

Bibliografija – Milana Grbić

Bibliografija sadrži informacije o radovima u posljednjih 5 godina.

Radovi u časopisima sa Web of Science, Scopus, SCIndex (M24 ili M51), CPCI-S/CPCI-SSH listama

- Radovi u časopisima sa Web of Science liste :

[1] Zec, T., & **Grbić, M.** (2023). *Several Roman domination graph invariants on Kneser graphs*. Discrete Mathematics & Theoretical Computer Science, 25(Graph Theory). (IF : 0.7)

[2] Djukanović, M., Kartelj, A., Matić, D., **Grbić, M.**, Blum, C., & Raidl, G. R. (2022). *Graph search and variable neighborhood search for finding constrained longest common subsequences in artificial and real gene sequences*. Applied Soft Computing, 122, 108844, (IF : 6.725)

[3] Kartelj, A., **Grbić, M.**, Matić, D., & Filipović, V. (2021). *The Roman domination number of some special classes of graphs-convex polytopes*. Applicable Analysis and Discrete Mathematics, 15(2), 393-412, (IF : 1.238)

[4] Nikolic, B., Kartelj, A., Djukanovic, M., **Grbic, M.**, Blum, C., & Raidl, G. (2021). *Solving the Longest Common Subsequence Problem Concerning Non-Uniform Distributions of Letters in Input Strings*. Mathematics, 9(13), 1515, (IF : 2.258)

[5] **Grbić, M.**, Matić, D., Kartelj, A., Vračević, S. and Filipović, V., (2020) *A three-phase method for identifying functionally related protein groups in weighted PPI networks*. Computational Biology and Chemistry, p.107246 (IF : 3.1)

[6] **Grbić, M.**, Kartelj, A., Janković, S., Matić, D., Filipović, V.(2020) *Variable neighborhood search for partitioning sparse biological networks into the maximum edge-weighted k -plexes*. IEEE/ACM Transactions on Computational Biology and Bioinformatics, DOI 10.1109/TCBB.2019.2898189. (IF: 4.5)

- Radovi u časopisima sa SCIndex (M24 ili M51):

[1] **Grbić, M.**, Crnogorac, V., Predojević, M., Kartelj, A., & Matić, D. (2022). *Supportness of the protein complex standards in PPI networks*. Journal of Information and Telecommunication, 6(1), 6-26 (Q2: Computer Science (miscellaneous), Q3: Computer Science Application);

Radovi u nacionalnim časopisima prve kategorije :

- [1] Predojević, M., Đukanović, M., **Grbić, M.**, & Matić, D. (2021). Can greedy-like heuristics be useful for solving the Weighted Orthogonal Art Gallery Problem under regular grid discretization?. *International Journal of Electrical Engineering and Computing*, 5(2), 77-85.
- [2] **Grbić, M.** (2019) *Conditional Random Fields-based Approach to Classification: Application to Life Sciences*, IPSI BgD Transactions on Internet Research (TIR), Special issue - "ICT Research at the University of Belgrade and at its Foreign Guests", Vol. 15, No. 1, pp. 1-9, 2019, ISSN 1820 - 4511.
- [3] **Grbić, M.** (2019) *A three-phase mapreduce-based algorithm for searching biomedical document databases*, *International Journal of Electrical Engineering and Computing*, Vol 3, No.1, pp.1-8, 2019

Radovi u nacionalnim časopisima (druga i treća kategorija) i zbornicima i monografijama:

- [1] Jaguzović, M., Vilendečić, N., **Grbić, M.**, & Matić, D. (2023). *On similarity of PPI subnetworks induced by important proteins: A case study*. In 2023 22nd International Symposium INFOTEH-JAHORINA (INFOTEH) (pp. 1-6). IEEE.
- [2] Jaguzović, M., **Grbić, M.**, Đukanović, M., & Matić, D. (2022). *Identification of protein complexes by overlapping community detection algorithms: A comparative study*. In 2022 21st International Symposium INFOTEH-JAHORINA (INFOTEH) (pp. 1-6). IEEE.
- [3] Zec, T., Kartelj, A., Djukanović, M., **Grbić, M.**, & Matić, D. (2021). *Statistical analysis of correlation between weather parameters and new COVID-19 cases: a case study of Bosnia and Herzegovina*. In 2021 International Conference on INnovations in Intelligent SysTems and Applications (INISTA) (pp. 1-6). IEEE.
- [4] Crnogorac, V., **Grbić, M.**, Đukanović, M., & Matić, D. (2021). *Clustering of European countries and territories based on cumulative relative number of COVID 19 patients in 2020*. In 2021 20th International Symposium INFOTEH-JAHORINA (INFOTEH) (pp. 1-6). IEEE.
- [5] **Grbić, M.**, Crnogorac, V., Predojević, M., Kartelj, A., & Matić, D. (2020). *How well are known protein complexes supported in PPI networks?*. In 2020 International Conference on INnovations in Intelligent SysTems and Applications (INISTA) (pp. 1-7). IEEE.
- [6] D. Matić and **M. Grbić**, (2020) *Partitioning Weighted Metabolic Networks into Maximally Balanced Connected Partitions*, 19th International Symposium INFOTEH-JAHORINA (INFOTEH), East Sarajevo, Bosnia and Herzegovina, 2020, pp. 1-6.