

# Aylwyn Scally

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2781190/publications.pdf>

Version: 2024-02-01

27  
papers

9,143  
citations

361413

20  
h-index

580821

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

16836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate whole human genome sequencing using reversible terminator chemistry. <i>Nature</i> , 2008, 456, 53-59.	27.8	3,118
2	Mapping copy number variation by population-scale genome sequencing. <i>Nature</i> , 2011, 470, 59-65.	27.8	991
3	Insights into hominid evolution from the gorilla genome sequence. <i>Nature</i> , 2012, 483, 169-175.	27.8	663
4	A large genome center's improvements to the Illumina sequencing system. <i>Nature Methods</i> , 2008, 5, 1005-1010.	19.0	656
5	Insights into human genetic variation and population history from 929 diverse genomes. <i>Science</i> , 2020, 367, .	12.6	534
6	BCFtools/RoH: a hidden Markov model approach for detecting autozygosity from next-generation sequencing data. <i>Bioinformatics</i> , 2016, 32, 1749-1751.	4.1	506
7	Revising the human mutation rate: implications for understanding human evolution. <i>Nature Reviews Genetics</i> , 2012, 13, 745-753.	16.3	483
8	Mountain gorilla genomes reveal the impact of long-term population decline and inbreeding. <i>Science</i> , 2015, 348, 242-245.	12.6	326
9	Did Our Species Evolve in Subdivided Populations across Africa, and Why Does It Matter?. <i>Trends in Ecology and Evolution</i> , 2018, 33, 582-594.	8.7	315
10	Rethinking the dispersal of <i>Homo sapiens</i> out of Africa. <i>Evolutionary Anthropology</i> , 2015, 24, 149-164.	3.4	263
11	Chimpanzee genomic diversity reveals ancient admixture with bonobos. <i>Science</i> , 2016, 354, 477-481.	12.6	230
12	Morphometric, Behavioral, and Genomic Evidence for a New Orangutan Species. <i>Current Biology</i> , 2017, 27, 3487-3498.e10.	3.9	192
13	Tracing the Route of Modern Humans out of Africa by Using 225 Human Genome Sequences from Ethiopians and Egyptians. <i>American Journal of Human Genetics</i> , 2015, 96, 986-991.	6.2	152
14	Ancient human parallel lineages within North America contributed to a coastal expansion. <i>Science</i> , 2018, 360, 1024-1027.	12.6	138
15	A New Isolation with Migration Model along Complete Genomes Infers Very Different Divergence Processes among Closely Related Great Ape Species. <i>PLoS Genetics</i> , 2012, 8, e1003125.	3.5	102
16	The mutation rate in human evolution and demographic inference. <i>Current Opinion in Genetics and Development</i> , 2016, 41, 36-43.	3.3	100
17	What is ancestry?. <i>PLoS Genetics</i> , 2020, 16, e1008624.	3.5	91
18	Estimating the human mutation rate from autozygous segments reveals population differences in human mutational processes. <i>Nature Communications</i> , 2017, 8, 303.	12.8	81

#	ARTICLE	IF	CITATIONS
19	Detecting archaic introgression using an unadmixed outgroup. <i>PLoS Genetics</i> , 2018, 14, e1007641.	3.5	78
20	Mutation rates and the evolution of germline structure. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150137.	4.0	49
21	Inference of Candidate Germline Mutator Loci in Humans from Genome-Wide Haplotype Data. <i>PLoS Genetics</i> , 2017, 13, e1006549.	3.5	22
22	Genomes reveal marked differences in the adaptive evolution between orangutan species. <i>Genome Biology</i> , 2018, 19, 193.	8.8	18
23	Short-range template switching in great ape genomes explored using pair hidden Markov models. <i>PLoS Genetics</i> , 2021, 17, e1009221.	3.5	11
24	Human origins in Southern African palaeo-wetlands? Strong claims from weak evidence. <i>Journal of Archaeological Science</i> , 2021, 130, 105374.	2.4	9
25	Global clues to the nature of genomic mutations in humans. <i>ELife</i> , 2017, 6, .	6.0	2
26	Reforming social genetics. <i>Nature Ecology and Evolution</i> , 2021, 5, 1563.	7.8	0
27	Complexity in human ancestral demography. <i>Journal of Anthropological Sciences</i> , 2021, 99, .	0.4	0