

Marius Ueffing

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8238688/publications.pdf>

Version: 2024-02-01

213
papers

11,842
citations

26630

56
h-index

38395

95
g-index

226
all docs

226
docs citations

226
times ranked

15368
citing authors

#	ARTICLE	IF	CITATIONS
1	The Phenotypic Course of Age-Related Macular Degeneration for ARMS2/HTRA1. <i>Ophthalmology</i> , 2022, 129, 752-764.	5.2	19
2	Pharmacokinetics of Pullulanâ€“Dexamethasone Conjugates in Retinal Drug Delivery. <i>Pharmaceutics</i> , 2022, 14, 12.	4.5	11
3	Affinity Proteomics Identifies Interaction Partners and Defines Novel Insights into the Function of the Adhesion GPCR VLGR1/ADGRV1. <i>Molecules</i> , 2022, 27, 3108.	3.8	8
4	TTC30A and TTC30B Redundancy Protects IFT Complex B Integrity and Its Pivotal Role in Ciliogenesis. <i>Genes</i> , 2022, 13, 1191.	2.4	4
5	Genetic Risk, Lifestyle, and Age-Related Macular Degeneration in Europe. <i>Ophthalmology</i> , 2021, 128, 1039-1049.	5.2	46
6	Development of a Genotype Assay for Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2021, 128, 1604-1617.	5.2	38
7	Tissue- and isoform-specific protein complex analysis with natively processed bait proteins. <i>Journal of Proteomics</i> , 2021, 231, 103947.	2.4	8
8	Predicting Progression to Advanced Age-Related Macular Degeneration from Clinical, Genetic, and Lifestyle Factors Using Machine Learning. <i>Ophthalmology</i> , 2021, 128, 587-597.	5.2	34
9	HDAC inhibition ameliorates cone survival in retinitis pigmentosa mice. <i>Cell Death and Differentiation</i> , 2021, 28, 1317-1332.	11.2	22
10	Die â€žDOG 2020 onlineâ€œ â€“ erstmals im von-Graefe-Jahr. <i>Ophthalmologie</i> , 2021, 118, 78-80.	1.1	2
11	Efficient Ocular Delivery of VCP siRNA via Reverse Magnetofection in RHO P23H Rodent Retina Explants. <i>Pharmaceutics</i> , 2021, 13, 225.	4.5	19
12	Loss of Ciliary Gene Bbs8 Results in Physiological Defects in the Retinal Pigment Epithelium. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 607121.	3.7	12
13	The complement system in age-related macular degeneration. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 4487-4505.	5.4	96
14	Testing for SARS-CoV-2 seroprevalence: experiences of a tertiary eye centre. <i>BMJ Open Ophthalmology</i> , 2021, 6, e000688.	1.6	0
15	Adhesion G protein-coupled receptor VLGR1/ADGRV1 regulates cell spreading and migration by mechanosensing at focal adhesions. <i>IScience</i> , 2021, 24, 102283.	4.1	20
16	Severe acute respiratory Syndrome-Coronavirus-2: Can it be detected in the retina?. <i>PLoS ONE</i> , 2021, 16, e0251682.	2.5	7
17	New Method for Efficient siRNA Delivery in Retina Explants: Reverse Magnetofection. <i>Bioconjugate Chemistry</i> , 2021, 32, 1078-1093.	3.6	6
18	The highly conserved FOXJ1 target CFAP161 is dispensable for motile ciliary function in mouse and <i>Xenopus</i> . <i>Scientific Reports</i> , 2021, 11, 13333.	3.3	3

#	ARTICLE	IF	CITATIONS
19	TRAF6 Phosphorylation Prevents Its Autophagic Degradation and Re-Shapes LPS-Triggered Signaling Networks. <i>Cancers</i> , 2021, 13, 3618.	3.7	4
20	CFH Loss in Human RPE Cells Leads to Inflammation and Complement System Dysregulation via the NF- κ B Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8727.	4.1	18
21	Activity of the mouse Notch ligand DLL1 is sensitive to C-terminal tagging in vivo. <i>BMC Research Notes</i> , 2021, 14, 383.	1.4	1
22	Bardet-Biedl syndrome proteins modulate the release of bioactive extracellular vesicles. <i>Nature Communications</i> , 2021, 12, 5671.	12.8	23
23	The Na ⁺ -activated K ⁺ channel Slack contributes to synaptic development and plasticity. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 7569-7587.	5.4	4
24	Vessel Evaluation in Patients with Primary Open-Angle Glaucoma, Normal Tension Glaucoma and Healthy Controls. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 4269-4280.	1.8	0
25	Pharmacological Inhibition of the VCP/Proteasome Axis Rescues Photoreceptor Degeneration in RHOP23H Rat Retinal Explants. <i>Biomolecules</i> , 2021, 11, 1528.	4.0	7
26	Retinal neuroprotection by controlled release of a VCP inhibitor from self-assembled nanoparticles. <i>Journal of Controlled Release</i> , 2021, 339, 307-320.	9.9	11
27	Complement Factor H Loss in RPE Cells Causes Retinal Degeneration in a Human RPE-Porcine Retinal Explant Co-Culture Model. <i>Biomolecules</i> , 2021, 11, 1621.	4.0	5
28	mTOR Inhibition via Rapamycin Treatment Partially Reverts the Deficit in Energy Metabolism Caused by FH Loss in RPE Cells. <i>Antioxidants</i> , 2021, 10, 1944.	5.1	5
29	CHANGES IN RETINAL SENSITIVITY AFTER GENE THERAPY IN CHOROIDEREMIA. <i>Retina</i> , 2020, 40, 160-168.	1.7	47
30	CFAP43 modulates ciliary beating in mouse and Xenopus. <i>Developmental Biology</i> , 2020, 459, 109-125.	2.0	22
31	A Multi-Omics Approach Identifies Key Regulatory Pathways Induced by Long-Term Zinc Supplementation in Human Primary Retinal Pigment Epithelium. <i>Nutrients</i> , 2020, 12, 3051.	4.1	15
32	Absence of Severe Acute Respiratory Syndrome-Coronavirus-2 RNA in ocular tissues. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 19, 100805.	0.7	13
33	Human Dopaminergic Neurons Lacking PINK1 Exhibit Disrupted Dopamine Metabolism Related to Vitamin B6 Co-Factors. <i>IScience</i> , 2020, 23, 101797.	4.1	20
34	The FOXJ1 target <i>Cfap206</i> is required for sperm motility, mucociliary clearance of the airways and brain development. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	19
35	Integrating Metabolomics, Genomics, and Disease Pathways in Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2020, 127, 1693-1709.	5.2	43
36	Antagonistic activities of CDC14B and CDK1 on USP9X regulate WT1-dependent mitotic transcription and survival. <i>Nature Communications</i> , 2020, 11, 1268.	12.8	22

#	ARTICLE	IF	CITATIONS
37	Characterization, Stability, and In Vivo Efficacy Studies of Recombinant Human CNTF and Its Permeation into the Neural Retina in Ex Vivo Organotypic Retinal Explant Culture Models. <i>Pharmaceutics</i> , 2020, 12, 611.	4.5	8
38	Loss of Complement Factor H impairs antioxidant capacity and energy metabolism of human RPE cells. <i>Scientific Reports</i> , 2020, 10, 10320.	3.3	43
39	Using Transcriptomic Analysis to Assess Double-Strand Break Repair Activity: Towards Precise in Vivo Genome Editing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1380.	4.1	11
40	Ring Finger Protein 11 acts on ligand-activated EGFR via the direct interaction with the UIM region of ANKRD13 protein family. <i>FEBS Journal</i> , 2020, 287, 3526-3550.	4.7	12
41	Extensive rewiring of the EGFR network in colorectal cancer cells expressing transforming levels of KRASG13D. <i>Nature Communications</i> , 2020, 11, 499.	12.8	42
42	PCARE and WASF3 regulate ciliary F-actin assembly that is required for the initiation of photoreceptor outer segment disk formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9922-9931.	7.1	58
43	Dysfunction of the ciliary ARMC9/TOGARAM1 protein module causes Joubert syndrome. <i>Journal of Clinical Investigation</i> , 2020, 130, 4423-4439.	8.2	43
44	Metabolomics in serum of patients with non-advanced age-related macular degeneration reveals aberrations in the glutamine pathway. <i>PLoS ONE</i> , 2019, 14, e0218457.	2.5	21
45	A systems biology approach towards understanding and treating non-neovascular age-related macular degeneration. <i>Nature Communications</i> , 2019, 10, 3347.	12.8	192
46	Affinity proteomics identifies novel functional modules related to adhesion GPCRs. <i>Annals of the New York Academy of Sciences</i> , 2019, 1456, 144-167.	3.8	11
47	Efficacy and Safety of Retinal Gene Therapy Using Adeno-Associated Virus Vector for Patients With Choroideremia. <i>JAMA Ophthalmology</i> , 2019, 137, 1247.	2.5	64
48	Transcriptional and metabolic rewiring of colorectal cancer cells expressing the oncogenic KRASG13D mutation. <i>British Journal of Cancer</i> , 2019, 121, 37-50.	6.4	41
49	Optic disc detection in the presence of strong technical artifacts. <i>Biomedical Signal Processing and Control</i> , 2019, 53, 101535.	5.7	14
50	CiliaCarta: An integrated and validated compendium of ciliary genes. <i>PLoS ONE</i> , 2019, 14, e0216705.	2.5	104
51	A Cleared View on Retinal Organoids. <i>Cells</i> , 2019, 8, 391.	4.1	39
52	Safety and Toxicology of Ocular Gene Therapy with Recombinant AAV Vector rAAV.hCNGA3 in Nonhuman Primates. <i>Human Gene Therapy Clinical Development</i> , 2019, 30, 50-56.	3.1	17
53	Chromatic Full-Field Stimulus Threshold and Pupillography as Functional Markers for Late-Stage, Early-Onset Retinitis Pigmentosa Caused by <i>CRB1</i> Mutations. <i>Translational Vision Science and Technology</i> , 2019, 8, 45.	2.2	13
54	Mediterranean Diet and Incidence of Advanced Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2019, 126, 381-390.	5.2	89

#	ARTICLE	IF	CITATIONS
55	Merging organoid and organ-on-a-chip technology to generate complex multi-layer tissue models in a human retina-on-a-chip platform. <i>ELife</i> , 2019, 8, .	6.0	256
56	Auto-regulation of Rab5 GEF activity in Rabex5 by allosteric structural changes, catalytic core dynamics and ubiquitin binding. <i>ELife</i> , 2019, 8, .	6.0	26
57	CRISPR/Cas9-mediated Genomic Editing of Cluap1/IFT38 Reveals a New Role in Actin Arrangement. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1285-1294.	3.8	20
58	DNAAF1 links heart laterality with the AAA+ ATPase RUVBL1 and ciliary intraflagellar transport. <i>Human Molecular Genetics</i> , 2018, 27, 529-545.	2.9	45
59	A new perspective on lipid research in age-related macular degeneration. <i>Progress in Retinal and Eye Research</i> , 2018, 67, 56-86.	15.5	162
60	Combination of cGMP analogue and drug delivery system provides functional protection in hereditary retinal degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2997-E3006.	7.1	90
61	Systemic and ocular fluid compounds as potential biomarkers in age-related macular degeneration. <i>Survey of Ophthalmology</i> , 2018, 63, 9-39.	4.0	98
62	Combined Targeted Analysis of Metabolites and Proteins in Tear Fluid With Regard to Clinical Applications. <i>Translational Vision Science and Technology</i> , 2018, 7, 22.	2.2	25
63	The evolutionary conserved FOXJ1 target gene <i>Fam183b</i> is essential for motile cilia in <i>Xenopus</i> but dispensable for ciliary function in mice. <i>Scientific Reports</i> , 2018, 8, 14678.	3.3	14
64	The small GTPase RAB28 is required for phagocytosis of cone outer segments by the murine retinal pigmented epithelium. <i>Journal of Biological Chemistry</i> , 2018, 293, 17546-17558.	3.4	39
65	Phosphorylation of the neurogenic transcription factor SOX11 on serine 133 modulates neuronal morphogenesis. <i>Scientific Reports</i> , 2018, 8, 16196.	3.3	10
66	Development of Methodology and Study Protocol: Safety and Efficacy of a Single Subretinal Injection of rAAV.hCNGA3 in Patients with <i>CNGA3</i> -Linked Achromatopsia Investigated in an Exploratory Dose-Escalation Trial. <i>Human Gene Therapy Clinical Development</i> , 2018, 29, 121-131.	3.1	22
67	Humoral Immune Response After Intravitreal But Not After Subretinal AAV8 in Primates and Patients. , 2018, 59, 1910.		64
68	Functional analyses of Pericentrin and Syne-2/Nesprin-2 interaction in ciliogenesis. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	7
69	Formin like 1 expression is increased on CD4+ T lymphocytes in spontaneous autoimmune uveitis. <i>Journal of Proteomics</i> , 2017, 154, 102-108.	2.4	23
70	Amplified pathogenic actions of angiotensin II in cysteine-rich LIM-only protein 4 ⁻ negative mouse hearts. <i>FASEB Journal</i> , 2017, 31, 1620-1638.	0.5	9
71	Liver cyst gene knockout in cholangiocytes inhibits cilium formation and Wnt signaling. <i>Human Molecular Genetics</i> , 2017, 26, 4190-4202.	2.9	10
72	AAV8 Can Induce Innate and Adaptive Immune Response in the Primate Eye. <i>Molecular Therapy</i> , 2017, 25, 2648-2660.	8.2	95

#	ARTICLE	IF	CITATIONS
73	Prevalence of Age-Related Macular Degeneration in Europe. <i>Ophthalmology</i> , 2017, 124, 1753-1763.	5.2	337
74	Rods progressively escape saturation to drive visual responses in daylight conditions. <i>Nature Communications</i> , 2017, 8, 1813.	12.8	99
75	1700012B09Rik, a FOXJ1 effector gene active in ciliated tissues of the mouse but not essential for motile ciliogenesis. <i>Developmental Biology</i> , 2017, 429, 186-199.	2.0	6
76	Superior Retinal Gene Transfer and Biodistribution Profile of Subretinal Versus Intravitreal Delivery of AAV8 in Nonhuman Primates. , 2017, 58, 5792.		75
77	Human Visionâ€“Motivated Algorithm Allows Consistent Retinal Vessel Classification Based on Local Color Contrast for Advancing General Diagnostic Exams. , 2016, 57, 731.		2
78	A subset of RAB proteins modulates PP2A phosphatase activity. <i>Scientific Reports</i> , 2016, 6, 32857.	3.3	5
79	CFAP157 is a murine downstream effector of FOXJ1 that is specifically required for flagellum morphogenesis and sperm motility. <i>Development (Cambridge)</i> , 2016, 143, 4736-4748.	2.5	19
80	Mutations in CEP78 Cause Cone-Rod Dystrophy and Hearing Loss Associated with Primary-Cilia Defects. <i>American Journal of Human Genetics</i> , 2016, 99, 770-776.	6.2	44
81	Catenin delta-1 (CTNND1) phosphorylation controls the mesenchymal to epithelial transition in astrocytic tumors. <i>Human Molecular Genetics</i> , 2016, 25, 4201-4210.	2.9	10
82	HDAC inhibition in the <i>cpfl1</i> mouse protects degenerating cone photoreceptors <i>in vivo</i> . <i>Human Molecular Genetics</i> , 2016, 25, ddw275.	2.9	39
83	Mass-Spectrometry-Based Proteomics Reveals Organ-Specific Expression Patterns To Be Used as Forensic Evidence. <i>Journal of Proteome Research</i> , 2016, 15, 182-192.	3.7	19
84	Autophosphorylation on S614 inhibits the activity and the transforming potential of BRAF. <i>Cellular Signalling</i> , 2016, 28, 1432-1439.	3.6	6
85	An organelle-specific protein landscape identifies novel diseases and molecular mechanisms. <i>Nature Communications</i> , 2016, 7, 11491.	12.8	207
86	USP9X stabilizes XIAP to regulate mitotic cell death and chemoresistance in aggressive Bâ€“cell lymphoma. <i>EMBO Molecular Medicine</i> , 2016, 8, 851-862.	6.9	50
87	The unconventional secretion of ARMS2. <i>Human Molecular Genetics</i> , 2016, 25, 3143-3151.	2.9	21
88	Structural model of the dimeric Parkinsonâ€™s protein LRRK2 reveals a compact architecture involving distant interdomain contacts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4357-E4366.	7.1	130
89	MASP-1 and MASP-2 Do Not Activate Proâ€“Factor D in Resting Human Blood, whereas MASP-3 Is a Potential Activator: Kinetic Analysis Involving Specific MASP-1 and MASP-2 Inhibitors. <i>Journal of Immunology</i> , 2016, 196, 857-865.	0.8	47
90	Proteomic Profiling Suggests Central Role Of STAT Signaling during Retinal Degeneration in the <i>rd10</i> Mouse Model. <i>Journal of Proteome Research</i> , 2016, 15, 1350-1359.	3.7	21

#	ARTICLE	IF	CITATIONS
91	Gene Structure of the 10q26 Locus: A Clue to Cracking the ARMS2/HTRA1 Riddle?. <i>Advances in Experimental Medicine and Biology</i> , 2016, 854, 23-29.	1.6	9
92	Hypothermia Protects and Prolongs the Tolerance Time of Retinal Ganglion Cells against Ischemia. <i>PLoS ONE</i> , 2016, 11, e0148616.	2.5	19
93	Pitchfork and Gprasp2 Target Smoothed to the Primary Cilium for Hedgehog Pathway Activation. <i>PLoS ONE</i> , 2016, 11, e0149477.	2.5	21
94	Organotypic retinal explant cultures as in vitro alternative for diabetic retinopathy studies. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2016, 33, 459-464.	1.5	29
95	The Interaction of CCDC104/BARTL1 with Arl3 and Implications for Ciliary Function. <i>Structure</i> , 2015, 23, 2122-2132.	3.3	22
96	The Ciliopathy Protein CC2D2A Associates with NINL and Functions in RAB8-MICAL3-Regulated Vesicle Trafficking. <i>PLoS Genetics</i> , 2015, 11, e1005575.	3.5	64
97	KIAA0556 is a novel ciliary basal body component mutated in Joubert syndrome. <i>Genome Biology</i> , 2015, 16, 293.	8.8	56
98	High-resolution MALDI mass spectrometric imaging of lipids in the mammalian retina. <i>Histochemistry and Cell Biology</i> , 2015, 143, 453-462.	1.7	26
99	A visual review of the interactome of LRRK2: Using deep-curated molecular interaction data to represent biology. <i>Proteomics</i> , 2015, 15, 1390-1404.	2.2	38
100	Integrative Proteomics and Targeted Transcriptomics Analyses in Cardiac Endothelial Cells Unravel Mechanisms of Long-Term Radiation-Induced Vascular Dysfunction. <i>Journal of Proteome Research</i> , 2015, 14, 1203-1219.	3.7	86
101	Identification of hydroxyapatite spherules provides new insight into subretinal pigment epithelial deposit formation in the aging eye. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1565-1570.	7.1	101
102	An siRNA-based functional genomics screen for the identification of regulators of ciliogenesis and ciliopathy genes. <i>Nature Cell Biology</i> , 2015, 17, 1074-1087.	10.3	215
103	Multimodal assessment of choroideremia patients defines pre-treatment characteristics. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 2143-2150.	1.9	44
104	TCTEX1D2 mutations underlie Jeune asphyxiating thoracic dystrophy with impaired retrograde intraflagellar transport. <i>Nature Communications</i> , 2015, 6, 7074.	12.8	51
105	Expression of leukemia inhibitory factor in Müller glia cells is regulated by a redox-dependent mRNA stability mechanism. <i>BMC Biology</i> , 2015, 13, 30.	3.8	11
106	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.	3.8	13
107	NINL and DZANK1 Co-function in Vesicle Transport and Are Essential for Photoreceptor Development in Zebrafish. <i>PLoS Genetics</i> , 2015, 11, e1005574.	3.5	23
108	Unraveling the Equine Lymphocyte Proteome: Differential Septin 7 Expression Associates with Immune Cells in Equine Recurrent Uveitis. <i>PLoS ONE</i> , 2014, 9, e91684.	2.5	30

#	ARTICLE	IF	CITATIONS
109	Identification of a Common Non-Apoptotic Cell Death Mechanism in Hereditary Retinal Degeneration. PLoS ONE, 2014, 9, e112142.	2.5	191
110	Identification of a Novel Neurotrophic Factor from Primary Retinal Müller Cells Using Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC). Molecular and Cellular Proteomics, 2014, 13, 2371-2381.	3.8	17
111	Proteomic Survey Reveals Altered Energetic Patterns and Metabolic Failure Prior to Retinal Degeneration. Journal of Neuroscience, 2014, 34, 2797-2812.	3.6	25
112	Combining affinity proteomics and network context to identify new phosphatase substrates and adapters in growth pathways. Frontiers in Genetics, 2014, 5, 115.	2.3	13
113	Cyr61 activates retinal cells and prolongs photoreceptor survival in rd1 mouse model of retinitis pigmentosa. Journal of Neurochemistry, 2014, 130, 227-240.	3.9	18
114	High-resolution metabolite imaging of light and dark treated retina using MALDI-FTICR mass spectrometry. Proteomics, 2014, 14, 913-923.	2.2	40
115	Retinal proteome alterations in a mouse model of type 2 diabetes. Diabetologia, 2014, 57, 192-203.	6.3	36
116	Leucine-Rich Repeat Kinase 2 Binds to Neuronal Vesicles through Protein Interactions Mediated by Its C-Terminal WD40 Domain. Molecular and Cellular Biology, 2014, 34, 2147-2161.	2.3	91
117	The impact of blood on liver metabolite profiling – a combined metabolomic and proteomic approach. Biomedical Chromatography, 2014, 28, 231-240.	1.7	19
118	Parkinson-related LRRK2 mutation R1441C/G/H impairs PKA phosphorylation of LRRK2 and disrupts its interaction with 14-3-3. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E34-43.	7.1	103
119	Proteomics - moving from inventory to personalized medicine?. Proteomics, 2014, 14, 1953-1953.	2.2	2
120	The role of the plexin-A2 receptor in semaphorin-3A and semaphorin-3B signal transduction. Journal of Cell Science, 2014, 127, 5240-52.	2.0	32
121	Disruption of the Basal Body Protein POC1B Results in Autosomal-Recessive Cone-Rod Dystrophy. American Journal of Human Genetics, 2014, 95, 131-142.	6.2	65
122	Elution Profile Analysis of SDS-induced Subcomplexes by Quantitative Mass Spectrometry. Molecular and Cellular Proteomics, 2014, 13, 1382-1391.	3.8	28
123	A Cell Surface Biotinylation Assay to Reveal Membrane-associated Neuronal Cues: Negr1 Regulates Dendritic Arborization. Molecular and Cellular Proteomics, 2014, 13, 733-748.	3.8	57
124	Peripherin-2 couples rhodopsin to the CNG channel in outer segments of rod photoreceptors. Human Molecular Genetics, 2014, 23, 5989-5997.	2.9	23
125	The Equine CD4+ Lymphocyte Proteome. Dataset Papers in Science, 2014, 2014, 1-4.	1.0	8
126	Myc Commands an Aurora Kinase – Sumoylation Circuit Required for B Cell Lymphoma Growth and Survival. Blood, 2014, 124, 3107-3107.	1.4	0

#	ARTICLE	IF	CITATIONS
127	LST1 promotes the assembly of a molecular machinery responsible for tunneling nanotube formation. <i>Journal of Cell Science</i> , 2013, 126, 767-77.	2.0	103
128	ATP-competitive LRRK2 inhibitors interfere with monoclonal antibody binding to the kinase domain of LRRK2 under native conditions. A method to directly monitor the active conformation of LRRK2?. <i>Journal of Neuroscience Methods</i> , 2013, 214, 62-68.	2.5	10
129	ANKS6 is a central component of a nephronophthisis module linking NEK8 to INVS and NPHP3. <i>Nature Genetics</i> , 2013, 45, 951-956.	21.4	183
130	Expression Changes and Novel Interaction Partners of Talin 1 in Effector Cells of Autoimmune Uveitis. <i>Journal of Proteome Research</i> , 2013, 12, 5812-5819.	3.7	26
131	Identification of Autoantigens in Body Fluids by Combining Pull-Downs and Organic Precipitations of Intact Immune Complexes with Quantitative Label-Free Mass Spectrometry. <i>Journal of Proteome Research</i> , 2013, 12, 5656-5665.	3.7	16
132	Integrative proteomic and microRNA analysis of primary human coronary artery endothelial cells exposed to low-dose gamma radiation. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 87-98.	1.4	34
133	ApoE, Mbl2, and Psp Plasma Protein Levels Correlate with Diabetic Phenotype in NZO Mice—An Optimized Rapid Workflow for SRM-Based Quantification. <i>Journal of Proteome Research</i> , 2013, 12, 1331-1343.	3.7	33
134	PPAR Alpha: A Novel Radiation Target in Locally Exposed <i>Mus musculus</i> Heart Revealed by Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2013, 12, 2700-2714.	3.7	56
135	Active Transport and Diffusion Barriers Restrict Joubert Syndrome-Associated ARL13B/ARL-13 to an Inv-like Ciliary Membrane Subdomain. <i>PLoS Genetics</i> , 2013, 9, e1003977.	3.5	91
136	Isotope Coded Protein Labeling Coupled Immunoprecipitation (ICPL-IP): A Novel Approach for Quantitative Protein Complex Analysis From Native Tissue. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1395-1406.	3.8	9
137	Successful Subretinal Delivery and Monitoring of MicroBeads in Mice. <i>PLoS ONE</i> , 2013, 8, e55173.	2.5	11
138	Galectin-3 Induces Clustering of CD147 and Integrin- β 1 Transmembrane Glycoprotein Receptors on the RPE Cell Surface. <i>PLoS ONE</i> , 2013, 8, e70011.	2.5	43
139	Phenotypic map of porcine retinal ganglion cells. <i>Molecular Vision</i> , 2013, 19, 904-16.	1.1	2
140	Profound Re-Organization of Cell Surface Proteome in Equine Retinal Pigment Epithelial Cells in Response to In Vitro Culturing. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14053-14072.	4.1	7
141	Calretinin interacts with huntingtin and reduces mutant huntingtin-induced cytotoxicity. <i>Journal of Neurochemistry</i> , 2012, 123, 437-446.	3.9	19
142	Two-Dimensional Peptide Separation Improving Sensitivity of Selected Reaction Monitoring-Based Quantitative Proteomics in Mouse Liver Tissue: Comparing Off-Gel Electrophoresis and Strong Cation Exchange Chromatography. <i>Analytical Chemistry</i> , 2012, 84, 8853-8862.	6.5	19
143	Prothymosin- β Interacts with Mutant Huntingtin and Suppresses Its Cytotoxicity in Cell Culture. <i>Journal of Biological Chemistry</i> , 2012, 287, 1279-1289.	3.4	27
144	Mass spectrometric identification of novel posttranslational modification sites in huntingtin. <i>Proteomics</i> , 2012, 12, 2060-2064.	2.2	24

#	ARTICLE	IF	CITATIONS
145	Direct comparison of MS-based label-free and SILAC quantitative proteome profiling strategies in primary retinal Müller cells. <i>Proteomics</i> , 2012, 12, 1902-1911.	2.2	114
146	S100-A10, thioredoxin, and S100-A6 as biomarkers of papillary thyroid carcinoma with lymph node metastasis identified by MALDI Imaging. <i>Journal of Molecular Medicine</i> , 2012, 90, 163-174.	3.9	56
147	Geminin Is a Newly Identified Cks1 Interaction Partner and Overexpressed in a Murine Model During Lymphomagenesis. <i>Blood</i> , 2012, 120, 1328-1328.	1.4	0
148	Structural and functional protein network analyses predict novel signaling functions for rhodopsin. <i>Molecular Systems Biology</i> , 2011, 7, 551.	7.2	33
149	MALDI Imaging Identifies Prognostic Seven-Protein Signature of Novel Tissue Markers in Intestinal-Type Gastric Cancer. <i>American Journal of Pathology</i> , 2011, 179, 2720-2729.	3.8	127
150	Dlg3 Trafficking and Apical Tight Junction Formation Is Regulated by Nedd4 and Nedd4-2 E3 Ubiquitin Ligases. <i>Developmental Cell</i> , 2011, 21, 479-491.	7.0	48
151	ER stress in retinal degeneration: a target for rational therapy?. <i>Trends in Molecular Medicine</i> , 2011, 17, 442-451.	6.7	55
152	GDNF-induced osteopontin from Müller glial cells promotes photoreceptor survival in the Pde6b ^{rd1} mouse model of retinal degeneration. <i>Glia</i> , 2011, 59, 821-832.	4.9	70
153	The ciliopathy-associated protein homologs RCGRIP1 and RCGRIP1L are linked to cilium integrity through interaction with Nek4 serine/threonine kinase. <i>Human Molecular Genetics</i> , 2011, 20, 3592-3605.	2.9	60
154	LRRK2 Controls Synaptic Vesicle Storage and Mobilization within the Recycling Pool. <i>Journal of Neuroscience</i> , 2011, 31, 2225-2237.	3.6	240
155	Disruption of intraflagellar protein transport in photoreceptor cilia causes Leber congenital amaurosis in humans and mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 2169-2180.	8.2	94
156	Clearance of RhodopsinP23H aggregates requires the ERAD effector VCP. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 424-434.	4.1	45
157	ARHGEF7 (BETA-PIX) Acts as Guanine Nucleotide Exchange Factor for Leucine-Rich Repeat Kinase 2. <i>PLoS ONE</i> , 2010, 5, e13762.	2.5	55
158	A Community Standard Format for the Representation of Protein Affinity Reagents. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1-10.	3.8	35
159	Deciphering Membrane-Associated Molecular Processes in Target Tissue of Autoimmune Uveitis by Label-Free Quantitative Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 2292-2305.	3.8	181
160	Inactivation of VCP/ter94 Suppresses Retinal Pathology Caused by Misfolded Rhodopsin in Drosophila. <i>PLoS Genetics</i> , 2010, 6, e1001075.	3.5	65
161	Phosphopeptide Analysis Reveals Two Discrete Clusters of Phosphorylation in the N-Terminus and the Roc Domain of the Parkinson-Disease Associated Protein Kinase LRRK2. <i>Journal of Proteome Research</i> , 2010, 9, 1738-1745.	3.7	132
162	Pitchfork Regulates Primary Cilia Disassembly and Left-Right Asymmetry. <i>Developmental Cell</i> , 2010, 19, 66-77.	7.0	133

#	ARTICLE	IF	CITATIONS
163	Approaching clinical proteomics: current state and future fields of application in fluid proteomics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 724-44.	2.3	112
164	Tandem Affinity Purification of Ciliopathy-Associated Protein Complexes. <i>Methods in Cell Biology</i> , 2009, 91, 143-160.	1.1	19
165	Identification of a Heterogeneous Nuclear Ribonucleoprotein-recognition Region in the HIV Rev Protein. <i>Journal of Biological Chemistry</i> , 2009, 284, 33384-33391.	3.4	37
166	PKG activity causes photoreceptor cell death in two retinitis pigmentosa models. <i>Journal of Neurochemistry</i> , 2009, 108, 796-810.	3.9	113
167	The Parkinson disease-associated protein kinase LRRK2 exhibits MAPKKK activity and phosphorylates MKK3/6 and MKK4/7, <i>in vitro</i> . <i>Journal of Neurochemistry</i> , 2009, 109, 959-968.	3.9	175
168	Serum PEDF Levels Are Decreased in a Spontaneous Animal Model for Human Autoimmune Uveitis. <i>Journal of Proteome Research</i> , 2009, 8, 992-998.	3.7	33
169	Strep/FLAG Tandem Affinity Purification (SF-TAP) to Study Protein Interactions. <i>Current Protocols in Protein Science</i> , 2009, 57, Unit19.20.	2.8	64
170	Seven successful years of Omics research: The Human Brain Proteome Project within the National German Research Network (NGFN). <i>Proteomics</i> , 2008, 8, 1116-1117.	2.2	4
171	Discovering novel targets for autoantibodies in dilated cardiomyopathy. <i>Electrophoresis</i> , 2008, 29, 1325-1332.	2.4	11
172	Delta-like 1 participates in the specification of ventral midbrain progenitor derived dopaminergic neurons. <i>Journal of Neurochemistry</i> , 2008, 104, 1101-1115.	3.9	45
173	Equine Recurrent Uveitis – A Spontaneous Horse Model of Uveitis. <i>Ophthalmic Research</i> , 2008, 40, 151-153.	1.9	83
174	Identification of Paracrine Neuroprotective Candidate Proteins by a Functional Assay-driven Proteomics Approach. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1349-1361.	3.8	38
175	Excessive Activation of Poly(ADP-Ribose) Polymerase Contributes to Inherited Photoreceptor Degeneration in the Retinal Degeneration 1 Mouse. <i>Journal of Neuroscience</i> , 2007, 27, 10311-10319.	3.6	124
176	Retinal Mueller Glial Cells Trigger the Hallmark Inflammatory Process in Autoimmune Uveitis. <i>Journal of Proteome Research</i> , 2007, 6, 2121-2131.	3.7	54
177	Major retinal autoantigens remain stably expressed during all stages of spontaneous uveitis. <i>Molecular Immunology</i> , 2007, 44, 3291-3296.	2.2	37
178	Membrane-initiated effects of progesterone on calcium dependent signaling and activation of VEGF gene expression in retinal glial cells. <i>Glia</i> , 2007, 55, 1061-1073.	4.9	53
179	WI-PHI: A weighted yeast interactome enriched for direct physical interactions. <i>Proteomics</i> , 2007, 7, 932-943.	2.2	83
180	Down-regulation of pigment epithelium-derived factor in uveitic lesion associates with focal vascular endothelial growth factor expression and breakdown of the blood-retinal barrier. <i>Proteomics</i> , 2007, 7, 1540-1548.	2.2	49

#	ARTICLE	IF	CITATIONS
181	A novel tandem affinity purification strategy for the efficient isolation and characterisation of native protein complexes. <i>Proteomics</i> , 2007, 7, 4228-4234.	2.2	206
182	Mutations in LCA5, encoding the ciliary protein lebercilin, cause Leber congenital amaurosis. <i>Nature Genetics</i> , 2007, 39, 889-895.	21.4	186
183	ProteomeBinders: planning a European resource of affinity reagents for analysis of the human proteome. <i>Nature Methods</i> , 2007, 4, 13-17.	19.0	231
184	Two-dimensional electrophoresis of membrane proteins. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1033-1045.	3.7	113
185	Differential Protein Profiling of Primary versus Immortalized Human RPE Cells Identifies Expression Patterns Associated with Cytoskeletal Remodeling and Cell Survival. <i>Journal of Proteome Research</i> , 2006, 5, 862-878.	3.7	135
186	Insights into the membrane proteome of rat liver peroxisomes: Microsomal glutathione-S-transferase is shared by both subcellular compartments. <i>Proteomics</i> , 2006, 6, 804-816.	2.2	63
187	Calpain is activated in degenerating photoreceptors in the rd1 mouse. <i>Journal of Neurochemistry</i> , 2006, 96, 802-814.	3.9	129
188	Identification and Functional Validation of Novel Autoantigens in Equine Uveitis. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1462-1470.	3.8	85
189	Differential Analysis of <i>Saccharomyces cerevisiae</i> Mitochondria by Free Flow Electrophoresis. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 2185-2200.	3.8	56
190	Differential Modification of Phosducin Protein in Degenerating rd1 Retina Is Associated with Constitutively Active Ca ²⁺ /Calmodulin Kinase II in Rod Outer Segments. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 324-336.	3.8	51
191	Crucial Mitochondrial Impairment upon CDC48 Mutation in Apoptotic Yeast. <i>Journal of Biological Chemistry</i> , 2006, 281, 25757-25767.	3.4	74
192	The Parkinson disease causing LRRK2 mutation I2020T is associated with increased kinase activity. <i>Human Molecular Genetics</i> , 2006, 15, 223-232.	2.9	442
193	GDNF Family Ligands Trigger Indirect Neuroprotective Signaling in Retinal Glial Cells. <i>Molecular and Cellular Biology</i> , 2006, 26, 2746-2757.	2.3	108
194	Proteomic analysis of the porcine interphotoreceptor matrix. <i>Proteomics</i> , 2005, 5, 3623-3636.	2.2	42
195	Integrative Analysis of the Mitochondrial Proteome in Yeast. <i>PLoS Biology</i> , 2004, 2, e160.	5.6	181
196	Improved mass spectrometric identification of gel-separated hydrophobic membrane proteins after sodium dodecyl sulfate removal by ion-pair extraction. <i>Proteomics</i> , 2004, 4, 3776-3782.	2.2	43
197	Proteomic profiling of primary retinal Müller glia cells reveals a shift in expression patterns upon adaptation to in vitro conditions. <i>Glia</i> , 2003, 44, 251-263.	4.9	94
198	Improved proteome analysis of <i>Saccharomyces cerevisiae</i> mitochondria by free-flow electrophoresis. <i>Proteomics</i> , 2003, 3, 906-916.	2.2	148

#	ARTICLE	IF	CITATIONS
199	The fusion protein AML1-ETO in acute myeloid leukemia with translocation t(8;21) induces c-jun protein expression via the proximal AP-1 site of the c-jun promoter in an indirect, JNK-dependent manner. <i>Oncogene</i> , 2003, 22, 5646-5657.	5.9	39
200	Comparative Proteome Analysis of Native Differentiated and Cultured Dedifferentiated Human RPE Cells. , 2003, 44, 3629.		92
201	Liposome-mediated gene transfer to fetal human ventral mesencephalic explant cultures. <i>Neuroscience Letters</i> , 2001, 308, 169-172.	2.1	10
202	Nonviral Glial Cell-Derived Neurotrophic Factor Gene Transfer Enhances Survival of Cultured Dopaminergic Neurons and Improves Their Function after Transplantation in a Rat Model of Parkinson's Disease. <i>Human Gene Therapy</i> , 2000, 11, 1529-1541.	2.7	24
203	Hydrogen peroxide-induced apoptosis is CD95-independent, requires the release of mitochondria-derived reactive oxygen species and the activation of NF- κ B. <i>Oncogene</i> , 1999, 18, 747-757.	5.9	300
204	Overexpression of PKC δ in R6 fibroblasts causes increased production of active TGF β 2. <i>Journal of Cellular Physiology</i> , 1998, 175, 314-322.	4.1	26
205	Phosphorylation of GTP Cyclohydrolase I and Modulation of Its Activity in Rodent Mast Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 21616-21622.	3.4	55
206	Expression of CD44 isoforms in neuroblastoma cells is regulated by PI 3-kinase and protein kinase C. <i>Oncogene</i> , 1997, 14, 2817-2824.	5.9	40
207	Protein kinase C- μ associates with the Raf-1 kinase and induces the production of growth factors that stimulate Raf-1 activity. <i>Oncogene</i> , 1997, 15, 2921-2927.	5.9	78
208	Cloning and functional analysis of the hematopoietic cell-specific phospholipase C β 2 promoter. <i>FEBS Letters</i> , 1996, 399, 14-20.	2.8	8
209	Two Closely Related Isoforms of Protein Kinase C Produce Reciprocal Effects on the Growth of Rat Fibroblasts. <i>Journal of Biological Chemistry</i> , 1995, 270, 78-86.	3.4	95
210	Effects of a fcapentaene on protein kinase C. <i>Biochemical and Biophysical Research Communications</i> , 1991, 176, 505-510.	2.1	5
211	Growth factor-induced DNA synthesis in cells that overproduce protein kinase C. <i>Journal of Cellular Physiology</i> , 1990, 145, 262-267.	4.1	24
212	Adaptive optics ophthalmoscopy in retinitis pigmentosa (<sc>RP</sc>): Typical patterns. <i>Acta Ophthalmologica</i> , 0, , .	1.1	2
213	In vitro Model Systems for Studies Into Retinal Neuroprotection. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	4