

## [Inspiratron.org](https://inspiratron.org) - Natural language processing, machine learning and cybersecurity

### Press / Publications

by Nikola Milošević? - Wednesday, June 10, 2015

<https://inspiratron.org/publications/>

This is my current state of published articles about me or the articles I wrote for external portals, magazines, journals, conferences, etc.

#### 2022.

[English] [Relationship extraction for knowledge graph creation from biomedical literature](#). N Milosevic, W Thielemann arXiv preprint arXiv:2201.01647 01/2022 (Submitted to Journal of Semantic Web)

#### 2021.

[English] [Nikola Milosevic: Moving from information retrieval to knowledge graphs](#) - Video presentation on the first BioRelate's first seminar in the series Knowledge Graphs in Drug Discovery (30.06.2021.)

#### 2020.

[English] [MASK: A Success Story for An International Collaboration](#). Mahmoud Azimae, Gangamma Kalappa, Nikola Milosevic, Goran Nenadic, Hesam Dadafarin, Mahshid Yassaie, Branson Chen, Sean Ji, Daniella Barron, Elisa Candido, Cheng Qian, Marian Vermeulen. International Journal of Population Data Science Vol 5, Issue 5. 12/2020

[English] [MASK: A flexible framework to facilitate de-identification of clinical texts](#). N Milosevic, G Kalappa, H Dadafarin, M Azimae, G Nenadic arXiv preprint arXiv:2005.11687 05/2020

#### 2019.

[English] [From web crawled text to project descriptions: automatic summarizing of social innovation projects](#). Nikola Milosevic, Dimitar Marinov, Abdullah Gok, Goran Nenadic (2019, June). In Natural Language Processing and Information Systems. NLDB 2019. Lecture Notes in Computer Science, vol 11608. Springer. [View author version](#)

[English] [A framework for information extraction from tables in biomedical literature](#). Milosevic, N., Gregson, C., Hernandez, R., & Nenadic, G. (2019, February). In *International Journal on Document Analysis and Recognition*. Springer International Publishing.

#### 2018.

[English, Poster] [GNTeam at n2c2 2018 track 2: An end-to-end system to identify ADE, Medications and related entities in discharge summaries](#)

Maksim Belousov, Nikola Milošević?, Ghada Alfattni, Haifa Alrdahi, Goran Nenadi? (2018, October), N2C2 Workshop 2018, San Francisco, USA

[English] [Classification of Intangible Social Innovation Concepts](#).

Milosevic, N., Gok, A., & Nenadic, G. (2018, June). In *International Conference on Applications of Natural Language to Information Systems - NLDB2018* (pp. 407-418). Springer International Publishing. [View author version](#)

[English] PhD thesis: [A multi-layered approach to information extraction from tables in biomedical documents](#), Nikola Milosevic, April 2018., The University of Manchester

[English] **Poster:** [Extracting adverse drug reactions and their context using sequence labelling ensembles](#), Maksim Belousov, Nikola Milosevic, William Dixon, Goran Nenadic, HealTAC2018, 19. April. 2018. Manchester

#### 2017.

[English] [Extracting adverse drug reactions and their context using sequence labelling ensembles in TAC2017](#), Maksim Belousov, Nikola Milosevic, William Dixon, and Goran Nenadic, Text Analytics Conference 2017, Adverse Drug Reactions Track shared task.

[English] [Presentation about Machine learning aided malware detecting with focus on Android](#), presented on bSides Manchester, August 2017.

[English] [Extraction of Drug-drug Interactions from Drug Product Labeling Tables](#)  
N. Milosevic, University of Manchester; A. Gupta, A. Chen, S. DeMarco, J. Le, J. Schneider, Y. Ning, University of Pittsburgh; G. Nenadic, University of Manchester; R. Boyce, University of Pittsburgh, 2017 AMIA Joint Summits

[English] [Machine learning aided Android malware classification](#).  
Milosevic, Nikola, Ali Dehghantanha, and Kim-Kwang Raymond Choo. Computers & Electrical Engineering (2017). [Pre-print available here](#)

[English] [Towards application of text mining for enhanced power network data analytics-part I: retrieval and ranking of textual data from the internet.](#)

Chen, P., Ponocko, J., Milosevic, N., Nenadic, G., & Milanovic, J. V. (2016). Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2016)

[English] [Towards application of text mining for enhanced power network data analytics-part II: offline analysis of textual data.](#)  
Chen, Y., Ponocko, J., Milosevic, N., Nenadic, G., & Milanovic, J. V. (2016). Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion (MedPower 2016):

## 2016.

[English] [Hybrid methodology for information extraction from tables in the biomedical literature.](#)  
Milosevic, N., Gregson, C., Hernandez, R., & Nenadic, G. (2016, July). In *Belgrade Bioinformatics conference 2016* (pp. 75-79). [View article](#)

[English] [Disentangling the Structure of Tables in Scientific Literature.](#)  
Milosevic, N., Gregson, C., Hernandez, R., & Nenadic, G. (2016, June). In *International Conference on Applications of Natural Language to Information Systems - NLDB2016* (pp. 162-174). Springer International Publishing. [View author version](#)

[English] [Equity forecast: Predicting long term stock price movement using machine learning](#),  
Nikola Milosevic, arXiv:1603.00751

[English] [Extracting patient data from tables in clinical literature: Case study on extraction of BMI, weight and number of patients](#)  
Nikola Milosevic, Cassie Gregson, Rober Hernandez, Goran Nenadic; In Proceedings of the 9th International Joint Conference on Biomedical Engineering Systems and Technologies (BIOSTEC 2016) - Volume 5: HEALTHINF, pages 223-228, ISBN 978-989-758-170-0, DOI: 10.5220/0005660102230228 [View article](#)

[English] [Marvin: Semantic annotation using multiple knowledge sources](#)  
Nikola Milosevic, arXiv:1602.00515,

## 2015.

[English] **Presentation about OWASP Seraphimroid at UKFast**, published at UKFast.tv <http://www.ukfast.tv/watch/owasp-seraphimroid-project--owasp-manchester-.html>

[English] Conference Abstract: **SUPPORTING CLINICAL TRIAL DATA CURATION AND INTEGRATION WITH TABLE MINING**, presented at FARR institute international conference on Data intensive Health Research and Care, August 2015, St., page 111 in abstract book:  
[https://www.eventsforce.net/STANDREWS/media/uploaded/EVSTANDREWS/event\\_35/Abstract\\_Book\\_Master\\_for\\_online1708.pdf](https://www.eventsforce.net/STANDREWS/media/uploaded/EVSTANDREWS/event_35/Abstract_Book_Master_for_online1708.pdf)

[English] Poster: **Supporting Clinical Trial data curation from literature using table mining** - presented on Postgraduate Summer Research Showcase at the University of Manchester <https://inspiratron.org/PosterPSRS.png>

[Serbian] **Introduction to machine learning using Weka framework** - text for blog of it-konekt conference <http://it-konekt.com/sr/blog/13-05-2015/uvod-u-masinsko-ucenje-klasifikacija-vesti-uz-pomoc-radnog-okruzenja-weka-241>

[Serbian] Text about mobile security and how to make mobile devices more secure on Mobilni shop blog <http://www.mobilnishop.com/blog/uncategorized/kako-da-svoj-telefon-ucinite-sigurnijim/>

[English] **OWASP Wrap-up about Google Summer of Code 2014**, where I was a mentor on OWASP Seraphimroid

project: <http://google-opensource.blogspot.co.uk/2015/01/google-summer-of-code-wrap-up-owasp.html>

**2014.**

[English] **Android Security: Malicious use of Android permissions** - Nikola Milosevic, published in [Digital forensics magazine](#): <https://inspiratron.org/AndroidSecurity.pdf>

[Serbian] Interview in magazine [Libre](#) (Open software magazine) about [OWASP Seraphimroid](#) project [https://inspiratron.org/Libre\\_OWASP\\_Seraphimroid.pdf](https://inspiratron.org/Libre_OWASP_Seraphimroid.pdf)

[Serbian] Article about [They](#) on B92 news portal. [They](#) is mobile application couple of friends and I built: [http://www.b92.net/tehnopolis/vesti.php?yyyy=2014&mm=01&nav\\_id=804666](http://www.b92.net/tehnopolis/vesti.php?yyyy=2014&mm=01&nav_id=804666)

**2013.**

[English] **History of Malware** - Nikola Milosevic, [Digital forensics magazine](#) <https://inspiratron.org/Malware%20History.pdf>

[Serbian] **Why to work and study IT** - my article about benefits of IT on [infostud](#): <http://prijemni.infostud.com/vesti/Zasto-da-studiras-IT/59/45672/>

[Serbian] Interview in Kuca Dobrih Vesti about Startup weekend victory - <http://goo.gl/8Le9Yg>

[Serbian] Press clipping of Startup weekend - <http://www.rsroyalfamily.net/files/prvi-startap-vikend-u-srbiji-postigao-veliki-uspeh.pdf>

**2012.**

[English] **Stemmer for Serbian language** - Nikola Milosevic ArXiv publication <http://arxiv.org/ftp/arxiv/papers/1209/1209.4471.pdf>

[Serbian] **Sentiment analysis of sentences in Serbian language** - Nikola Milosevic, master thesis [http://www.inspiratron.org/Analiza\\_sentimenta\\_recenica\\_na\\_srpskom\\_jeziku-Nikola\\_Milosevic.pdf](http://www.inspiratron.org/Analiza_sentimenta_recenica_na_srpskom_jeziku-Nikola_Milosevic.pdf)

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