angelova, G., K. Bontcheva, R. Mitkov, N. Nicolov, and N. Nikolov (Eds.) *Proceedings of the International Conference RANLP-09 "Recent Advances in Natural Language Processing"*, Borovets, Bulgaria, 14-16 September 2009, Published by Incoma Ltd., Shumen, ISSN 1313-8502, 2009, 494 pages. Достъпен в *Антологията на Асоциацията по компютърна лингвистика* на <http://aclweb.org/anthology/R/R09/>. Индексира се от Scopus
132. Savova, G., V. Karkaletsis and G. Angelova (Eds). *Biomedical Information Extraction*, Proceedings of the Int. Workshop held in conjunction with RANLP-09, Borovets, Bulgaria, 18 September 2009, Published by Incoma Ltd., Shumen, ISBN 978-954-452-013-7, 2009, 56 pages. Достъпен в *Антологията на Асоциацията по компютърна лингвистика* на <http://aclweb.org/anthology/W/W09/#4500>.
133. Beuscart R., D. Tcharaktchiev, and G. Angelova (Eds.) *Patient Safety through Intelligent Procedures in Medication*, Proceedings of the International PSIP Workshop held in Sofia on 23 June 2011, Incoma Ltd., Shumen, ISBN 978-954-452-015-1, 2011, 56 pages.
134. Angelova, G., K. Bontcheva, R. Mitkov, and N. Nikolov (Eds.) *Proceedings of the International Conference RANLP-11 "Recent Advances in Natural Language Processing"*, Hissar, Bulgaria, 12-14 September 2011, Published by Incoma Ltd., Shumen, ISSN 1313-8502, 2011, 786 pages. Достъпен в *Антологията на Асоциацията по компютърна лингвистика* на <http://aclweb.org/anthology/R/R11/>. Индексира се от Scopus
135. Savova, G., K. B. Cohen and G. Angelova (Eds). *Biomedical Natural Language Processing*, Proceedings of the Second International Workshop held in conjunction with

RANLP-11, Hissar, Bulgaria, 15 September 2011, Published by Incoma Ltd., Shumen, ISBN 978-954-452-020-5, 2011, 65 pages. Достъпен в *Антологията на Асоциацията по компютърна лингвистика* на <http://aclweb.org/anthology/W/W11/#4200>.

136. Angelova, G., K. Bontcheva, and R. Mitkov (Eds.) *Proceedings of the International Conference RANLP-13 “Recent Advances in Natural Language Processing”*, Hissar, Bulgaria, 9-11 September 2013, Published by Incoma Ltd., Shumen, ISSN 1313-8502, 2013, 771 pages. Достъпен в *Антологията на Асоциацията по компютърна лингвистика* на <https://aclweb.org/anthology/R/R13/>. Индексира се от Scopus

137. Savova, G., K. B. Cohen and G. Angelova (Eds). *NLP for Medicine and Biology 2013*, Proceedings of the International Workshop held in conjunction with RANLP-13, Hissar, Bulgaria, 13 September 2013, Published by Incoma Ltd., Shumen, ISBN 978-954-452-024-3, 2013, 35 pages. Достъпен в Интернет в *Антологията на Асоциацията по компютърна лингвистика* на <http://www.aclweb.org/anthology/W/W13/W13-51.pdf>

138. Angelova, G., K. Bontcheva, and R. Mitkov (Eds.) *Proceedings of the International Conference RANLP-15 “Recent Advances in Natural Language Processing”*, Hissar, Bulgaria, 7-9 September 2015, Published by Incoma Ltd., Shumen, ISSN 1313-8502, 2015, 773 pages. Достъпен в Интернет в *Антологията на Асоциацията по компютърна лингвистика* на <http://www.aclweb.org/anthology/R/R15/>. Индексира се от Scopus

139. Margenov, S., G. Angelova and G. Agre (Eds.) *Innovative Approaches and Solutions in Advanced Intelligent Systems. Studies in Computational Intelligence* 648, Springer, ISSN:1860-949X, 2016, 334 pages. Индексира се от Scopus

140. Angelova, G., K. Bontcheva, R. Mitkov, I. Nikolova and I. Temnikova (Eds.) *Proceedings of the International Conference RANLP-17 “Recent Advances in Natural Language Processing”*, Varna, Bulgaria, 4-6 September 2017, Published by Incoma Ltd., Shumen, Print ISSN 1313-8502, Print ISBN 978-954-452-048-9, 2017, 846 pages. Достъпен в *Антологията на Асоциацията по компютърна лингвистика* на <http://www.aclweb.org/anthology/R/R17/> и на сайта с регистрация на DOI-номерата <http://www.acl-bg.org/proceedings/2017/RANLP%202017/>. Индексира се от Scopus

141. Boytcheva, S., K. B. Cohen, G. Savova and G. Angelova (Eds). *Biomedical Natural Language Processing*, Proceedings of the International Workshop associated with RANLP-17, Varna, Bulgaria, 8 September 2017, Published by Incoma Ltd., Shumen, ISBN 978-954-452-044-1, 2017, 86 pages. Достъпен в *Антологията на Асоциацията по компютърна лингвистика* на <http://aclweb.org/anthology/W/W17/#8000> и на сайта с регистрация на DOI-номерата http://www.acl-bg.org/proceedings/2017/RANLP_W4%202017/index.html.

Учебни пособия, отчети и статии в издания за популяризиране на науката

142. Ангелова, Г. и Р. Павлов. *Математическа лингвистика*. Брошура за задочната школа по математика, 1981, 40 страници.

143. Ангелова, Г. *Лингвистични задачи*. Брошура за задочната школа по математика, 1983, 38 страници.

144. Ангелова, Г. и др. [колектив] *Компютър и естествен език. Актуални проблеми на науката*, 1988, кн. 4, Център за научна информация, БАН, 52 страници.

145. E. Paskaleva, G. Angelova, M. Yankova, K. Bontcheva, H. Cunningham and Y. Wilks. *Slavonic named entities in GATE*. Technical Report CS-02-01, University of Sheffield, 2002.

Достъпна на <http://www.dcs.shef.ac.uk/intranet/research/public/resmes/CS0201.pdf>
(Отчетът е включен в списъка заради цитиранията)

146. Ангелова, Г. *Езикови технологии от Източна Европа на LangTech 2002*. В: Е. Паскалева (ред.), Езикови технологии и софтуерен пазар, Сборник трудове на Националния информационен ден по проекта EuroMap, София 2003, стр. 25-41.

147. Kravcik, M., G. Angelova, S. Ceri, A. Cristea, V. Damjanović, et al. *Requirements and Solutions for Personalized Adaptive Learning*. Research report of the ProLearn Network of Excellence (IST 507310), Deliverable 1.1. 2005, достъпен в Интернет на <https://hal.archives-ouvertes.fr/hal-00590961> (Отчетът е включен в списъка заради цитиранията към него)

148. Ангелова, Г. *Проект AComIn – съвременните изчисления в полза на иновациите*. Списание „Наука“, 5, Съюз на учените в България, 2016, ISSN: 0861 3362, стр. 12-18. Броят е достъпен в Интернет на <http://www.bvu-bg.eu/nmvb/nauka/5-2016.pdf>