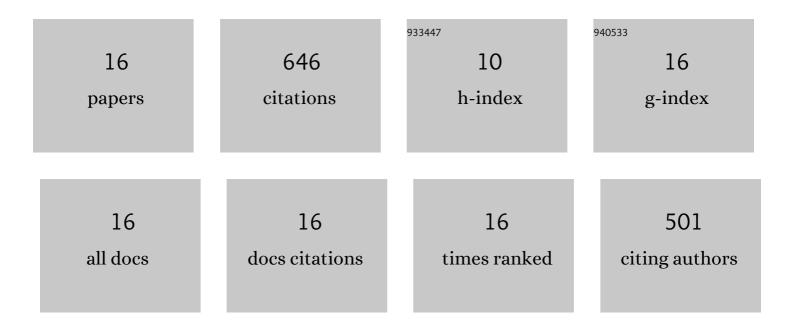
David Schnoerr

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The design principles of discrete turing patterning systems. Journal of Theoretical Biology, 2021, 531, 110901. | 1.7 | 4 |
| 2 | Turing pattern design principles and their robustness. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2021, 379, 20200272. | 3.4 | 22 |
| 3 | Time-dependent product-form Poisson distributions for reaction networks with higher order complexes. Journal of Mathematical Biology, 2020, 80, 1919-1951. | 1.9 | 4 |
| 4 | Exactly solvable models of stochastic gene expression. Journal of Chemical Physics, 2020, 152, 144106. | 3.0 | 31 |
| 5 | Neural field models for latent state inference: Application to large-scale neuronal recordings. PLoS Computational Biology, 2019, 15, e1007442. | 3.2 | 5 |
| 6 | A Comprehensive Network Atlas Reveals That Turing Patterns Are Common but Not Robust. Cell Systems, 2019, 9, 243-257.e4. | 6.2 | 61 |
| 7 | Probabilistic Model Checking for Continuous-Time Markov Chains via Sequential Bayesian Inference. Lecture Notes in Computer Science, 2018, , 289-305. | 1.3 | 4 |
| 8 | Approximation and inference methods for stochastic biochemical kinetics—a tutorial review. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 093001. | 2.1 | 268 |
| 9 | An alternative route to the system-size expansion. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 395003. | 2.1 | 4 |
| 10 | Efficient Low-Order Approximation of First-Passage Time Distributions. Physical Review Letters, 2017, 119, 210601. | 7.8 | 13 |
| 11 | Cox process representation and inference for stochastic reaction–diffusion processes. Nature Communications, 2016, 7, 11729. | 12.8 | 24 |
| 12 | Expectation propagation for continuous time stochastic processes. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 494002. | 2.1 | 8 |
| 13 | Comparison of different moment-closure approximations for stochastic chemical kinetics. Journal of Chemical Physics, 2015, 143, 185101. | 3.0 | 84 |
| 14 | Validity conditions for moment closure approximations in stochastic chemical kinetics. Journal of Chemical Physics, 2014, 141, 084103. | 3.0 | 52 |
| 15 | The complex chemical Langevin equation. Journal of Chemical Physics, 2014, 141, 024103. | 3.0 | 52 |
| 16 | Error estimates and specification parameters for functional renormalization. Annals of Physics, 2013, 334, 83-99. | 2.8 | 10 |