

# Jacob A Mayfield

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

992  
citations

758635

12  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alterations in CER6, a Gene Identical to CUT1, Differentially Affect Long-Chain Lipid Content on the Surface of Pollen and Stems. <i>Plant Cell</i> , 2000, 12, 2001-2008.	3.1	318
2	Rapid initiation of Arabidopsis pollination requires the oleosin-domain protein GRP17. <i>Nature Cell Biology</i> , 2000, 2, 128-130.	4.6	164
3	Histoplasma Requires SID1, a Member of an Iron-Regulated Siderophore Gene Cluster, for Host Colonization. <i>PLoS Pathogens</i> , 2008, 4, e1000044.	2.1	131
4	Spatially distinct and metabolically active membrane domain in mycobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5400-5405.	3.3	78
5	<i>Mycobacterium tuberculosis</i> releases an antacid that remodels phagosomes. <i>Nature Chemical Biology</i> , 2019, 15, 889-899.	3.9	53
6	T cell autoreactivity directed toward CD1c itself rather than toward carried self lipids. <i>Nature Immunology</i> , 2018, 19, 397-406.	7.0	52
7	Surrogate Genetics and Metabolic Profiling for Characterization of Human Disease Alleles. <i>Genetics</i> , 2012, 190, 1309-1323.	1.2	46
8	Human T cell response to CD1a and contact dermatitis allergens in botanical extracts and commercial skin care products. <i>Science Immunology</i> , 2020, 5, .	5.6	42
9	The cell envelope-associated phospholipid-binding protein LmeA is required for mannan polymerization in mycobacteria. <i>Journal of Biological Chemistry</i> , 2017, 292, 17407-17417.	1.6	24
10	Discovery of <i>Salmonella</i> trehalose phospholipids reveals functional convergence with mycobacteria. <i>Journal of Experimental Medicine</i> , 2019, 216, 757-771.	4.2	20
11	Gene expression signature of atypical breast hyperplasia and regulation by SFRP1. <i>Breast Cancer Research</i> , 2019, 21, 76.	2.2	19
12	Alterations in CER6, a Gene Identical to CUT1, Differentially Affect Long-Chain Lipid Content on the Surface of Pollen and Stems. <i>Plant Cell</i> , 2000, 12, 2001.	3.1	18
13	Demethylmenaquinone Methyl Transferase Is a Membrane Domain-Associated Protein Essential for Menaquinone Homeostasis in <i>Mycobacterium smegmatis</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 3145.	1.5	18
14	Genetic modifiers regulating DNA replication and double-strand break repair are associated with differences in mammary tumors in mouse models of Li-Fraumeni syndrome. <i>Oncogene</i> , 2021, 40, 5026-5037.	2.6	6
15	Genetic control of immune cell types in fungal disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22202-22206.	3.3	3