

# Daniel Hornburg

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

4,075  
citations

218381

26  
h-index

454577

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

8527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal multi-omics of host-microbe dynamics in prediabetes. <i>Nature</i> , 2019, 569, 663-671.	13.7	391
2	Cytoplasmic protein aggregates interfere with nucleocytoplasmic transport of protein and RNA. <i>Science</i> , 2016, 351, 173-176.	6.0	336
3	A longitudinal big data approach for precision health. <i>Nature Medicine</i> , 2019, 25, 792-804.	15.2	329
4	Î-Secretase processing of APP inhibits neuronal activity in the hippocampus. <i>Nature</i> , 2015, 526, 443-447.	13.7	308
5	C9orf72 FTD/ALS-associated Gly-Ala dipeptide repeat proteins cause neuronal toxicity and Unc119 sequestration. <i>Acta Neuropathologica</i> , 2014, 128, 485-503.	3.9	300
6	Social network architecture of human immune cells unveiled by quantitative proteomics. <i>Nature Immunology</i> , 2017, 18, 583-593.	7.0	296
7	The Q Exactive HF, a Benchtop Mass Spectrometer with a Pre-filter, High-performance Quadrupole and an Ultra-high-field Orbitrap Analyzer. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3698-3708.	2.5	285
8	Molecular Choreography of Acute Exercise. <i>Cell</i> , 2020, 181, 1112-1130.e16.	13.5	261
9	Dietary Intake Regulates the Circulating Inflammatory Monocyte Pool. <i>Cell</i> , 2019, 178, 1102-1114.e17.	13.5	254
10	The Impact II, a Very High-Resolution Quadrupole Time-of-Flight Instrument (QTOF) for Deep Shotgun Proteomics *. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2014-2029.	2.5	150
11	Evidence of Extrapaneacretic Glucagon Secretion in Man. <i>Diabetes</i> , 2016, 65, 585-597.	0.3	136
12	C9ORF72 interaction with cofilin modulates actin dynamics in motor neurons. <i>Nature Neuroscience</i> , 2016, 19, 1610-1618.	7.1	131
13	Proteomics and C9orf72 neuropathology identify ribosomes as poly-GR/PR interactors driving toxicity. <i>Life Science Alliance</i> , 2018, 1, e201800070.	1.3	88
14	A genome-wide atlas of co-essential modules assigns function to uncharacterized genes. <i>Nature Genetics</i> , 2021, 53, 638-649.	9.4	86
15	Cross-Platform Comparison of Untargeted and Targeted Lipidomics Approaches on Aging Mouse Plasma. <i>Scientific Reports</i> , 2018, 8, 17747.	1.6	81
16	TDP43 loss of function inhibits endosomal trafficking and alters trophic signaling in neurons. <i>EMBO Journal</i> , 2016, 35, 2350-2370.	3.5	76
17	Molecular and structural architecture of polyQ aggregates in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3446-E3453.	3.3	68
18	The hemicellulose-degrading enzyme system of the thermophilic bacterium <i>Clostridium stercorarium</i> : comparative characterisation and addition of new hemicellulolytic glycoside hydrolases. <i>Biotechnology for Biofuels</i> , 2018, 11, 229.	6.2	62

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19	Oxyntomodulin Identified as a Marker of Type 2 Diabetes and Gastric Bypass Surgery by Mass-spectrometry Based Profiling of Human Plasma. <i>EBioMedicine</i> , 2016, 7, 112-120.	2.7	53
20	Overexpression of Q-rich prion-like proteins suppresses polyQ cytotoxicity and alters the polyQ interactome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18219-18224.	3.3	52
21	Deep Proteomic Evaluation of Primary and Cell Line Motoneuron Disease Models Delineates Major Differences in Neuronal Characteristics. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3410-3420.	2.5	51
22	The MEK5-ERK5 Kinase Axis Controls Lipid Metabolism in Small-Cell Lung Cancer. <i>Cancer Research</i> , 2020, 80, 1293-1303.	0.4	49
23	Global, distinctive, and personal changes in molecular and microbial profiles by specific fibers in humans. <i>Cell Host and Microbe</i> , 2022, 30, 848-862.e7.	5.1	48
24	A DMS Shotgun Lipidomics Workflow Application to Facilitate High-Throughput, Comprehensive Lipidomics. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2655-2663.	1.2	46
25	Cross-Laboratory Standardization of Preclinical Lipidomics Using Differential Mobility Spectrometry and Multiple Reaction Monitoring. <i>Analytical Chemistry</i> , 2021, 93, 16369-16378.	3.2	40
26	Why is it so difficult to measure glucagon-like peptide-1 in a mouse?. <i>Diabetologia</i> , 2017, 60, 2066-2075.	2.9	39
27	Circulating Glucagon 1-61 Regulates Blood Glucose by Increasing Insulin Secretion and Hepatic Glucose Production. <i>Cell Reports</i> , 2017, 21, 1452-1460.	2.9	28
28	Amyloid-like aggregating proteins cause lysosomal defects in neurons via gain-of-function toxicity. <i>Life Science Alliance</i> , 2022, 5, e202101185.	1.3	13
29	Loss of full-length hnRNP R isoform impairs DNA damage response in motoneurons by inhibiting Yb1 recruitment to chromatin. <i>Nucleic Acids Research</i> , 2021, 49, 12284-12305.	6.5	10
30	Identification of covalent modifications regulating immune signaling complex composition and phenotype. <i>Molecular Systems Biology</i> , 2021, 17, e10125.	3.2	6