

Fredrik G I Liljeros

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

6,359
citations

257450

24
h-index

168389

53
g-index

62
all docs

62
docs citations

62
times ranked

4956
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Identifying asymptomatic spreaders of antimicrobial-resistant pathogens in hospital settings. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 18 |
| 2 | Dynamic contact networks of patients and MRSA spread in hospitals. Scientific Reports, 2020, 10, 9336. | 3.3 | 20 |
| 3 | Sociologiska perspektiv på coronakrisen. Sociologisk Forskning, 2020, 57, . | 0.2 | 1 |
| 4 | Nontrivial resource requirement in the early stage for containment of epidemics. Physical Review E, 2019, 100, 032310. | 2.1 | 17 |
| 5 | Criminal organizing applying the theory of partial organization to four cases of organized crime. Trends in Organized Crime, 2018, 21, 315-342. | 1.3 | 8 |
| 6 | Inferring individual sexual action dispositions from egocentric network data on dyadic sexual outcomes. PLoS ONE, 2018, 13, e0207116. | 2.5 | 2 |
| 7 | Inference and control of the nosocomial transmission of methicillin-resistant Staphylococcus aureus. ELife, 2018, 7, . | 6.0 | 36 |
| 8 | Respondent-Driven Sampling Bias Induced by Community Structure and Response Rates in Social Networks. Journal of the Royal Statistical Society Series A: Statistics in Society, 2017, 180, 99-118. | 1.1 | 22 |
| 9 | HIV testing and prevention among foreign-born Men Who have Sex with Men: an online survey from Sweden. BMC Public Health, 2017, 17, 139. | 2.9 | 14 |
| 10 | Respondent-driven sampling and an unusual epidemic. Journal of Applied Probability, 2016, 53, 518-530. | 0.7 | 5 |
| 11 | Sexual and Communication Networks of Internet-Mediated Prostitution. , 2016, , . | | 3 |
| 12 | Finding Influential Spreaders from Human Activity beyond Network Location. PLoS ONE, 2015, 10, e0136831. | 2.5 | 14 |
| 13 | Implementation of Web-Based Respondent Driven Sampling among Men Who Have Sex with Men in Sweden. PLoS ONE, 2015, 10, e0138599. | 2.5 | 45 |
| 14 | Mechanistic models in computational social science. Frontiers in Physics, 2015, 3, . | 2.1 | 11 |
| 15 | Contact Networks and the Spread of MRSA in Stockholm Hospitals. , 2015, , . | | 4 |
| 16 | Fat-Tailed Fluctuations in the Size of Organizations: The Role of Social Influence. PLoS ONE, 2014, 9, e100527. | 2.5 | 12 |
| 17 | The network positions of methicillin resistant Staphylococcus aureus affected units in a regional healthcare system. EPJ Data Science, 2014, 3, . | 2.8 | 6 |
| 18 | Risk of HIV transmission from patients on antiretroviral therapy: A position statement from the Public Health Agency of Sweden and the Swedish Reference Group for Antiviral Therapy. Scandinavian Journal of Infectious Diseases, 2014, 46, 673-677. | 1.5 | 24 |

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|----|--|------|-----------|
| 19 | Strong propensity for HIV transmission among men who have sex with men in Vietnam: behavioural data and sexual network modelling. <i>BMJ Open</i> , 2014, 4, e003526. | 1.9 | 14 |
| 20 | Birth and death of links control disease spreading in empirical contact networks. <i>Scientific Reports</i> , 2014, 4, 4999. | 3.3 | 71 |
| 21 | Respondent-driven sampling on directed networks. <i>Electronic Journal of Statistics</i> , 2013, 7, . | 0.7 | 23 |
| 22 | The Phenomenology of Specialization of Criminal Suspects. <i>PLoS ONE</i> , 2013, 8, e64703. | 2.5 | 18 |
| 23 | The prescription of oral contraceptives and its relation to the incidence of chlamydia and abortion in Sweden 1997–2005. <i>Scandinavian Journal of Public Health</i> , 2012, 40, 85-91. | 2.3 | 1 |
| 24 | Communication activity in a social network: relation between long-term correlations and inter-event clustering. <i>Scientific Reports</i> , 2012, 2, 560. | 3.3 | 70 |
| 25 | How People Interact in Evolving Online Affiliation Networks. <i>Physical Review X</i> , 2012, 2, . | 8.9 | 33 |
| 26 | The Sensitivity of Respondent-Driven Sampling. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2012, 175, 191-216. | 1.1 | 66 |
| 27 | Exploiting Temporal Network Structures of Human Interaction to Effectively Immunize Populations. <i>PLoS ONE</i> , 2012, 7, e36439. | 2.5 | 87 |
| 28 | A Characterization of Internet Dating Network Structures among Nordic Men Who Have Sex with Men. <i>PLoS ONE</i> , 2012, 7, e39717. | 2.5 | 7 |
| 29 | Implementation of Web-Based Respondent-Driven Sampling among Men Who Have Sex with Men in Vietnam. <i>PLoS ONE</i> , 2012, 7, e49417. | 2.5 | 56 |
| 30 | Human Sexual Networks. , 2012, , 1535-1546. | | 0 |
| 31 | Communication activity in social networks: growth and correlations. <i>European Physical Journal B</i> , 2011, 84, 147-159. | 1.5 | 15 |
| 32 | A Weighted Configuration Model and Inhomogeneous Epidemics. <i>Journal of Statistical Physics</i> , 2011, 145, 1368-1384. | 1.2 | 27 |
| 33 | Simulated Epidemics in an Empirical Spatiotemporal Network of 50,185 Sexual Contacts. <i>PLoS Computational Biology</i> , 2011, 7, e1001109. | 3.2 | 256 |
| 34 | Human Sexual Networks. , 2011, , 1-17. | | 0 |
| 35 | Heavy-tailed distribution of seclusion and restraint episodes in a state psychiatric hospital. <i>Journal of the American Academy of Psychiatry and the Law</i> , 2011, 39, 93-9. | 0.2 | 5 |
| 36 | Identification of influential spreaders in complex networks. <i>Nature Physics</i> , 2010, 6, 888-893. | 16.7 | 2,386 |

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|----|--|------|-----------|
| 37 | Information dynamics shape the sexual networks of Internet-mediated prostitution. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5706-5711. | 7.1 | 165 |
| 38 | Scaling laws of human interaction activity. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12640-12645. | 7.1 | 207 |
| 39 | Human Sexual Networks. , 2009, , 4659-4671. | | 1 |
| 40 | Finding a Better Immunization Strategy. Physical Review Letters, 2008, 101, 058701. | 7.8 | 237 |
| 41 | Percolation theory applied to measures of fragmentation in social networks. Physical Review E, 2007, 75, 046107. | 2.1 | 33 |
| 42 | Improving immunization strategies. Physical Review E, 2007, 75, 045104. | 2.1 | 113 |
| 43 | Preferential attachment in sexual networks. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10762-10767. | 7.1 | 42 |
| 44 | Spatial Bridges and the Spread of Chlamydia: The Case of a County in Sweden. Sexually Transmitted Diseases, 2007, 34, 47-53. | 1.7 | 18 |
| 45 | The Contact Network of Inpatients in a Regional Healthcare System. A Longitudinal Case Study. Mathematical Population Studies, 2007, 14, 269-284. | 2.2 | 29 |
| 46 | Percolation theory and fragmentation measures in social networks. Physica A: Statistical Mechanics and Its Applications, 2007, 378, 11-19. | 2.6 | 19 |
| 47 | Modelling sexually transmitted infections: The effect of partnership activity and number of partners on. Theoretical Population Biology, 2007, 72, 389-399. | 1.1 | 23 |
| 48 | The effect of travel restrictions on the spread of a moderately contagious disease. BMC Medicine, 2006, 4, 32. | 5.5 | 47 |
| 49 | Number of Sexual Encounters Involving Intercourse and the Transmission of Sexually Transmitted Infections. Sexually Transmitted Diseases, 2006, 33, 342-349. | 1.7 | 33 |
| 50 | Sexual networks in contemporary Western societies. Physica A: Statistical Mechanics and Its Applications, 2004, 338, 238-245. | 2.6 | 11 |
| 51 | Structure and time evolution of an Internet dating community. Social Networks, 2004, 26, 155-174. | 2.1 | 225 |
| 52 | Sexual networks: implications for the transmission of sexually transmitted infections. Microbes and Infection, 2003, 5, 189-196. | 1.9 | 217 |
| 53 | Sexual contacts and epidemic thresholds. Nature, 2003, 423, 606-606. | 27.8 | 12 |
| 54 | Network bipartivity. Physical Review E, 2003, 68, 056107. | 2.1 | 107 |

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|----|---|------|-----------|
| 55 | The web of human sexual contacts. Nature, 2001, 411, 907-908. | 27.8 | 1,384 |
| 56 | Spontaneous Group Formation in the Seceder Model. Physical Review Letters, 2000, 84, 3205-3208. | 7.8 | 19 |
| 57 | Book Reviews : Christopher G. A. Bryant: Practical Sociology: Post-empiricism and the Reconstruction of Theory and Application. Cambridge: Polity Press, 1995. Acta Sociologica, 1996, 39, 464-467. | 1.9 | 0 |
| 58 | SPATIAL DIFFUSION OF SOCIAL ORGANIZING: MODELING TRADE UNION GROWTH IN SWEDEN, 1890â€“1940. Advances in Strategic Management, 0, , 267-290. | 0.1 | 12 |