# Nicolo Fusi

## List of Publications by Year
## in descending order

| 9 papers | 4,138 citations | 1162367 8 h-index | 1588620 8 g-index |
|---|---|---|---|
| 10 all docs | 10 docs citations | 10 times ranked | 9036 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Orthologous CRISPR–Cas9 enzymes for combinatorial genetic screens. Nature Biotechnology, 2018, 36, 179-189. | 9.4 | 216 |
| 2 | Prediction of off-target activities for the end-to-end design of CRISPR guide RNAs. Nature Biomedical Engineering, 2018, 2, 38-47. | 11.6 | 230 |
| 3 | Flexible Modeling of Genetic Effects on Function-Valued Traits. Journal of Computational Biology, 2017, 24, 524-535. | 0.8 | 0 |
| 4 | Impact of pre-adapted HIV transmission. Nature Medicine, 2016, 22, 606-613. | 15.2 | 87 |
| 5 | Optimized sgRNA design to maximize activity and minimize off-target effects of CRISPR-Cas9. Nature Biotechnology, 2016, 34, 184-191. | 9.4 | 3,168 |
| 6 | Unravelling the enigma of selective vulnerability in neurodegeneration: motor neurons resistant to degeneration in ALS show distinct gene expression characteristics and decreased susceptibility to excitotoxicity. Acta Neuropathologica, 2013, 125, 95-109. | 3.9 | 133 |
| 7 | Transcriptomic indices of fast and slow disease progression in two mouse models of amyotrophic lateral sclerosis. Brain, 2013, 136, 3305-3332. | 3.7 | 81 |
| 8 | A genome-to-genome analysis of associations between human genetic variation, HIV-1 sequence diversity, and viral control. ELife, 2013, 2, e01123. | 2.8 | 126 |
| 9 | Joint Modelling of Confounding Factors and Prominent Genetic Regulators Provides Increased Accuracy in Genetical Genomics Studies. PLoS Computational Biology, 2012, 8, e1002330. | 1.5 | 94 |