

Alfredo Pulvirenti

Publications and Patents

Journal Papers

2015

- [1] G. Nigita, S. Alaimo, A. Ferro, R. Giugno, and A. Pulvirenti. Knowledge in the investigation of a-to-i rna editing signals. *Frontiers in Bioengineering and Biotechnology*, 3(18), 2015
- [2] A. Pulvirenti, R. Giugno, R. Distefano, G. Pigola, M. Mongiovì, G. Giudice, V. Vendramin, A. Lombardo, F. Cattonaro, and A. Ferro. A knowledge-base for the vitis-vinifera functional analysis. *BMC Systems Biology*, (to appear), 2015
- [3] S. Alaimo, V. Bonnici, D. Cancemi, A. Ferro, R. Giugno, and A. Pulvirenti. DT-Web: a web-based application for drug-target interaction and drug combination prediction through domain-tuned network-based inference. *BMC Systems Biology*, (to appear), 2015

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- [4] E. Lionetti, S. Castellaneta, R. Francavilla, A. Pulvirenti, E. Tonutti, S. Amarri, M. Barbato, C. Barbera, G. Barera, A. Bellantoni, et al. Introduction of gluten, hla status, and the risk of celiac disease in children. *New England Journal of Medicine*, 371(14):1295–1303, 2014
- [5] S. Alaimo, R. Giugno, and A. Pulvirenti. ncRNA-disease association prediction through tripartite network based inference. *Frontiers in Bioengineering and Biotechnology*, 2(71), 2014
- [6] V. Bonnici, F. Russo, N. Bombieri, A. Pulvirenti, and R. Giugno. Comprehensive reconstruction and visualization of non-coding regulatory networks in human. *Frontiers in Bioengineering and Biotechnology*, 2(69), 2014
- [7] G. Micale, A. Pulvirenti, R. Giugno, and A. Ferro. Proteins comparison through probabilistic optimal structure local alignment. *Frontiers in Genetics, section Bioinformatics and Computational Biology*, 5(302), 2014
- [8] G. Micale, A. Continella, A. Ferro, R. Giugno, and A. Pulvirenti. GASOLINE: a Cytoscape app for multiple local alignment of PPI networks. *F1000Research*, 3(140), 2014
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- [10] F. Russo, S. Di Bella, V. Bonnici, A. Laganà, G. Rainaldi, M. Pellegrini, A. Pulvirenti, R. Giugno, and A. Ferro. A knowledge base for the discovery of function, diagnostic potential and drug effects on cellular and extracellular miRNAs. *BMC Genomics*, 05/2014; 15(Suppl 3):S4., 2014

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- [12] G. Micale, A. Pulvirenti, R. Giugno, and A. Ferro. GASOLINE: a greedy and stochastic algorithm for optimal local multiple alignment of interaction networks. *PLOS ONE*, 9(6): e98750, 2014

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- [13] R. Giugno, V. Bonnici, N. Bombieri, A. Pulvirenti, A. Ferro, and D. Shasha. GRAPES: a software for parallel searching on biological graphs targeting multi-core architectures. *PLOS ONE*, 8(10): e76911, 2013
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- [15] A. Laganà, F. Russo, D. Veneziano, S. Di Bella, R. Giugno, A. Pulvirenti, C.M. Croce, and A. Ferro. Extracellular circulating viral micrnas: current knowledge and perspectives. *Frontiers in Genetics*, 4(120), 2013
- [16] S. Alaimo, A. Pulvirenti, R. Giugno, and A. Ferro. Drug-target interaction prediction through domain-tuned network based inference. *Bioinformatics*, 29(16):2004–2008, 2013
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