

# Matthew F Barber

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8142521/publications.pdf>

Version: 2024-02-01

14  
papers

1,424  
citations

1040056

9  
h-index

1058476

14  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of host-microbe cell adherence by receptor domain shuffling. <i>ELife</i> , 2022, 11, .	6.0	4
2	Diversification of CD1 Molecules Shapes Lipid Antigen Selectivity. <i>Molecular Biology and Evolution</i> , 2021, 38, 2273-2284.	8.9	4
3	Battlefronts of evolutionary conflict between bacteria and animal hosts. <i>PLoS Pathogens</i> , 2020, 16, e1008797.	4.7	14
4	Unearthing the Ancient Origins of Antiviral Immunity. <i>Cell Host and Microbe</i> , 2020, 28, 629-631.	11.0	2
5	A Rapidly Evolving Polybasic Motif Modulates Bacterial Detection by Guanylate Binding Proteins. <i>MBio</i> , 2020, 11, .	4.1	18
6	Molecular Basis for the Evolution of Species-Specific Hemoglobin Capture by <i>Staphylococcus aureus</i> . <i>MBio</i> , 2018, 9, .	4.1	16
7	Rapid Evolution of Primate Type 2 Immune Response Factors Linked to Asthma Susceptibility. <i>Genome Biology and Evolution</i> , 2017, 9, 1757-1765.	2.5	7
8	Antimicrobial Functions of Lactoferrin Promote Genetic Conflicts in Ancient Primates and Modern Humans. <i>PLoS Genetics</i> , 2016, 12, e1006063.	3.5	32
9	Interferon-Inducible GTPases in Host Resistance, Inflammation and Disease. <i>Journal of Molecular Biology</i> , 2016, 428, 3495-3513.	4.2	183
10	Buried Treasure: Evolutionary Perspectives on Microbial Iron Piracy. <i>Trends in Genetics</i> , 2015, 31, 627-636.	6.7	111
11	Escape from bacterial iron piracy through rapid evolution of transferrin. <i>Science</i> , 2014, 346, 1362-1366.	12.6	186
12	Mimicry all the way down. <i>Nature</i> , 2013, 501, 38-39.	27.8	2
13	SIRT7 links H3K18 deacetylation to maintenance of oncogenic transformation. <i>Nature</i> , 2012, 487, 114-118.	27.8	503
14	Cell cycle-dependent deacetylation of telomeric histone H3 lysine K56 by human SIRT6. <i>Cell Cycle</i> , 2009, 8, 2664-2666.	2.6	339