

# Nicolo Fusi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4359854/publications.pdf>

Version: 2024-02-01

9  
papers

4,138  
citations

1163117

8  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

9036  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized sgRNA design to maximize activity and minimize off-target effects of CRISPR-Cas9. <i>Nature Biotechnology</i> , 2016, 34, 184-191.	17.5	3,168
2	Prediction of off-target activities for the end-to-end design of CRISPR guide RNAs. <i>Nature Biomedical Engineering</i> , 2018, 2, 38-47.	22.5	230
3	Orthologous CRISPR-Cas9 enzymes for combinatorial genetic screens. <i>Nature Biotechnology</i> , 2018, 36, 179-189.	17.5	216
4	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. <i>Acta Neuropathologica</i> , 2013, 125, 95-109.	7.7	133
5	A genome-to-genome analysis of associations between human genetic variation, HIV-1 sequence diversity, and viral control. <i>ELife</i> , 2013, 2, e01123.	6.0	126
6	Joint Modelling of Confounding Factors and Prominent Genetic Regulators Provides Increased Accuracy in Genetical Genomics Studies. <i>PLoS Computational Biology</i> , 2012, 8, e1002330.	3.2	94
7	Impact of pre-adapted HIV transmission. <i>Nature Medicine</i> , 2016, 22, 606-613.	30.7	87
8	Transcriptomic indices of fast and slow disease progression in two mouse models of amyotrophic lateral sclerosis. <i>Brain</i> , 2013, 136, 3305-3332.	7.6	81
9	Flexible Modeling of Genetic Effects on Function-Valued Traits. <i>Journal of Computational Biology</i> , 2017, 24, 524-535.	1.6	0