Daniel Nichol

List of Publications by Year
in descending order

10 **papers**	677 **citations**	1040056 9 **h-index**	1372567 10 **g-index**
15 **all docs**	15 **docs citations**	15 **times ranked**	1193 **citing authors**

#	Article	IF	Citations
1	Steering Evolution with Sequential Therapy to Prevent the Emergence of Bacterial Antibiotic Resistance. PLoS Computational Biology, 2015, 11, e1004493.	3.2	151
2	Antibiotic collateral sensitivity is contingent on the repeatability of evolution. Nature Communications, 2019, 10, 334.	12.8	135
3	Collateral sensitivity networks reveal evolutionary instability and novel treatment strategies in ALK mutated non-small cell lung cancer. Scientific Reports, 2017, 7, 1232.	3.3	79
4	Exploiting evolutionary steering to induce collateral drug sensitivity in cancer. Nature Communications, 2020, 11, 1923.	12.8	79
5	Subclonal reconstruction of tumors by using machine learning and population genetics. Nature Genetics, 2020, 52, 898-907.	21.4	77
6	Stochasticity in the Genotype-Phenotype Map: Implications for the Robustness and Persistence of Bet-Hedging. Genetics, 2016, 204, 1523-1539.	2.9	39
7	The Spatiotemporal Evolution of Lymph Node Spread in Early Breast Cancer. Clinical Cancer Research, 2018, 24, 4763-4770.	7.0	30
8	Model genotype–phenotype mappings and the algorithmic structure of evolution. Journal of the Royal Society Interface, 2019, 16, 20190332.	3.4	28
9	Mapping the breast cancer metastatic cascade onto ctDNA using genetic and epigenetic clonal tracking. Nature Communications, 2020, 11, 1446.	12.8	28
10	The role of memory in non-genetic inheritance and its impact on cancer treatment resistance. PLoS Computational Biology, 2021, 17, e1009348.	3.2	11