

# Felix Meissner

## List of Publications by Year in descending order

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57  
papers

7,129  
citations

101496

36  
h-index

149623

56  
g-index

63  
all docs

63  
docs citations

63  
times ranked

13295  
citing authors

#	ARTICLE	IF	CITATIONS
1	L-Arginine Modulates T Cell Metabolism and Enhances Survival and Anti-tumor Activity. <i>Cell</i> , 2016, 167, 829-842.e13.	13.5	1,077
2	NASH limits anti-tumour surveillance in immunotherapy-treated HCC. <i>Nature</i> , 2021, 592, 450-456.	13.7	649
3	Cytoplasmic protein aggregates interfere with nucleocytoplasmic transport of protein and RNA. <i>Science</i> , 2016, 351, 173-176.	6.0	336
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	Superoxide dismutase 1 regulates caspase-1 and endotoxic shock. <i>Nature Immunology</i> , 2008, 9, 866-872.	7.0	273
8	Mutant superoxide dismutase 1-induced IL-1Î² accelerates ALS pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13046-13050.	3.3	273
9	NLRP3 inflammasome assembly is regulated by phosphorylation of the pyrin domain. <i>Journal of Experimental Medicine</i> , 2017, 214, 1725-1736.	4.2	270
10	Dietary Intake Regulates the Circulating Inflammatory Monocyte Pool. <i>Cell</i> , 2019, 178, 1102-1114.e17.	13.5	254
11	Inflammasome activation in NADPH oxidase defective mononuclear phagocytes from patients with chronic granulomatous disease. <i>Blood</i> , 2010, 116, 1570-1573.	0.6	249
12	Functional classification of memory CD8+ T cells by CX3CR1 expression. <i>Nature Communications</i> , 2015, 6, 8306.	5.8	231
13	Direct Proteomic Quantification of the Secretome of Activated Immune Cells. <i>Science</i> , 2013, 340, 475-478.	6.0	174
14	Novel Murine Dendritic Cell Lines: A Powerful Auxiliary Tool for Dendritic Cell Research. <i>Frontiers in Immunology</i> , 2012, 3, 331.	2.2	137
15	Evidence of Extrapaneacretic Glucagon Secretion in Man. <i>Diabetes</i> , 2016, 65, 585-597.	0.3	136
16	Mononuclear phagocytes locally specify and adapt their phenotype in a multiple sclerosis model. <i>Nature Neuroscience</i> , 2018, 21, 1196-1208.	7.1	132
17	C9ORF72 interaction with cofilin modulates actin dynamics in motor neurons. <i>Nature Neuroscience</i> , 2016, 19, 1610-1618.	7.1	131
18	Dynamics in protein translation sustaining T cell preparedness. <i>Nature Immunology</i> , 2020, 21, 927-937.	7.0	120

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19	The emerging role of mass spectrometry-based proteomics in drug discovery. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 637-654.	21.5	110
20	Spatiotemporal Proteomic Profiling of Huntington's Disease Inclusions Reveals Widespread Loss of Protein Function. <i>Cell Reports</i> , 2017, 21, 2291-2303.	2.9	107
21	Intracellular bacteria engage a STING-TBK1-MVB12b pathway to enable paracrine cGAS-STING signalling. <i>Nature Microbiology</i> , 2019, 4, 701-713.	5.9	100
22	The Chaperone UNC93B1 Regulates Toll-like Receptor Stability Independently of Endosomal TLR Transport. <i>Immunity</i> , 2018, 48, 911-922.e7.	6.6	92
23	Quantitative shotgun proteomics: considerations for a high-quality workflow in immunology. <i>Nature Immunology</i> , 2014, 15, 112-117.	7.0	90
24	A new class of carriers that transport selective cargo from the trans Golgi network to the cell surface. <i>EMBO Journal</i> , 2012, 31, 3976-3990.	3.5	88
25	EASI-tag enables accurate multiplexed and interference-free MS2-based proteome quantification. <i>Nature Methods</i> , 2018, 15, 527-530.	9.0	88
26	Proteomics and <i>C9orf72</i> neuropathology identify ribosomes as poly-GR/PR interactors driving toxicity. <i>Life Science Alliance</i> , 2018, 1, e201800070.	1.3	88
27	TDP43 loss of function inhibits endosomal trafficking and alters trophic signaling in neurons. <i>EMBO Journal</i> , 2016, 35, 2350-2370.	3.5	76
28	Spontaneous formation of IpaB ion channels in host cell membranes reveals how <i>Shigella</i> induces pyroptosis in macrophages. <i>Cell Death and Disease</i> , 2012, 3, e384-e384.	2.7	70
29	Secretome Analysis of Lipid-Induced Insulin Resistance in Skeletal Muscle Cells by a Combined Experimental and Bioinformatics Workflow. <i>Journal of Proteome Research</i> , 2015, 14, 4885-4895.	1.8	66
30	Immune-centric network of cytokines and cells in disease context identified by computational mining of PubMed. <i>Nature Biotechnology</i> , 2018, 36, 651-659.	9.4	58
31	Interleukin-1 Antagonist Anakinra in Amyotrophic Lateral Sclerosis—A Pilot Study. <i>PLoS ONE</i> , 2015, 10, e0139684.	1.1	53
32	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
33	Quantitative and Dynamic Catalogs of Proteins Released during Apoptotic and Necroptotic Cell Death. <i>Cell Reports</i> , 2020, 30, 1260-1270.e5.	2.9	53
34	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
35	Quantitative Proteomics Identifies Serum Response Factor Binding Protein 1 as a Host Factor for Hepatitis C Virus Entry. <i>Cell Reports</i> , 2015, 12, 864-878.	2.9	50
36	Hepatitis C virus enters liver cells using the CD81 receptor complex proteins calpain-5 and CBLB. <i>PLoS Pathogens</i> , 2018, 14, e1007111.	2.1	46

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37	Selective multi-kinase inhibition sensitizes mesenchymal pancreatic cancer to immune checkpoint blockade by remodeling the tumor microenvironment. <i>Nature Cancer</i> , 2022, 3, 318-336.	5.7	42
38	Copper Regulates the Canonical NLRP3 Inflammasome. <i>Journal of Immunology</i> , 2018, 200, 1607-1617.	0.4	40
39	Environmental arginine controls multinuclear giant cell metabolism and formation. <i>Nature Communications</i> , 2020, 11, 431.	5.8	37
40	Proteomics reveals distinct mechanisms regulating the release of cytokines and alarmins during pyroptosis. <i>Cell Reports</i> , 2021, 34, 108826.	2.9	33
41	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
42	Gelâ€like inclusions of Câ€terminal fragments of TDPâ€43 sequester stalled proteasomes in neurons. <i>EMBO Reports</i> , 2022, 23, e53890.	2.0	28
43	A DNA-Centric Protein Interaction Map of Ultraconserved Elements Reveals Contribution of Transcription Factor Binding Hubs to Conservation. <i>Cell Reports</i> , 2013, 5, 531-545.	2.9	26
44	TLR3-Mediated CD8+ Dendritic Cell Activation Is Coupled with Establishment of a Cell-Intrinsic Antiviral State. <i>Journal of Immunology</i> , 2015, 195, 1025-1033.	0.4	26
45	Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. <i>Cancer Cell</i> , 2019, 36, 250-267.e9.	7.7	25
46	Interaction of 7SK with the Smn complex modulates snRNP production. <i>Nature Communications</i> , 2021, 12, 1278.	5.8	23
47	Detection of Antibodies against the Four Subtypes of Ebola Virus in Sera from Any Species Using a Novel Antibody-Phage Indicator Assay. <i>Virology</i> , 2002, 300, 236-243.	1.1	20
48	Cholesterol sensing by CD81 is important for hepatitis C virus entry. <i>Journal of Biological Chemistry</i> , 2020, 295, 16931-16948.	1.6	17
49	Congenital deficiency reveals critical role of ISG15 in skin homeostasis. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	16
50	Dissecting intercellular signaling with mass spectrometryâ€based proteomics. <i>Current Opinion in Cell Biology</i> , 2020, 63, 20-30.	2.6	13
51	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
52	Quantitative Proteomics of Uukuniemi Virus-host Cell Interactions Reveals GBF1 as Proviral Host Factor for Phleboviruses. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2401-2417.	2.5	12
53	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
54	Quantitative Proteomics of Secreted Proteins. <i>Methods in Molecular Biology</i> , 2018, 1714, 215-227.	0.4	9

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55	A mass spectrometry guided approach for the identification of novel vaccine candidates in gram-negative pathogens. <i>Scientific Reports</i> , 2019, 9, 17401.	1.6	7
56	Identification of covalent modifications regulating immune signaling complex composition and phenotype. <i>Molecular Systems Biology</i> , 2021, 17, e10125.	3.2	6
57	Abstract 2514: Pancreatic cancer subtype-specific secreted factors determine the immunosuppressive tumor microenvironment. <i>Cancer Research</i> , 2022, 82, 2514-2514.	0.4	0