

# PIETRO LIO' PUBLICATIONS 2007- 2017 (from the Symplectic Publications Database)

## Journals (PEER-REVIEWED)

- Dimitri GM, Agrawal S, Young A, Donnelly J, Liu X, Smielewski P, Hutchinson P, Czosnyka M, Lió P, Christina Haubrich. (2017) A multiplex network approach for the analysis of intracranial pressure and heart rate data in traumatic brain injured patients. *Applied Network Science* 2 (1), 29 (6 pages)
- Kashaf SS, Angione C, Liò P (2017) Making life difficult for *Clostridium difficile*: augmenting the pathogen's metabolic model with transcriptomic and codon usage data for better therapeutic target characterization. *BMC Systems Biology* 11(1): 25:1-25:13 (21 pages, including suppl material).
- Dimitri GM, Liò P. (2017) DrugClust: A machine learning approach for drugs side effects prediction. *Computational Biology and Chemistry* 68: 204-210 (6 pages)
- Tordini F, Drocco M, Misale C, Milanese L., Liò P, Merelli I, Torquati M, Aldinucci M (2017) NuChart-II: The road to a fast and scalable tool for Hi-C data analysis. *IJHPCA (The International Journal of High Performance Computing Applications)* 31(3): 196-211 (2017) (9 pages)
- Oshota O., Conway M., Fookes M., Schreiber F. , Chaudhuri RR, Yu L, Morgan F.J.E., Clare S, Choudhary J., Thomson NR, Lio P., Maskell DJ, Mastroeni P, Grant AJ, (2017) Transcriptome and proteome analysis of *Salmonella enterica* serovar Typhimurium systemic infection of wild type and immune-deficient mice. *PloS one* 12 (8), e0181365 (27 pages).
- Moni MA, Lio' P (2017) Genetic Profiling and Comorbidities of Zika Infection *The Journal of Infectious Diseases* 216 (6), 703-712, (10 pages)
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- Nardi F., Liò, P., Frati F. (2016) Animal inference on human mitochondrial diseases. *Computational Biology and Chemistry, Comput Biol Chem*. 2016 Feb 16;62:17-28. doi: 10.1016/j.compbiolchem.2016.02.002 (12 pages).
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## **BOOK Chapters (PEER-REVIEWED)**

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