

Full publications list



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2021	The iGEM competition, a dataset towards understanding team-success in scientific competitions. <i>Leo Blondel, Abhijeet Krishna, Marc Santolini</i>
2021	scientific data paper in preparation A large scale laboratory notebook analysis predicts team success in a scientific competition. <i>Marc Santolini, Leo Blondel, Abhijeet Krishna, Megan J. Palmer, Albert-Laszlo Barabasi</i>
2021	in preparation Quantified us: a group-in-the-loop approach to team network reconstruction. <i>Leo Blondel*, Raphael Tackx*, Marc Santolini</i>
2021	UbiComp21 conference proceedings in review Evolution of a cytoplasmic determinant: evidence for the biochemical basis of functional evolution of a novel germ line regulator <i>Leo Blondel, Savandara Besse, Cassandra G Extavour</i> (in review MBE) bioRxiv doi: 10.1101/2021.04.26.441385
2020	Computational Approaches to Developmental Biology. <i>Leo Blondel</i>
2020	PhD thesis ProQuest Dissertations & Theses Global: 2504861409 Topology-driven protein-protein interaction network analysis detects genetic modules regulating reproductive capacity. <i>Tarun Kumar*, Leo Blondel*, Cassandra G Extavour</i>
2020	Elife doi: 10.7554/elife.54082 Bacterial contribution to genesis of the novel germ line determinant oskar. <i>Leo Blondel, Tamsin E M Jones, Cassandra G Extavour</i>
2020	Elife doi: 10.7554/elife.45539 Team performance and improvement in a science and engineering competition. <i>Marc Santolini, Leo Blondel, Abhijeet Krishna, Megan J. Palmer, Albert-Laszlo Barabasi</i>
2019	Conference Proceeding ACM Collective Intelligence 2020 Ancestral and offspring nutrition interact to affect life history traits in <i>Drosophila melanogaster</i> . <i>Joe B. Deas, Leo Blondel, Cassandra G. Extavour</i>
2018	Proceedings of the royal society B doi: 10.1098/rspb.2018.2778 Epidemium: A multidisciplinary community to tackle cancer using big and open data. <i>Mehdi Benchoufi, Marc Fournier, David Magrez, Gaspard Macaux, Vanessa Barué, Alicia Mansilla Sanchez, Olivier de Fresnoye, Romain Fillaudeau, Ozanne Tauvel-Mocquet, Nassera Chalabi, Jean Frédéric Petit-Nivard, Leo Blondel, Marc Santolini, Béchir Ben Hadj Yahia</i>
2017	Journal of Clinical Oncology doi: 10.1200/JCO.2018.36.15 Team success in the iGEM scientific competition. <i>Marc Santolini, Abhijeet Krishna, Christos Ellinas, Leo Blondel, Thomas E. Landrain, and Albert-Laszlo Barabasi</i>
	Conference Proceeding 6th International Conference on Complex Networks and Their Applications