

PUBLICATII

a) Lista celor mai reprezentative

1. Anca Marginean. *Question answering over biomedical linked data with grammatical framework*. Semantic Web, 8(4):565–580, 2017. [cWoS, DBLP, factor impact 2.889, Q1].
2. Pete Donnell, Murad Banaji, Anca Marginean, and Casian Pantea. *CoNtRol: an open source framework for the analysis of chemical reaction networks*. Bioinformatics, 30(11):1633–1634, 2014. [cWoS, DBLP, factor impact 7.307, Q1].
3. Ioan Alfred Letia and Anca Marginean. *Client Provider Collaboration for Service Bundling*. Advances in Electrical and Computer Engineering, 8(1):36–43, 2008. [cWoS, factor impact 0.642].
4. Anca Nicoleta Marginean and Kando Eniko. *Towards lexicalization of dbpedia ontology with unsupervised learning and semantic role labeling*. In James H. Davenport, Viorel Negru, Tetsuo Ida, Tudor Jebelean, Dana Petcu, Stephen M. Watt, and Daniela Zaharie, editors, 18th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, SYNASC 2016, Timisoara, Romania, September 24-27, 2016, pages 256–263. IEEE Computer Society, 2016. [ISI proceeding, DBLP, IEEEExplore].
5. Anca Nicoleta Marginean, Andra Petrovai, Radu Razvan Slavescu, Mihai Negru, and Sergiu Nedevschi. *Enhancing digital maps to support reasoning on traffic sign compliance*. In IEEE 12th International Conference on Intelligent Computer Communication and Processing, ICCP 2016, Cluj-Napoca, Romania, September 8-10, 2016, pages 277–284. IEEE, 2016. [ISI proceeding, DBLP, IEEEExplore].
6. Anca Marginean, Andra Petrovai, Mihai Negru, and Sergiu Nedevschi. *Cooperative application for lane change maneuver on smart mobile devices*. In IEEE International Conference on Intelligent Computer Communication and Processing, ICCP 2015, Cluj-Napoca, Romania, September 3-5, 2015, pages 279–286. IEEE, 2015. [ISI proceeding, DBLP, IEEEExplore].
7. Anca Marginean. *GFMed: Question Answering over BioMedical Linked Data with Grammatical Framework*. In Linda Cappellato, Nicola Ferro, Martin Halvey, and Wessel Kraaij, editors, Working Notes for CLEF 2014 Conference, Sheffield, UK, volume 1180 of CEUR Workshop Proceedings, pages 1224–1235. CEUR-WS.org, September 2014. [DBLP].
8. Bernadette Varga, Alina Dia Trambitas-Miron, Andrei Roth, Anca Marginean, Radu Razvan Slavescu, and Adrian Groza. *LELA - A natural language processing system for romanian tourism*. In Maria Ganzha, Leszek A. Maciaszek, and Marcin Paprzycki, editors, Proceedings of the 2014 Federated Conference on Computer Science and Information Systems, Warsaw, Poland, September 7-10, 2014, pages 281–288, 2014. [ISI proceeding, DBLP, IEEEExplore].
9. Anca Marginean, Ioan Alfred Letia, and Sergiu Zaporajan. *Using domain specific hierarchical good practice for ranking service composition*. In 16th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, Timisoara, Romania, pages 204–211. IEEE, September 2014. [IEEEExplore, ISI proceeding].
10. Anca Marginean, Adrian Groza, Radu Razvan Slavescu, and Ioan Alfred Letia. *Romanian2SPARQL: A Grammatical Framework approach for querying Linked Data in Romanian*. In International Conference on Development and Application Systems (DAS), Suceava, Romania, pages 204–209, May 2014. [ISI proceeding, IEEEExplore].

b) Teza de doctorat

Interconectarea serviciilor si a datelor prin rationare pe ontologii, 2015, conducator de doctorat: prof. dr. ing. I.A. Letia

c) Brevete

d) Carti si capitole in carti

1. Anca Marginean Adrian Groza, Radu Razvan Slavescu. *Introduction to artificial intelligence*. UTPress, 2018, 978-606-737-290-8
2. Ioan Alfred Letia, Anca Marginean, and Adrian Groza. *Z-based agents for service oriented computing*. In Jingshan Huang, Ryszard Kowalczyk, Zakaria Maamar, David Martin, Ingo Muller, Suzette Stoutenburg, and KatiaP. Sycara, editors, Service-Oriented Computing: Agents, Semantics, and Engineering, volume 4504 of Lecture Notes in Computer Science, pages 160–174. Springer Berlin Heidelberg, 2007.
3. Anca Marginean. *Notes on Introduction to Artificial Intelligence*. UTPress, 2015, 978-606-737-077-5.

e) Alte articole publicate in reviste

f) Alte articole aparute in lucrari ale unor conferinte internationale de specialitate

1. Adrian Groza, Bogdan Iancu, and Anca Marginean. *A multi-agent approach towards cooperative overtaking in vehicular networks*. In Rajendra Akerkar, Nick Bassiliades, John Davies, and Vadim Ermolayev, editors, 4th International Conference on Web Intelligence, Miningand Semantics (WIMS 14), WIMS '14, Thessaloniki, Greece, June 2-4, 2014, page 48. ACM,2014. [ISI proceeding, DBLP, ACM].
2. Adrian Groza, Anca Marginean, and Vlad Muresan. *An ontology-based model for vehicular ad-hoc networks*. In 18th International Conference on Intelligent Engineering Systems (INES), pages 83–88, July 2014. [ISI proceeding, IEEEExplore].
3. Adrian Groza, Anca Marginean, and Bogdan Iancu. *Towards improving situation awareness during emergency transportation through ambulance-2-x communication and semantic stream reasoning*. In Simona Vlad and Radu V. Ciupa, editors, International Conference on Advancements of Medicine and Health Care through Technology, Cluj-Napoca, Romania, June 5-7, 2014, volume 44 of IFMBE Proceedings, pages 97–100. Springer International Publishing, 2014. [ISI proceeding].
4. Bianca Franc, Oliver Santha, and Anca Marginean. *Events as linked data - aggregation and classification of published events*. In IEEE International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, pages 83–90, Sept 2014.[ISI proceeding, IEEEExplore].
5. Anca Marginean and Oana Marc. *Towards querying bioinformatic linked data in natural language*. In IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, pages 23–26, Sept 2013. [IEEEExplore].
6. Adrian Popescu and Anca Marginean. *Sistem multi-agent pentru rutarea traficului*. In Workshop Comunicare flexibila agenti umani - agenti software, A zecea Conferinta Nationala de interactiune om-calculator (ROCHI), Cluj-Napoca, Romania. Editura MatrixRom, 2013.
7. Anca Marginean and Oana Marc. *Limbajul natural ca mod de interogare a colectiilor*

linked-data. In Workshop Comunicare flexibila agenti umani - agenti software, A zecea Conferinta Nationala de interactiune om-calculator (ROCHI), Cluj-Napoca. Editura MatrixRom, 2013.

8. Ioan Alfred Letia and Anca Marginean. *Service monitoring with ontology based expectations*. In 2011 IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, pages 111–114, Aug 2011. [IEEEExplore].
9. Ioan Alfred Letia and Anca Marginean. *From normative to cognitive layer through expectations*. In 2010 IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, pages 107–110, Aug 2010. [IEEEExplore].
10. Ioan Alfred Letia and Anca Marginean. *Expectations for assessment of services quality*. In Tetsuo Ida, Viorel Negru, Tudor Jebelean, Dana Petcu, Stephen M. Watt, and Daniela Zaharie, editors, 12th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, SYNASC 2010, Timisoara, Romania, 23-26 September 2010, pages 553–556. IEEE Computer Society, 2010. [ISI proceeding, DBLP, IEEEExplore].
11. Anca Marginean. *Blending rules and ontology in argumentation*. In Vesna Luzar-Stiffler, Iva Jarec, and Zoran Bekic, editors, Proceedings of the ITI 2009 31st International Conference on Information Technology Interfaces, Cavtat/Dubrovnik, Croatia, June 22-25, 2009, pages 493–498. IEEE, 2009. [ISI proceeding, DBLP, IEEEExplore].
12. Anca Marginean. *Arguments as a form of mixing ontologies and rules*. In IEEE 5th International Conference on Intelligent Computer Communication and Processing, Cluj-Napoca, Romania, pages 55–58, Aug 2009. [ISI proceeding, IEEEExplore].
13. Ioan Alfred Letia and Anca Marginean. *Quality-enabled value argumentation for service bundling*. In 9th International Conference on Development and Application Systems, Suceava, Romania, pages 232–239, May 2008.
14. Ioan Alfred Letia and Anca Marginean. *Achieving accords over agents own ontology*. In 2007 IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, pages 25–32, Sept 2007. [ISI proceeding, IEEEExplore].
15. Ioan Alfred Letia and Anca Chioran(Marginean). *Acting agents for SOC*. In 8th International Conference on Development and Application Systems, Suceava, Romania, pages 382–288, May 2006.
16. Ioan Alfred Letia, Anca Chioran(Marginean), and Adrian Groza. *Z-based agents for service oriented computing*. In 15th International Conference on Control Systems and Computer Science, Bucuresti, Romania, pages 232–239, May 2005.
17. Ioan Alfred Letia, Raluca Vartic, Anca Marginean, and Mircea Tesa. *Searching the World Wide-Web with Learning Agents*. In 8th IEEE International Conference on Intelligent Engineering Systems (INES), Cluj-Napoca, Romania, pages 63–67, September 2004.
18. Anca Marginean and Cristinuta Nan. *SentiMusic - Mash-Up media extins cu analiza sentimentelor*. In 2nd Workshop on Intelligent Systems: concepts, models, services and applications at ICMCS2014, Chisinau, Rep. Moldova, October 2014.