## **List of Publications**

This thesis consists of an overview and of the following publications which are referred to in the text by their Roman numerals.

- I Pietro della Briotta Parolo, Raj Pan,Francesco Becattini,Marija Mitrovic,Arnab Chatterjee,Santo Fortunato. The Nobel Prize delay . *Physics Today*, DOI:10.1063/PT.5.2012, May 2014.
- II Pietro Della Briotta Parolo, Raj Kumar Pan, Rumi Ghosh Bernardo A. Huberman, Kimmo Kaski, Santo Fortunato. Attention Decay in Sciene. Journal of Informetrics, Volume 9, Issue 4, Pages 734–745, October 2015.
- III Pietro Della Briotta Parolo, Santo Fortunato. Uncovering the Dynamics of Ego Networks of Scientific Gems. preprint, Submitted to the Journal of Informetrics, January 2017.
- IV Pietro Della Briotta Parolo, Mikko Kivelä, Kimmo Kaski, Santo Fortunato. On the Shoulders of Giants: Tracking the Cumulative Information Spreading in Citation Networks. *preprint*, Submitted to Phys. Rev. X, June 2017.