

# Fred D Mast

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3438076/publications.pdf>

Version: 2024-02-01

31  
papers

1,026  
citations

516710

16  
h-index

454955

30  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1460  
citing authors

#	ARTICLE	IF	CITATIONS
1	A genome-wide CRISPR-Cas9 screen identifies CENPJ as a host regulator of altered microtubule organization during Plasmodium liver infection. <i>Cell Chemical Biology</i> , 2022, 29, 1419-1433.e5.	5.2	10
2	ILF3 Is a Negative Transcriptional Regulator of Innate Immune Responses and Myeloid Dendritic Cell Maturation. <i>Journal of Immunology</i> , 2021, 206, 2949-2965.	0.8	7
3	Angiotensin II receptor I auto-antibodies following SARS-CoV-2 infection. <i>PLoS ONE</i> , 2021, 16, e0259902.	2.5	10
4	Highly synergistic combinations of nanobodies that target SARS-CoV-2 and are resistant to escape. <i>ELife</i> , 2021, 10, .	6.0	36
5	Peroxisome prognostications: Exploring the birth, life, and death of an organelle. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	18
6	Crippling life support for SARS-CoV-2 and other viruses through synthetic lethality. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	20
7	ODELAM, rapid sequence-independent detection of drug resistance in isolates of <i>Mycobacterium tuberculosis</i> . <i>ELife</i> , 2020, 9, .	6.0	8
8	Alterations in Phosphorylation of Hepatocyte Ribosomal Protein S6 Control Plasmodium Liver Stage Infection. <i>Cell Reports</i> , 2019, 26, 3391-3399.e4.	6.4	11
9	Plasmodium Secretion Induces Hepatocyte Lysosome Exocytosis and Promotes Parasite Entry. <i>IScience</i> , 2019, 21, 603-611.	4.1	16
10	ESCRT-III is required for scissioning new peroxisomes from the endoplasmic reticulum. <i>Journal of Cell Biology</i> , 2018, 217, 2087-2102.	5.2	53
11	Characterization of Peroxisomal Regulation Networks. <i>Sub-Cellular Biochemistry</i> , 2018, 89, 367-382.	2.4	5
12	One-Cell Doubling Evaluation by Living Arrays of Yeast, ODELAY!. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 279-288.	1.8	17
13	Adaptive Prediction Emerges Over Short Evolutionary Time Scales. <i>Genome Biology and Evolution</i> , 2017, 9, 1616-1623.	2.5	14
14	ODELAY: A Large-scale Method for Multi-parameter Quantification of Yeast Growth. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	3
15	Peroxis Pex30 and Pex29 Dynamically Associate with Reticulons to Regulate Peroxisome Biogenesis from the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2016, 291, 15408-15427.	3.4	48
16	Chromerid genomes reveal the evolutionary path from photosynthetic algae to obligate intracellular parasites. <i>ELife</i> , 2015, 4, e06974.	6.0	198
17	Signaling dynamics and peroxisomes. <i>Current Opinion in Cell Biology</i> , 2015, 35, 131-136.	5.4	30
18	An ancestral role in peroxisome assembly is retained by the divisional peroxin Pex11 in the yeast <i>Yarrowia lipolytica</i> . <i>Journal of Cell Science</i> , 2015, 128, 1327-1340.	2.0	16

#	ARTICLE	IF	CITATIONS
19	Phylogenetic Analysis of Glycerol 3-Phosphate Acyltransferases in Opisthokonts Reveals Unexpected Ancestral Complexity and Novel Modern Biosynthetic Components. PLoS ONE, 2014, 9, e110684.	2.5	7
20	Systems cell biology. Journal of Cell Biology, 2014, 206, 695-706.	5.2	39
21	Evolutionary mechanisms for establishing eukaryotic cellular complexity. Trends in Cell Biology, 2014, 24, 435-442.	7.9	26
22	Emergent Complexity in Myosin V-Based Organelle Inheritance. Molecular Biology and Evolution, 2012, 29, 975-984.	8.9	11
23	A Drosophila model for the Zellweger spectrum of peroxisome biogenesis disorders. DMM Disease Models and Mechanisms, 2011, 4, 659-672.	2.4	54
24	Peroxisome Biogenesis: Something Old, Something New, Something Borrowed. Physiology, 2010, 25, 347-356.	3.1	28
25	The peroxisomal protein importomer: a bunch of transients with expanding waistlines. Nature Cell Biology, 2010, 12, 203-205.	10.3	9
26	Molecular mechanisms of organelle inheritance: lessons from peroxisomes in yeast. Nature Reviews Molecular Cell Biology, 2010, 11, 644-654.	37.0	76
27	Myosin-driven peroxisome partitioning in <i>S. cerevisiae</i> . Journal of Cell Biology, 2009, 186, 541-554.	5.2	73
28	Endoplasmic Reticulum-Associated Secretory Proteins Sec20p, Sec39p, and Dsl1p Are Involved in Peroxisome Biogenesis. Eukaryotic Cell, 2009, 8, 830-843.	3.4	68
29	Pex3 peroxisome biogenesis proteins function in peroxisome inheritance as class V myosin receptors. Journal of Cell Biology, 2009, 187, 233-246.	5.2	42
30	Genome-wide analysis of signaling networks regulating fatty acid-induced gene expression and organelle biogenesis. Journal of Cell Biology, 2008, 181, 281-292.	5.2	55
31	YJL185c encodes a peroxisomal protein that binds Inp1p and is required for peroxisome retention. FASEB Journal, 2008, 22, 263-263.	0.5	0