# Lancelot Da Costa

List of Publications by Year
in descending order

| 16 papers | 474 citations | 1051969 10 h-index | 1051228 16 g-index |
|---|---|---|---|
| 16 all docs | 16 docs citations | 16 times ranked | 198 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | How Active Inference Could Help Revolutionise Robotics. Entropy, 2022, 24, 361. | 1.1 | 16 |
| 2 | Branching Time Active Inference: The theory and its generality. Neural Networks, 2022, 151, 295-316. | 3.3 | 3 |
| 3 | Geometric methods for sampling, optimization, inference, and adaptive agents. Handbook of Statistics, 2022, , 21-78. | 0.4 | 4 |
| 4 | Sparse coupling and Markov blankets. Physics of Life Reviews, 2022, 42, 33-39. | 1.5 | 5 |
| 5 | Sophisticated Inference. Neural Computation, 2021, 33, 713-763. | 1.3 | 65 |
| 6 | Neural Dynamics under Active Inference: Plausibility and Efficiency of Information Processing. Entropy, 2021, 23, 454. | 1.1 | 22 |
| 7 | Generative Models for Active Vision. Frontiers in Neurorobotics, 2021, 15, 651432. | 1.6 | 17 |
| 8 | Variational free energy, individual fitness, and population dynamics under acute stress. Physics of Life Reviews, 2021, 37, 111-115. | 1.5 | 2 |
| 9 | Some Interesting Observations on the Free Energy Principle. Entropy, 2021, 23, 1076. | 1.1 | 24 |
| 10 | A Drive towards Thermodynamic Efficiency for Dissipative Structures in Chemical Reaction Networks. Entropy, 2021, 23, 1115. | 1.1 | 4 |
| 11 | Memory and Markov Blankets. Entropy, 2021, 23, 1105. | 1.1 | 12 |
| 12 | Stochastic Chaos and Markov Blankets. Entropy, 2021, 23, 1220. | 1.1 | 36 |
| 13 | Bayesian mechanics for stationary processes. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, 20210518. | 1.0 | 28 |
| 14 | Active inference on discrete state-spaces: A synthesis. Journal of Mathematical Psychology, 2020, 99, 102447. | 1.0 | 119 |
| 15 | Markov blankets, information geometry and stochastic thermodynamics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190159. | 1.6 | 84 |
| 16 | Future climates: Markov blankets and active inference in the biosphere. Journal of the Royal Society Interface, 2020, 17, 20200503. | 1.5 | 33 |