

# Mathieu Groussin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2846385/publications.pdf>

Version: 2024-02-01

18  
papers

1,946  
citations

567281

15  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2788  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the processes shaping mammalian gut microbiomes over evolutionary time. <i>Nature Communications</i> , 2017, 8, 14319.	12.8	357
2	Adaptive Evolution within Gut Microbiomes of Healthy People. <i>Cell Host and Microbe</i> , 2019, 25, 656-667.e8.	11.0	289
3	An omics-based framework for assessing the health risk of antimicrobial resistance genes. <i>Nature Communications</i> , 2021, 12, 4765.	12.8	248
4	Elevated rates of horizontal gene transfer in the industrialized human microbiome. <i>Cell</i> , 2021, 184, 2053-2067.e18.	28.9	167
5	Bio++: Efficient Extensible Libraries and Tools for Computational Molecular Evolution. <i>Molecular Biology and Evolution</i> , 2013, 30, 1745-1750.	8.9	163
6	Co-evolution and Co-speciation of Host-Gut Bacteria Systems. <i>Cell Host and Microbe</i> , 2020, 28, 12-22.	11.0	128
7	Is Host Filtering the Main Driver of Phyllosymbiosis across the Tree of Life?. <i>MSystems</i> , 2018, 3, .	3.8	119
8	Influence of tree shape and evolutionary timeâ€ˆscale on phylogenetic diversity metrics. <i>Ecography</i> , 2016, 39, 913-920.	4.5	118
9	Adaptation to Environmental Temperature Is a Major Determinant of Molecular Evolutionary Rates in Archaea. <i>Molecular Biology and Evolution</i> , 2011, 28, 2661-2674.	8.9	117
10	Toward More Accurate Ancestral Protein Genotypeâ€ˆPhenotype Reconstructions with the Use of Species Tree-Aware Gene Trees. <i>Molecular Biology and Evolution</i> , 2015, 32, 13-22.	8.9	43
11	Bayesian relaxed clock estimation of divergence times in foraminifera. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 157-166.	2.7	37
12	Gene Acquisitions from Bacteria at the Origins of Major Archaeal Clades Are Vastly Overestimated. <i>Molecular Biology and Evolution</i> , 2016, 33, 305-310.	8.9	37
13	Virus-host coexistence in phytoplankton through the genomic lens. <i>Science Advances</i> , 2020, 6, eaay2587.	10.3	30
14	Response of the human gut and saliva microbiome to urbanization in Cameroon. <i>Scientific Reports</i> , 2020, 10, 2856.	3.3	27
15	The molecular signal for the adaptation to cold temperature during early life on Earth. <i>Biology Letters</i> , 2013, 9, 20130608.	2.3	22
16	Reconstructed Ancestral Enzymes Impose a Fitness Cost upon Modern Bacteria Despite Exhibiting Favourable Biochemical Properties. <i>Journal of Molecular Evolution</i> , 2015, 81, 110-120.	1.8	16
17	The Molecular Determinants of Thermoadaptation: <i>Methanococcales</i> as a Case Study. <i>Molecular Biology and Evolution</i> , 2021, 38, 1761-1776.	8.9	14
18	Resurrection of Ancestral Malate Dehydrogenases Reveals the Evolutionary History of Halobacterial Proteins: Deciphering Gene Trajectories and Changes in Biochemical Properties. <i>Molecular Biology and Evolution</i> , 2021, 38, 3754-3774.	8.9	10