

# Fikadu G Tafesse

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,666  
citations

331259

21  
h-index

301761

39  
g-index

53  
all docs

53  
docs citations

53  
times ranked

4343  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Functional Role for Antibodies in Tuberculosis. <i>Cell</i> , 2016, 167, 433-443.e14.	13.5	461
2	The Multigenic Sphingomyelin Synthase Family. <i>Journal of Biological Chemistry</i> , 2006, 281, 29421-29425.	1.6	248
3	Vaccination before or after SARS-CoV-2 infection leads to robust humoral response and antibodies that effectively neutralize variants. <i>Science Immunology</i> , 2022, 7, eabn8014.	5.6	220
4	Both Sphingomyelin Synthases SMS1 and SMS2 Are Required for Sphingomyelin Homeostasis and Growth in Human HeLa Cells*. <i>Journal of Biological Chemistry</i> , 2007, 282, 17537-17547.	1.6	183
5	Ceramides bind VDAC2 to trigger mitochondrial apoptosis. <i>Nature Communications</i> , 2019, 10, 1832.	5.8	144
6	Sphingomyelin synthase-related protein SMSr controls ceramide homeostasis in the ER. <i>Journal of Cell Biology</i> , 2009, 185, 1013-1027.	2.3	141
7	Neutralization of SARS-CoV-2 variants by convalescent and BNT162b2 vaccinated serum. <i>Nature Communications</i> , 2021, 12, 5135.	5.8	107
8	Roles of Arabidopsis Patatin-Related Phospholipases A in Root Development Are Related to Auxin Responses and Phosphate Deficiency. <i>Molecular Plant</i> , 2010, 3, 524-538.	3.9	97
9	Antibody Response and Variant Cross-Neutralization After SARS-CoV-2 Breakthrough Infection. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 179.	3.8	89
10	Age-Dependent Neutralization of SARS-CoV-2 and P.1 Variant by Vaccine Immune Serum Samples. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 868.	3.8	83
11	Bruton's Tyrosine Kinase (BTK) and Vav1 Contribute to Dectin1-Dependent Phagocytosis of <i>Candida albicans</i> in Macrophages. <i>PLoS Pathogens</i> , 2013, 9, e1003446.	2.1	77
12	Cannabinoids Block Cellular Entry of SARS-CoV-2 and the Emerging Variants. <i>Journal of Natural Products</i> , 2022, 85, 176-184.	1.5	75
13	Heterogeneous GM-CSF signaling in macrophages is associated with control of <i>Mycobacterium tuberculosis</i> . <i>Nature Communications</i> , 2019, 10, 2329.	5.8	62
14	Cross-reactivity of SARS-CoV structural protein antibodies against SARS-CoV-2. <i>Cell Reports</i> , 2021, 34, 108737.	2.9	61
15	Sphingomyelin synthase-related protein SMSr is a suppressor of ceramide-induced mitochondrial apoptosis. <i>Journal of Cell Science</i> , 2014, 127, 445-54.	1.2	58
16	Intact sphingomyelin biosynthetic pathway is essential for intracellular transport of influenza virus glycoproteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6406-6411.	3.3	55
17	Disruption of Sphingolipid Biosynthesis Blocks Phagocytosis of <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2015, 11, e1005188.	2.1	55
18	GPR107, a G-protein-coupled Receptor Essential for Intoxication by <i>Pseudomonas aeruginosa</i> Exotoxin A, Localizes to the Golgi and Is Cleaved by Furin. <i>Journal of Biological Chemistry</i> , 2014, 289, 24005-24018.	1.6	54

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19	A global lipid map defines a network essential for Zika virus replication. <i>Nature Communications</i> , 2020, 11, 3652.	5.8	50
20	Usp12 stabilizes the T-cell receptor complex at the cell surface during signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E705-14.	3.3	41
21	Lipids and pathogenic flaviviruses: An intimate union. <i>PLoS Pathogens</i> , 2018, 14, e1006952.	2.1	41
22	A global lipid map reveals host dependency factors conserved across SARS-CoV-2 variants. <i>Nature Communications</i> , 2022, 13, .	5.8	22
23	Switching head group selectivity in mammalian sphingolipid biosynthesis by active-site-engineering of sphingomyelin synthases. <i>Journal of Lipid Research</i> , 2017, 58, 962-973.	2.0	20
24	Sphingomyelin Biosynthesis Is Essential for Phagocytic Signaling during <i>Mycobacterium tuberculosis</i> Host Cell Entry. <i>MBio</i> , 2021, 12, .	1.8	20
25	High seroprevalence of anti-SARS-CoV-2 antibodies among Ethiopian healthcare workers. <i>BMC Infectious Diseases</i> , 2022, 22, 261.	1.3	18
26	The activity of myeloid cell-specific VHH immunotoxins is target-, epitope-, subset- and organ dependent. <i>Scientific Reports</i> , 2017, 7, 17916.	1.6	17
27	A potent alpaca-derived nanobody that neutralizes SARS-CoV-2 variants. <i>IScience</i> , 2022, 25, 103960.	1.9	16
28	Ceramide synthase 2 deletion decreases the infectivity of HIV-1. <i>Journal of Biological Chemistry</i> , 2021, 296, 100340.	1.6	15
29	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)â€™Specific Memory B Cells From Individuals With Diverse Disease Severities Recognize SARS-CoV-2 Variants of Concern. <i>Journal of Infectious Diseases</i> , 2022, 225, 947-956.	1.9	13
30	A brake on lipid synthesis. <i>Nature</i> , 2010, 463, 1028-1029.	13.7	10
31	Alternative splicing of MR1 regulates antigen presentation to MAIT cells. <i>Scientific Reports</i> , 2020, 10, 15429.	1.6	9
32	A Single Dose of ChAdOx1 nCoV-19 Vaccine Elicits High Antibody Responses in Individuals with Prior SARS-CoV-2 Infection Comparable to That of Two-Dose-Vaccinated, SARS-CoV-2-Infection-Naïve Individuals: A Longitudinal Study in Ethiopian Health Workers. <i>Vaccines</i> , 2022, 10, 859.	2.1	9
33	A lyophilized colorimetric RT-LAMP test kit for rapid, low-cost, at-home molecular testing of SARS-CoV-2 and other pathogens. <i>Scientific Reports</i> , 2022, 12, 7043.	1.6	8
34	Rab6 regulates recycling and retrograde trafficking of MR1 molecules. <i>Scientific Reports</i> , 2020, 10, 20778.	1.6	7
35	Switching head group selectivity in mammalian sphingolipid biosynthesis by active-site engineering of sphingomyelin synthases. <i>Journal of Lipid Research</i> , 2016, 57, 1273-1285.	2.0	6
36	Ceramide phosphoethanolamine synthase SMSr is a target of caspase-6 during apoptotic cell death. <i>Bioscience Reports</i> , 2017, 37, .	1.1	5

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37	Capsid-specific nanobody effects on HIV-1 assembly and infectivity. <i>Virology</i> , 2021, 562, 19-28.	1.1	5
38	Cross-Reactivity of SARS-CoV Structural Protein Antibodies Against SARS-CoV-2. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
39	Visualizing the Early Stages of Phagocytosis. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	2
40	Visualization and Quantification of Phagocytosis by Neutrophils. <i>Methods in Molecular Biology</i> , 2020, 2087, 141-148.	0.4	1
41	Quantitative Analysis of Cellular Diacylglycerol Content. <i>Bio-protocol</i> , 2014, 4, .	0.2	0