

Topic Choices for Grad Projects 2023

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2. The universal decay of collective memory and attention, C. Candia, C. Jara Figueroa, C. Rodriguez-Sickert, A. L. Barabási, C. A. Hidalgo, *Nat. Hum. Behav.* **3**:82–91 (2019) **u3 Lui, Justin Lui**
3. Quantifying reputation and success in art, S.P. Fraiburger, R. Sinatra, M. Resch, C. Riedl, A. L. Barabási, *Science*, **362**:825–829 (2018) **2 Hu, Jerry**
4. Experimental evidence for tipping points in social convention, D. Centola, J. Becker, D. Brackbill, A. Baronchelli, *Science*, **360**:1116–1119 (2018) **8 David, Qian**
5. Scientific prize network predicts who pushes the boundaries of science, Y. Ma, B. Uzzi, *Proc. the Nat. Acad. of Sci.*, **115**(50):12608–12615 (2018)
6. Quantifying patterns of research-interest evolution, T. Jia, D. Wang, B.K. Szymanski *Nat. Hum. Behav.* **1**(4):0078, (2017)
7. Quantifying the evolution of individual scientific impact, R. Sinatra, D. Wang, P. Deville, C. Song, A. L. Barabási, *Science* **354**(6312):5239 (2016) **5 Yan, Zirui**
8. Universal resilience patterns in complex networks, Jianxi Gao, Baruch Barzel, Albert László Barabási, *Nature* **30**(7590):307 (2016) **6 Spadea, Fernando**
9. Human symptoms-disease network, X.Z. Zhou, J. Menche, A. L. Barabási, A. Sharma, *Nat. Comm.* **5**(4212) (2014) **u11 Gibson, Simon**
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13. Controllability of complex networks, Y. Y. Liu, J. J. Slotine, A. L. Barabási, *Nature* **473** (2011) **7 Cleversley, Michael**
14. Quantifying social group evolution, G. Palla, A.-L. Barabási, T. Vicsek, *Nature* **446**:664–667 (2007)
15. Limits of Human Mobility, C. Song, Z. Qu, N. Blumm, A.-L. Barabási, *Science* **327**(5968):1018–1021 (2010)
16. Understanding individual human mobility patterns, M.C. Gonzalez, C.A. Hidalgo, A. L. Barabasi, *Nature*, **453** (7196):779–782 (2008) **u1 Nigam, Kharn**
17. The product space conditions the development of nations, C.A. Hidalgo, B. Klinger, A. L. Barabási, R. Hausmann, *Science* **317** (5837):482–487 (2007) **u2 Fischer, Solace**
18. Dynamics of ranking, G. Iniguez, C. Pineda, C. Gershenson, A.-L. Barabási, *Nat Comm* **13** (7):1–7 (2022)
19. Polarization and tipping points, M.W. Macy, M. Ma, D.R. Tabin, J. Gao, and B.K. Szymanski, *Proc. the Nat. Acad. Of Sci.* **118**(50):e2102144118, (2021); **3 Wilkerson, Andrew**
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