

# Stefanie M Hauck

## List of Publications by Year in descending order

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Version: 2024-02-01

223  
papers

8,431  
citations

53939

47  
h-index

93651

72  
g-index

248  
all docs

248  
docs citations

248  
times ranked

13963  
citing authors

#	ARTICLE	IF	CITATIONS
1	MS4A15 drives ferroptosis resistance through calcium-restricted lipid remodeling. <i>Cell Death and Differentiation</i> , 2022, 29, 670-686.	5.0	35
2	Genetic variation influencing DNA methylation provides insights into molecular mechanisms regulating genomic function. <i>Nature Genetics</i> , 2022, 54, 18-29.	9.4	60
3	Prospective evaluation of 92 serum protein biomarkers for early detection of ovarian cancer. <i>British Journal of Cancer</i> , 2022, 126, 1301-1309.	2.9	22
4	Bovine Peripheral Blood Derived Lymphocyte Proteome and Secretome Show Divergent Reaction of Bovine Immune Phenotypes after Stimulation with Pokeweed Mitogen. <i>Proteomes</i> , 2022, 10, 7.	1.7	3
5	Neutrophils direct preexisting matrix to initiate repair in damaged tissues. <i>Nature Immunology</i> , 2022, 23, 518-531.	7.0	37
6	Pudding Proteomics: Cyclomalto-dextrin Glucanotransferase and Microbial Proteases Can Liquefy Extended Shelf Life Dairy Products. <i>Metabolites</i> , 2022, 12, 254.	1.3	0
7	Collagen VI Regulates Motor Circuit Plasticity and Motor Performance by Cannabinoid Modulation. <i>Journal of Neuroscience</i> , 2022, 42, 1557-1573.	1.7	1
8	Spatial centrosome proteome of human neural cells uncovers disease-relevant heterogeneity. <i>Science</i> , 2022, 376, .	6.0	25
9	Excessive local host-graft connectivity in aging and amyloid-loaded brain. <i>Science Advances</i> , 2022, 8, .	4.7	5
10	Brain injury environment critically influences the connectivity of transplanted neurons. <i>Science Advances</i> , 2022, 8, .	4.7	12
11	Proteomics of the phase angle: Results from the population-based KORA S4 study. <i>Clinical Nutrition</i> , 2022, 41, 1818-1826.	2.3	3
12	Multiplatform Approach for Plasma Proteomics: Complementarity of Olink Proximity Extension Assay Technology to Mass Spectrometry-Based Protein Profiling. <i>Journal of Proteome Research</i> , 2021, 20, 751-762.	1.8	100
13	Deviant proteome profile of equine granulocytes associates to latent activation status in organ specific autoimmune disease. <i>Journal of Proteomics</i> , 2021, 230, 103989.	1.2	11
14	Oral insulin immunotherapy in children at risk for type 1 diabetes in a randomised controlled trial. <i>Diabetologia</i> , 2021, 64, 1079-1092.	2.9	31
15	Ancestral role of TNF-R pathway in cell differentiation in the basal metazoan Hydra. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	2
16	NEU1 is more abundant in uveitic retina with concomitant desialylation of retinal cells. <i>Glycobiology</i> , 2021, 31, 873-883.	1.3	6
17	Cell Surface Profiling of Retinal Müller Glial Cells Reveals Association to Immune Pathways after LPS Stimulation. <i>Cells</i> , 2021, 10, 711.	1.8	14
18	High glucose treatment promotes extracellular matrix proteome remodeling in Müller glial cells. <i>PeerJ</i> , 2021, 9, e11316.	0.9	3

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19	Proteomic profiling of low muscle and high fat mass: a machine learning approach in the KORA S4/FF4 study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1011-1023.	2.9	7
20	Plasma Proteomics of Renal Function: A Transethnic Meta-Analysis and Mendelian Randomization Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1747-1763.	3.0	16
21	In vitro cellular and proteome assays identify Wnt pathway and CDKN2A-regulated senescence affected in mesenchymal stem cells from mice after a chronic LD gamma irradiation in utero. <i>Radiation and Environmental Biophysics</i> , 2021, 60, 397-410.	0.6	0
22	Single-cell-resolved differentiation of human induced pluripotent stem cells into pancreatic duct-like organoids on a microwell chip. <i>Nature Biomedical Engineering</i> , 2021, 5, 897-913.	11.6	61
23	<i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Proteome Changes Profoundly in Milk. <i>Metabolites</i> , 2021, 11, 549.	1.3	4
24	Banana Lectin from <i>Musa paradisiaca</i> Is Mitogenic for Cow and Pig PBMC via IL-2 Pathway and ELF1. <i>Immuno</i> , 2021, 1, 264-276.	0.6	2
25	Activation of immune cell proteasomes in peripheral blood of smokers and COPD patients - implications for therapy. <i>European Respiratory Journal</i> , 2021, , 2101798.	3.1	9
26	Proteomic signature of the Dravet syndrome in the genetic <i>Scn1a</i> -A1783V mouse model. <i>Neurobiology of Disease</i> , 2021, 157, 105423.	2.1	17
27	Mitochondrial Impairment by MitoBlock-6 Inhibits Liver Cancer Cell Proliferation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 725474.	1.8	4
28	Defining the RBPome of primary T helper cells to elucidate higher-order Roquin-mediated mRNA regulation. <i>Nature Communications</i> , 2021, 12, 5208.	5.8	23
29	Molecular Signatures of Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 430-441.	1.4	23
30	PLK1-dependent phosphorylation restrains EBNA2 activity and lymphomagenesis in EBV-infected mice. <i>EMBO Reports</i> , 2021, 22, e53007.	2.0	5
31	Proteomic Phenotyping of Stimulated M $\phi$ Cells Uncovers Profound Pro-Inflammatory Signaling and Antigen-Presenting Capacity. <i>Frontiers in Pharmacology</i> , 2021, 12, 771571.	1.6	16
32	Phenotypic drug screening in a human fibrosis model identified a novel class of antifibrotic therapeutics. <i>Science Advances</i> , 2021, 7, eabb3673.	4.7	15
33	CREB Signaling Mediates Dose-Dependent Radiation Response in the Murine Hippocampus Two Years after Total Body Exposure. <i>Journal of Proteome Research</i> , 2020, 19, 337-345.	1.8	16
34	Regulation of Alzheimer's disease-associated proteins during epileptogenesis. <i>Neuroscience</i> , 2020, 424, 102-120.	1.1	7
35	Time-resolved phosphoproteomic analysis elucidates hepatic 11,12-Epoxyeicosatrienoic acid signaling pathways. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 146, 106387.	1.0	2
36	GTP Cyclohydrolase 1/Tetrahydrobiopterin Counteract Ferroptosis through Lipid Remodeling. <i>ACS Central Science</i> , 2020, 6, 41-53.	5.3	551

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37	The role of Müller cell glucocorticoid signaling in diabetic retinopathy. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 221-230.	1.0	17
38	Disruption of the sodium-dependent citrate transporter SLC13A5 in mice causes alterations in brain citrate levels and neuronal network excitability in the hippocampus. <i>Neurobiology of Disease</i> , 2020, 143, 105018.	2.1	30
39	Oligodendrocyte myelin glycoprotein as a novel target for pathogenic autoimmunity in the CNS. <i>Acta Neuropathologica Communications</i> , 2020, 8, 207.	2.4	11
40	Neuroretinal-Derived Caveolin-1 Promotes Endotoxin-Induced Inflammation in the Murine Retina. , 2020, 61, 19.		4
41	Preclinical Pulmonary Fibrosis Circulating Protein Biomarkers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1720-1724.	2.5	4
42	Mitochondrial Regulation of the 26S Proteasome. <i>Cell Reports</i> , 2020, 32, 108059.	2.9	28
43	Light sheet fluorescence microscopy guided MALDI-imaging mass spectrometry of cleared tissue samples. <i>Scientific Reports</i> , 2020, 10, 14461.	1.6	22
44	Chronic Occupational Exposure to Ionizing Radiation Induces Alterations in the Structure and Metabolism of the Heart: A Proteomic Analysis of Human Formalin-Fixed Paraffin-Embedded (FFPE) Cardiac Tissue. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6832.	1.8	17
45	JMJD6 Regulates Splicing of Its Own Gene Resulting in Alternatively Spliced Isoforms with Different Nuclear Targets. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6618.	1.8	2
46	Deciphering the Plasma Proteome of Type 2 Diabetes. <i>Diabetes</i> , 2020, 69, 2766-2778.	0.3	34
47	Proteome profile of neutrophils from a transgenic diabetic pig model shows distinct changes. <i>Journal of Proteomics</i> , 2020, 224, 103843.	1.2	8
48	CD11d is a novel antigen on chicken leukocytes. <i>Journal of Proteomics</i> , 2020, 225, 103876.	1.2	6
49	Nonsense-mediated decay factor SMG7 sensitizes cells to TNF $\alpha$ -induced apoptosis via CYLD tumor suppressor and the noncoding oncogene <i>Pvt1</i> . <i>Molecular Oncology</i> , 2020, 14, 2420-2435.	2.1	8
50	Potent inhibition of HIV replication in primary human cells by novel synthetic polyketides inspired by Aureothin. <i>Scientific Reports</i> , 2020, 10, 1326.	1.6	7
51	Oncogenic Linear Collagen VI of Invasive Breast Cancer Is Induced by CCL5. <i>Journal of Clinical Medicine</i> , 2020, 9, 991.	1.0	13
52	Chronic Hyperglycemia Drives Functional Impairment of Lymphocytes in Diabetic INSC94Y Transgenic Pigs. <i>Frontiers in Immunology</i> , 2020, 11, 607473.	2.2	19
53	Quantitative proteomic profiling of extracellular matrix and site-specific collagen post-translational modifications in an in vitro model of lung fibrosis. <i>Matrix Biology Plus</i> , 2019, 1, 100005.	1.9	55
54	MALT1 Phosphorylation Controls Activation of T Lymphocytes and Survival of ABC-DLBCL Tumor Cells. <i>Cell Reports</i> , 2019, 29, 873-888.e10.	2.9	22

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55	Hyperacetylation of Cardiac Mitochondrial Proteins Is Associated with Metabolic Impairment and Sirtuin Downregulation after Chronic Total Body Irradiation of ApoE <sup>-/-</sup> Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5239.	1.8	27
56	A High-Calorie Diet Aggravates Mitochondrial Dysfunction and Triggers Severe Liver Damage in Wilson Disease Rats. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 571-596.	2.3	50
57	Immune homeostasis and regulation of the interferon pathway require myeloid-derived Regnase-3. <i>Journal of Experimental Medicine</i> , 2019, 216, 1700-1723.	4.2	29
58	Linking bioenergetic function of mitochondria to tissue-specific molecular fingerprints. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E374-E387.	1.8	29
59	Cross-Regulation between TDP-43 and Paraspeckles Promotes Pluripotency-Differentiation Transition. <i>Molecular Cell</i> , 2019, 74, 951-965.e13.	4.5	85
60	Omics: Potential Role in Early Phase Drug Development. , 2019, , 309-347.		0
61	The centrosome protein AKNA regulates neurogenesis via microtubule organization. <i>Nature</i> , 2019, 567, 113-117.	13.7	67
62	The agonistic TSPO ligand XBD173 attenuates the glial response thereby protecting inner retinal neurons in a murine model of retinal ischemia. <i>Journal of Neuroinflammation</i> , 2019, 16, 43.	3.1	35
63	Cell-Type-Specific Complement Expression in the Healthy and Diseased Retina. <i>Cell Reports</i> , 2019, 29, 2835-2848.e4.	2.9	81
64	Combined Treatment with Low-Dose Ionizing Radiation and Ketamine Induces Adverse Changes in CA1 Neuronal Structure in Male Murine Hippocampi. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6103.	1.8	7
65	Omentinâ€regulated proteins combine a proâ€inflammatory phenotype with an antiâ€inflammatory counterregulation in human adipocytes: A proteomics analysis. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3074.	1.7	11
66	Protein markers and risk of type 2 diabetes and prediabetes: a targeted proteomics approach in the KORA F4/FF4 study. <i>European Journal of Epidemiology</i> , 2019, 34, 409-422.	2.5	37
67	Dissecting the molecular effects of cigarette smoke on proteasome function. <i>Journal of Proteomics</i> , 2019, 193, 1-9.	1.2	13
68	On the origin of proteins in human drusen: The meet, greet and stick hypothesis. <i>Progress in Retinal and Eye Research</i> , 2019, 70, 55-84.	7.3	77
69	The Surface Proteome of Adult Neural Stem Cells in Zebrafish Unveils Long-Range Cell-Cell Connections and Age-Related Changes in Responsiveness to IGF. <i>Stem Cell Reports</i> , 2019, 12, 258-273.	2.3	15
70	IL8 and PMA Trigger the Regulation of Different Biological Processes in Granulocyte Activation. <i>Frontiers in Immunology</i> , 2019, 10, 3064.	2.2	19
71	Peripheral blood bovine lymphocytes and MAP show distinctly different proteome changes and immune pathways in host-pathogen interaction. <i>PeerJ</i> , 2019, 7, e8130.	0.9	4
72	The effects of zinc supplementation on primary human retinal pigment epithelium. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 49, 184-191.	1.5	15

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73	Influence of white matter injury on gray matter reactive gliosis upon stab wound in the adult murine cerebral cortex. <i>Glia</i> , 2018, 66, 1644-1662.	2.5	24
74	Crosstalk between monocyte invasion and astrocyte proliferation regulates scarring in brain injury. <i>EMBO Reports</i> , 2018, 19, .	2.0	98
75	A Proteomics Approach to Identify Candidate Proteins Secreted by Müller Glia that Protect Ganglion Cells in the Retina. <i>Proteomics</i> , 2018, 18, e1700321.	1.3	36
76	Proteomic profiling of epileptogenesis in a rat model: Focus on cell stress, extracellular matrix and angiogenesis. <i>Neurobiology of Disease</i> , 2018, 112, 119-135.	2.1	27
77	Spatiotemporal patterning of EpCAM is important for murine embryonic endo- and mesodermal differentiation. <i>Scientific Reports</i> , 2018, 8, 1801.	1.6	20
78	Mir-492 regulates metastatic properties of hepatoblastoma via CD44. <i>Liver International</i> , 2018, 38, 1280-1291.	1.9	32
79	Mitochondrial adaptation in steatotic mice. <i>Mitochondrion</i> , 2018, 40, 1-12.	1.6	54
80	Proteomic Landscape of Patient-Derived CD4+ T Cells in Recent-Onset Type 1 Diabetes. <i>Journal of Proteome Research</i> , 2018, 17, 618-634.	1.8	33
81	A Functionally Different Immune Phenotype in Cattle Is Associated With Higher Mastitis Incidence. <i>Frontiers in Immunology</i> , 2018, 9, 2884.	2.2	6
82	Interaction of septin 7 and DOCK8 in equine lymphocytes reveals novel insights into signaling pathways associated with autoimmunity. <i>Scientific Reports</i> , 2018, 8, 12332.	1.6	20
83	Formin like 1 expression is increased on CD4+ T lymphocytes in spontaneous autoimmune uveitis. <i>Journal of Proteomics</i> , 2017, 154, 102-108.	1.2	23
84	Quantitative changes in the protein and miRNA cargo of plasma exosome-like vesicles after exposure to ionizing radiation. <i>International Journal of Radiation Biology</i> , 2017, 93, 569-580.	1.0	63
85	Retinopathy with central oedema in an INS C94Y transgenic pig model of long-term diabetes. <i>Diabetologia</i> , 2017, 60, 1541-1549.	2.9	36
86	Investigation of corneal autoantibodies in horses with immune mediated keratitis (IMMK). <i>Veterinary Immunology and Immunopathology</i> , 2017, 187, 48-54.	0.5	9
87	Cigarette smoke alters the secretome of lung epithelial cells. <i>Proteomics</i> , 2017, 17, 1600243.	1.3	18
88	A systems level analysis of epileptogenesis-associated proteome alterations. <i>Neurobiology of Disease</i> , 2017, 105, 164-178.	2.1	25
89	Proteome-wide Identification of Glycosylation-dependent Interactors of Galectin-1 and Galectin-3 on Mesenchymal Retinal Pigment Epithelial (RPE) Cells. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1528-1546.	2.5	35
90	Allele-specific quantitative proteomics unravels molecular mechanisms modulated by cis-regulatory PPAR $\gamma$ locus variation. <i>Nucleic Acids Research</i> , 2017, 45, 3266-3279.	6.5	8

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91	Colloidal Stability and Surface Chemistry Are Key Factors for the Composition of the Protein Corona of Inorganic Gold Nanoparticles. <i>Advanced Functional Materials</i> , 2017, 27, 1701956.	7.8	76
92	Data on chow, liver tissue and mitochondrial fatty acid compositions as well as mitochondrial proteome changes after feeding mice a western diet for 24 weeks. <i>Data in Brief</i> , 2017, 15, 163-169.	0.5	9
93	Proteome Dynamics in Biobanked Horse Peripheral Blood Derived Lymphocytes (PBL) with Induced Autoimmune Uveitis. <i>Proteomics</i> , 2017, 17, 1700013.	1.3	21
94	Role of TGF Beta and PPAR Alpha Signaling Pathways in Radiation Response of Locally Exposed Heart: Integrated Global Transcriptomics and Proteomics Analysis. <i>Journal of Proteome Research</i> , 2017, 16, 307-318.	1.8	39
95	Peptide serum markers in islet autoantibody-positive children. <i>Diabetologia</i> , 2017, 60, 287-295.	2.9	24
96	A dose-dependent perturbation in cardiac energy metabolism is linked to radiation-induced ischemic heart disease in Mayak nuclear workers. <i>Oncotarget</i> , 2017, 8, 9067-9078.	0.8	50
97	Immunological Characterization of Intraocular Lymphoid Follicles in a Spontaneous Recurrent Uveitis Model. , 2016, 57, 4504.		22
98	Complement Regulator FHR-3 Is Elevated either Locally or Systemically in a Selection of Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2016, 7, 542.	2.2	29
99	Expression and Distribution Pattern of Aquaporin 4, 5 and 11 in Retinas of 15 Different Species. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1145.	1.8	21
100	5-Hydroxymethylcytosine Remodeling Precedes Lineage Specification during Differentiation of Human CD4+ T Cells. <i>Cell Reports</i> , 2016, 16, 559-570.	2.9	56
101	Common ragweed ( <i>Ambrosia artemisiifolia</i> L.): allergenicity and molecular characterization of pollen after plant exposure to elevated NO <sub>2</sub> . <i>Plant, Cell and Environment</i> , 2016, 39, 147-164.	2.8	88
102	Oncogenic CARMA1 couples NF- $\kappa$ B and $\beta$ -catenin signaling in diffuse large B-cell lymphomas. <i>Oncogene</i> , 2016, 35, 4269-4281.	2.6	44
103	Catenin delta-1 (CTNND1) phosphorylation controls the mesenchymal to epithelial transition in astrocytic tumors. <i>Human Molecular Genetics</i> , 2016, 25, 4201-4210.	1.4	10
104	HDAC inhibition in the <i>cpfl1</i> mouse protects degenerating cone photoreceptors <i>in vivo</i> . <i>Human Molecular Genetics</i> , 2016, 25, dww275.	1.4	39
105	microRNA regulatory circuits in a mouse model of inherited retinal degeneration. <i>Scientific Reports</i> , 2016, 6, 31431.	1.6	32
106	Comparative Proteomics Analysis of Arabidopsis Phloem Exudates Collected During the Induction of Systemic Acquired Resistance. <i>Plant Physiology</i> , 2016, 171, pp.00269.2016.	2.3	64
107	Aquaporin 11, a regulator of water efflux at retinal Müller glial cell surface decreases concomitant with immune-mediated gliosis. <i>Journal of Neuroinflammation</i> , 2016, 13, 89.	3.1	17
108	The unconventional secretion of ARMS2. <i>Human Molecular Genetics</i> , 2016, 25, 3143-3151.	1.4	21

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109	MASP1, THBS1, GPLD1 and ApoA-IV are novel biomarkers associated with prediabetes: the KORA F4 study. <i>Diabetologia</i> , 2016, 59, 1882-1892.	2.9	54
110	Modulation of Protein S-Nitrosylation by Isoprene Emission in Poplar. <i>Plant Physiology</i> , 2016, 170, 1945-1961.	2.3	39
111	Surface proteome analysis identifies platelet derived growth factor receptor-alpha as a critical mediator of transforming growth factor-beta-induced collagen secretion. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 74, 44-59.	1.2	14
112	Proteomic Profiling Suggests Central Role Of STAT Signaling during Retinal Degeneration in the Mouse Model. <i>Journal of Proteome Research</i> , 2016, 15, 1350-1359.	1.8	21
113	Proteomic profiling of epileptogenesis in a rat model: Focus on inflammation. <i>Brain, Behavior, and Immunity</i> , 2016, 53, 138-158.	2.0	70
114	The Proteome of Native Adult Müller Glial Cells From Murine Retina. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 462-480.	2.5	136
115	Retinal Caveolin-1 Modulates Neuroprotective Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2016, 854, 411-418.	0.8	16
116	Proteomic Profiling of Cigarette Smoke Induced Changes in Retinal Pigment Epithelium Cells. <i>Advances in Experimental Medicine and Biology</i> , 2016, 854, 785-791.	0.8	7
117	Epithelial-to-Mesenchymal Transition of RPE Cells In Vitro Confers Increased $\beta$ 1,6-N-Glycosylation and Increased Susceptibility to Galectin-3 Binding. <i>PLoS ONE</i> , 2016, 11, e0146887.	1.1	34
118	In-Utero Low-Dose Irradiation Leads to Persistent Alterations in the Mouse Heart Proteome. <i>PLoS ONE</i> , 2016, 11, e0156952.	1.1	13
119	Twist1 induces distinct cell states depending on TGFBR1-activation. <i>Oncotarget</i> , 2016, 7, 30396-30407.	0.8	12
120	Cyr61 and YB-1 are novel interacting partners of uPAR and elevate the malignancy of triple-negative breast cancer. <i>Oncotarget</i> , 2016, 7, 44062-44075.	0.8	7
121	Astrocyte reactivity after brain injury: The role of galectins 1 and 3. <i>Glia</i> , 2015, 63, 2340-2361.	2.5	107
122	Regulation of Immunoproteasome Function in the Lung. <i>Scientific Reports</i> , 2015, 5, 10230.	1.6	64
123	Retinal Glia Promote Dorsal Root Ganglion Axon Regeneration. <i>PLoS ONE</i> , 2015, 10, e0115996.	1.1	8
124	$\beta$ -secretase directly sheds the survival receptor BCMA from plasma cells. <i>Nature Communications</i> , 2015, 6, 7333.	5.8	267
125	Long-term consequences of in utero irradiated mice indicate proteomic changes in synaptic plasticity related signalling. <i>Proteome Science</i> , 2015, 13, 26.	0.7	11
126	High-resolution MALDI mass spectrometric imaging of lipids in the mammalian retina. <i>Histochemistry and Cell Biology</i> , 2015, 143, 453-462.	0.8	26



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127	The Immunoregulator Soluble TACI Is Released by ADAM10 and Reflects B Cell Activation in Autoimmunity. <i>Journal of Immunology</i> , 2015, 194, 542-552.	0.4	99
128	Total Body Exposure to Low-Dose Ionizing Radiation Induces Long-Term Alterations to the Liver Proteome of Neonatally Exposed Mice. <i>Journal of Proteome Research</i> , 2015, 14, 366-373.	1.8	33
129	High fat diet-induced modifications in membrane lipid and mitochondrial-membrane protein signatures precede the development of hepatic insulin resistance in mice. <i>Molecular Metabolism</i> , 2015, 4, 39-50.	3.0	34
130	Novel Localization of Peripherin 2, the Photoreceptor-Specific Retinal Degeneration Slow Protein, in Retinal Pigment Epithelium. <i>International Journal of Molecular Sciences</i> , 2015, 16, 2678-2692.	1.8	4
131	Low-Dose Ionizing Radiation Rapidly Affects Mitochondrial and Synaptic Signaling Pathways in Murine Hippocampus and Cortex. <i>Journal of Proteome Research</i> , 2015, 14, 2055-2064.	1.8	45
132	Omics: Potential Role in Early-Phase Drug Development. , 2015, , 189-222.		0
133	Neonatal Irradiation Leads to Persistent Proteome Alterations Involved in Synaptic Plasticity in the Mouse Hippocampus and Cortex. <i>Journal of Proteome Research</i> , 2015, 14, 4674-4686.	1.8	23
134	A Combined Omics Approach to Generate the Surface Atlas of Human Naive CD4+ T Cells during Early T-Cell Receptor Activation. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2085-2102.	2.5	40
135	The Epoxyeicosatrienoic Acid Pathway Enhances Hepatic Insulin Signaling and is Repressed in Insulin-Resistant Mouse Liver*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2764-2774.	2.5	13
136	The hand eczema proteome: imbalance of epidermal barrier proteins. <i>British Journal of Dermatology</i> , 2015, 172, 994-1001.	1.4	47
137	Unraveling the Equine Lymphocyte Proteome: Differential Septin 7 Expression Associates with Immune Cells in Equine Recurrent Uveitis. <i>PLoS ONE</i> , 2014, 9, e91684.	1.1	30
138	Identification of a Novel Neurotrophic Factor from Primary Retinal M $\mu$ ller Cells Using Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC). <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2371-2381.	2.5	17
139	Feasibility and quality development of biomaterials in the pretest studies of the German National Cohort. <i>Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz</i> , 2014, 57, 1255-1263.	7.2	8
140	Proteomic Survey Reveals Altered Energetic Patterns and Metabolic Failure Prior to Retinal Degeneration. <i>Journal of Neuroscience</i> , 2014, 34, 2797-2812.	1.7	25
141	Therapeutic targeting of naturally presented myeloperoxidase-derived HLA peptide ligands on myeloid leukemia cells by TCR-transgenic T cells. <i>Leukemia</i> , 2014, 28, 2355-2366.	3.3	21
142	Restless Legs Syndrome-associated intronic common variant in <i>Meis1</i> alters enhancer function in the developing telencephalon. <i>Genome Research</i> , 2014, 24, 592-603.	2.4	102
143	Cyr61 activates retinal cells and prolongs photoreceptor survival in rd1 mouse model of retinitis pigmentosa. <i>Journal of Neurochemistry</i> , 2014, 130, 227-240.	2.1	18
144	High-resolution metabolite imaging of light and dark treated retina using MALDI-FTICR mass spectrometry. <i>Proteomics</i> , 2014, 14, 913-923.	1.3	40

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145	The Neuroprotective Potential of Retinal Müller Glial Cells. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 381-387.	0.8	13
146	Jumonji domain containing protein 6 (Jmjd6) modulates splicing and specifically interacts with arginine-rich (RS) domains of SR- and SR-like proteins. <i>Nucleic Acids Research</i> , 2014, 42, 7833-7850.	6.5	61
147	Retinal proteome alterations in a mouse model of type 2 diabetes. <i>Diabetologia</i> , 2014, 57, 192-203.	2.9	36
148	Leveraging Cross-Species Transcription Factor Binding Site Patterns: From Diabetes Risk Loci to Disease Mechanisms. <i>Cell</i> , 2014, 156, 343-358.	13.5	113
149	Novel Approach of MALDI Drug Imaging, Immunohistochemistry, and Digital Image Analysis for Drug Distribution Studies in Tissues. <i>Analytical Chemistry</i> , 2014, 86, 10568-10575.	3.2	41
150	True blue: Sopsin is widely expressed in different animal species. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 32-42.	1.0	8
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