

Jrn Dengjel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127
papers

9,172
citations

41
h-index

95
g-index

135
ext. papers

10,617
ext. citations

9.9
avg, IF

5.4
L-index

#	Paper	IF	Citations
127	The HSP40 chaperone Ydj1 drives amyloid beta 42 toxicity.. <i>EMBO Molecular Medicine</i> , 2022 , e13952	12	0
126	Hexokinase 3 enhances myeloid cell survival via non-glycolytic functions.. <i>Cell Death and Disease</i> , 2022 , 13, 448	9.8	2
125	Bacterial lectin BambL acts as a B cell superantigen. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 8165-8186	10.5	1
124	The complex interplay between ULK1 and protein phosphatases in autophagy regulation. <i>Autophagy</i> , 2021 , 1-2	10.2	0
123	Post-transcriptional regulation of is a critical node that modulates autophagy during distinct nutrient stresses. <i>Autophagy</i> , 2021 , 1-21	10.2	2
122	Increased abundance of Cbl E3 ligases alters PDGFR signaling in recessive dystrophic epidermolysis bullosa. <i>Matrix Biology</i> , 2021 , 103-104, 58-73	11.4	0
121	Downregulation of autophagy by Met30-mediated Atg9 ubiquitination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
120	Raft-like lipid microdomains drive autophagy initiation via AMBRA1-ERLIN1 molecular association within MAMs. <i>Autophagy</i> , 2021 , 17, 2528-2548	10.2	15
119	Protein complexes and neighborhoods driving autophagy. <i>Autophagy</i> , 2021 , 17, 2689-2705	10.2	7
118	Global kinome profiling reveals DYRK1A as critical activator of the human mitochondrial import machinery. <i>Nature Communications</i> , 2021 , 12, 4284	17.4	3
117	Scaffold-free 3D cell culture of primary skin fibroblasts induces profound changes of the matrisome. <i>Matrix Biology Plus</i> , 2021 , 11, 100066	5.1	6
116	Pro-inflammatory immunity supports fibrosis advancement in epidermolysis bullosa: intervention with Ang-(1-7). <i>EMBO Molecular Medicine</i> , 2021 , 13, e14392	12	3
115	Proteasomal degradation induced by DPP9-mediated processing competes with mitochondrial protein import. <i>EMBO Journal</i> , 2020 , 39, e103889	13	13
114	Phosphoproteomic profiling reveals a defined genetic program for osteoblastic lineage commitment of human bone marrow-derived stromal stem cells. <i>Genome Research</i> , 2020 , 30, 127-137	9.7	4
113	EEF1A1 deacetylation enables transcriptional activation of remyelination. <i>Nature Communications</i> , 2020 , 11, 3420	17.4	16
112	The transcription factor Spt4-Spt5 complex regulates the expression of and. <i>Autophagy</i> , 2020 , 16, 1172-1185	10.5	5
111	Proteomic Profiling of Fibroblasts Isolated from Chronic Wounds Identifies Disease-Relevant Signaling Pathways. <i>Journal of Investigative Dermatology</i> , 2020 , 140, 2280-2290.e4	4.3	7

110	Retromer and TBC1D5 maintain late endosomal RAB7 domains to enable amino acid-induced mTORC1 signaling. <i>Journal of Cell Biology</i> , 2019 , 218, 3019-3038	7.3	22
109	Phosphorylation of mitochondrial matrix proteins regulates their selective mitophagic degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 20517-20527	11.5	10
108	Annexin A7 is required for ESCRT III-mediated plasma membrane repair. <i>Scientific Reports</i> , 2019 , 9, 6726	4.9	39
107	Treatment of keratinocytes with 4-phenylbutyrate in epidermolysis bullosa: Lessons for therapies in keratin disorders. <i>EBioMedicine</i> , 2019 , 44, 502-515	8.8	15
106	4,4'-Dimethoxychalcone: a natural flavonoid that promotes health through autophagy-dependent and -independent effects. <i>Autophagy</i> , 2019 , 15, 1662-1664	10.2	6
105	Cyclin-dependent kinase 5 (CDK5) regulates the circadian clock. <i>ELife</i> , 2019 , 8,	8.9	15
104	The flavonoid 4,4'-dimethoxychalcone promotes autophagy-dependent longevity across species. <i>Nature Communications</i> , 2019 , 10, 651	17.4	62
103	Sorafenib promotes graft-versus-leukemia activity in mice and humans through IL-15 production in FLT3-ITD-mutant leukemia cells. <i>Nature Medicine</i> , 2018 , 24, 282-291	50.5	144
102	Combinatorial Omics Analysis Reveals Perturbed Lysosomal Homeostasis in Collagen VII-deficient Keratinocytes. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 565-579	7.6	18
101	Impaired lymphoid extracellular matrix impedes antibacterial immunity in epidermolysis bullosa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E705-E714	11.5	36
100	Influenza A Virus Induces Autophagosomal Targeting of Ribosomal Proteins. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 1909-1921	7.6	14
99	Three-Dimensional Cell Culture Conditions Affect the Proteome of Cancer-Associated Fibroblasts. <i>Journal of Proteome Research</i> , 2018 , 17, 2780-2789	5.6	12
98	Cilia-localized LKB1 regulates chemokine signaling, macrophage recruitment, and tissue homeostasis in the kidney. <i>EMBO Journal</i> , 2018 , 37,	13	46
97	Control of RAB7 activity and localization through the retromer-TBC1D5 complex enables RAB7-dependent mitophagy. <i>EMBO Journal</i> , 2018 , 37, 235-254	13	93
96	Guidelines and recommendations on yeast cell death nomenclature. <i>Microbial Cell</i> , 2018 , 5, 4-31	3.9	96
95	HUWE1 E3 ligase promotes PINK1/PARKIN-independent mitophagy by regulating AMBRA1 activation via IKK β . <i>Nature Communications</i> , 2018 , 9, 3755	17.4	115
94	Beyond Global Charge: Role of Amine Bulkiness and Protein Fingerprint on Nanoparticle-Cell Interaction. <i>Small</i> , 2018 , 14, e1802088	11	11
93	Discrete cytosolic macromolecular BRAF complexes exhibit distinct activities and composition. <i>EMBO Journal</i> , 2017 , 36, 646-663	13	41

92	Dietary spermidine for lowering high blood pressure. <i>Autophagy</i> , 2017 , 13, 767-769	10.2	44
91	Insights into autosomal dominant polycystic kidney disease by quantitative mass spectrometry-based proteomics. <i>Cell and Tissue Research</i> , 2017 , 369, 41-51	4.2	2
90	Hydrophobic Interaction Chromatography for Bottom-Up Proteomics Analysis of Single Proteins and Protein Complexes. <i>Journal of Proteome Research</i> , 2017 , 16, 2318-2323	5.6	3
89	Study of ULK1 Catalytic Activity and Its Regulation. <i>Methods in Enzymology</i> , 2017 , 587, 391-404	1.7	3
88	The Atypical Kinase RIOK1 Promotes Tumor Growth and Invasive Behavior. <i>EBioMedicine</i> , 2017 , 20, 79-97	8.8	22
87	Degradation of protein translation machinery by amino acid starvation-induced macroautophagy. <i>Autophagy</i> , 2017 , 13, 1064-1075	10.2	20
86	The FERM protein EPB41L5 regulates actomyosin contractility and focal adhesion formation to maintain the kidney filtration barrier. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4621-E4630	11.5	33
85	Cargo-selective SNX-BAR proteins mediate retromer trimer independent retrograde transport. <i>Journal of Cell Biology</i> , 2017 , 216, 3677-3693	7.3	87
84	Methods to Study the BECN1 Interactome in the Course of Autophagic Responses. <i>Methods in Enzymology</i> , 2017 , 587, 429-445	1.7	6
83	Respiratory status determines the effect of emodin on cell viability. <i>Oncotarget</i> , 2017 , 8, 37478-37490	3.3	6
82	Protein glutamylation is a yeast-specific posttranslational modification of elongation factor 1A. <i>Journal of Biological Chemistry</i> , 2017 , 292, 16014-16023	5.4	9
81	Roles of mitophagy in cellular physiology and development. <i>Cell and Tissue Research</i> , 2017 , 367, 95-109	4.2	20
80	Retromer- and WASH-dependent sorting of nutrient transporters requires a multivalent interaction network with ANKRD50. <i>Journal of Cell Science</i> , 2017 , 130, 382-395	5.3	33
79	Cardioprotection and lifespan extension by the natural polyamine spermidine. <i>Nature Medicine</i> , 2016 , 22, 1428-1438	50.5	532
78	Inhibition of Eatenin signaling by phenobarbital in hepatoma cells in vitro. <i>Toxicology</i> , 2016 , 370, 94-105	4.4	5
77	The deubiquitinase Usp27x stabilizes the BH3-only protein Bim and enhances apoptosis. <i>EMBO Reports</i> , 2016 , 17, 724-38	6.5	33
76	Fast and easy phosphopeptide fractionation by combinatorial ERLIC-SCX solid-phase extraction for in-depth phosphoproteome analysis. <i>Nature Protocols</i> , 2016 , 11, 37-45	18.8	21
75	Single Amino Acid Deletion in Kindlin-1 Results in Partial Protein Degradation Which Can Be Rescued by Chaperone Treatment. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 920-929	4.3	12

74	Assembly of methylated KDM1A and CHD1 drives androgen receptor-dependent transcription and translocation. <i>Nature Structural and Molecular Biology</i> , 2016 , 23, 132-9	17.6	47
73	Phospho-proteomic analyses of B-Raf protein complexes reveal new regulatory principles. <i>Oncotarget</i> , 2016 , 7, 26628-52	3.3	19
72	Spermidine Suppresses Age-Associated Memory Impairment by Preventing Adverse Increase of Presynaptic Active Zone Size and Release. <i>PLoS Biology</i> , 2016 , 14, e1002563	9.7	62
71	RACK1 Is an Interaction Partner of ATG5 and a Novel Regulator of Autophagy. <i>Journal of Biological Chemistry</i> , 2016 , 291, 16753-65	5.4	32
70	Mitophagy as a stress response in mammalian cells and in respiring <i>S. cerevisiae</i> . <i>Biochemical Society Transactions</i> , 2016 , 44, 541-5	5.1	7
69	SPATA2 promotes CYLD activity and regulates TNF-induced NF- κ B signaling and cell death. <i>EMBO Reports</i> , 2016 , 17, 1485-1497	6.5	76
68	Cyclin O (Cno) functions during deuterosome-mediated centriole amplification of multiciliated cells. <i>EMBO Journal</i> , 2015 , 34, 1078-89	13	48
67	Expression of a ULK1/2 binding-deficient ATG13 variant can partially restore autophagic activity in ATG13-deficient cells. <i>Autophagy</i> , 2015 , 11, 1471-83	10.2	40
66	Functional Proteomics Identifies Acinus L as a Direct Insulin- and Amino Acid-Dependent Mammalian Target of Rapamycin Complex 1 (mTORC1) Substrate. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 2042-55	7.6	9
65	Anks3 alters the sub-cellular localization of the Nek7 kinase. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 464, 901-7	3.4	13
64	The Ca ²⁺ -Dependent Release of the Mia40-Induced MICU1-MICU2 Dimer from MCU Regulates Mitochondrial Ca ²⁺ Uptake. <i>Cell Metabolism</i> , 2015 , 22, 721-33	24.6	125
63	Kidins220/ARMS binds to the B cell antigen receptor and regulates B cell development and activation. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1693-708	16.6	13
62	AMBRA1 links autophagy to cell proliferation and tumorigenesis by promoting c-Myc dephosphorylation and degradation. <i>Nature Cell Biology</i> , 2015 , 17, 20-30	23.4	135
61	The balance of Id3 and E47 determines neural stem/precursor cell differentiation into astrocytes. <i>EMBO Journal</i> , 2015 , 34, 2804-19	13	38
60	Losartan ameliorates dystrophic epidermolysis bullosa and uncovers new disease mechanisms. <i>EMBO Molecular Medicine</i> , 2015 , 7, 1211-28	12	102
59	Metadherin exon 11 skipping variant enhances metastatic spread of ovarian cancer. <i>International Journal of Cancer</i> , 2015 , 136, 2328-40	7.5	9
58	Anks3 interacts with nephronophthisis proteins and is required for normal renal development. <i>Kidney International</i> , 2015 , 87, 1191-200	9.9	24
57	The pro-apoptotic BH3-only protein Bim interacts with components of the translocase of the outer mitochondrial membrane (TOM). <i>PLoS ONE</i> , 2015 , 10, e0123341	3.7	21

56	Modeling non-hereditary mechanisms of Alzheimer disease during apoptosis in yeast. <i>Microbial Cell</i> , 2015 , 2, 136-138	3.9	6
55	Musical chairs during mitophagy. <i>Autophagy</i> , 2014 , 10, 706-7	10.2	12
54	Characterization of early autophagy signaling by quantitative phosphoproteomics. <i>Autophagy</i> , 2014 , 10, 356-71	10.2	26
53	The quantitative nuclear matrix proteome as a biochemical snapshot of nuclear organization. <i>Journal of Proteome Research</i> , 2014 , 13, 3940-56	5.6	31
52	Phosphorylation site dynamics of early T-cell receptor signaling. <i>PLoS ONE</i> , 2014 , 9, e104240	3.7	46
51	A histone point mutation that switches on autophagy. <i>Autophagy</i> , 2014 , 10, 1143-5	10.2	17
50	Acetyl-coenzyme A: a metabolic master regulator of autophagy and longevity. <i>Autophagy</i> , 2014 , 10, 1335-7	10.2	34
49	Loss of collagen VII is associated with reduced transglutaminase 2 abundance and activity. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 2381-2389	4.3	31
48	AMBRA1 interplay with cullin E3 ubiquitin ligases regulates autophagy dynamics. <i>Developmental Cell</i> , 2014 , 31, 734-46	10.2	103
47	Macroautophagy Proteins Assist Epstein Barr Virus Production and Get Incorporated Into the Virus Particles. <i>EBioMedicine</i> , 2014 , 1, 116-25	8.8	64
46	Altered MCM protein levels and autophagic flux in aged and systemic sclerosis dermal fibroblasts. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 2321-2330	4.3	32
45	Nucleocytosolic depletion of the energy metabolite acetyl-coenzyme a stimulates autophagy and prolongs lifespan. <i>Cell Metabolism</i> , 2014 , 19, 431-44	24.6	189
44	Rapid combinatorial ERLIC-SCX solid-phase extraction for in-depth phosphoproteome analysis. <i>Journal of Proteome Research</i> , 2013 , 12, 5989-95	5.6	26
43	mTOR inhibits autophagy by controlling ULK1 ubiquitylation, self-association and function through AMBRA1 and TRAF6. <i>Nature Cell Biology</i> , 2013 , 15, 406-16	23.4	522
42	Molecular fingerprinting of the podocyte reveals novel gene and protein regulatory networks. <i>Kidney International</i> , 2013 , 83, 1052-64	9.9	109
41	Endonuclease G mediates β synuclein cytotoxicity during Parkinson's disease. <i>EMBO Journal</i> , 2013 , 32, 3041-54	13	63
40	Autophagy proteins stabilize pathogen-containing phagosomes for prolonged MHC II antigen processing. <i>Journal of Cell Biology</i> , 2013 , 203, 757-66	7.3	142
39	Global remodelling of cellular microenvironment due to loss of collagen VII. <i>Molecular Systems Biology</i> , 2013 , 9, 657	12.2	71

38	Consistency of the proteome in primary human keratinocytes with respect to gender, age, and skin localization. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 2509-21	7.6	29
37	Census of cytosolic aminopeptidase activity reveals two novel cytosolic aminopeptidases. <i>Medical Microbiology and Immunology</i> , 2012 , 201, 463-73	4	2
36	The degradative inventory of the cell: proteomic insights. <i>Antioxidants and Redox Signaling</i> , 2012 , 17, 803-12	8.4	12
35	Combinatorial use of electrostatic repulsion-hydrophilic interaction chromatography (ERLIC) and strong cation exchange (SCX) chromatography for in-depth phosphoproteome analysis. <i>Journal of Proteome Research</i> , 2012 , 11, 4269-76	5.6	32
34	Strategy for identifying dendritic cell-processed CD4+ T cell epitopes from the HIV gag p24 protein. <i>PLoS ONE</i> , 2012 , 7, e41897	3.7	7
33	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	46.2	2783
32	Autophagosomal protein dynamics and influenza virus infection. <i>Frontiers in Immunology</i> , 2012 , 3, 43	8.4	27
31	From Bioconjugation to Self-Assembly in Nanobiotechnology: Quantum Dots Trapped and Stabilized by Toroid Protein Yoctowells. <i>Advanced Engineering Materials</i> , 2012 , 14, B344-B350	3.5	9
30	Relevance of the inner mitochondrial membrane enzyme F1F0-ATPase as an autoantigen in autoimmune liver disorders. <i>Liver International</i> , 2012 , 32, 249-57	7.9	5
29	Friend or food: different cues to the autophagosomal proteome. <i>Autophagy</i> , 2012 , 8, 995-6	10.2	3
28	Mass spectrometry analysis and quantitation of peptides presented on the MHC II molecules of mouse spleen dendritic cells. <i>Journal of Proteome Research</i> , 2011 , 10, 5016-30	5.6	49
27	Identification of Eubulin as an autoantigen recognized by sera from patients with neuropsychiatric systemic lupus erythematosus. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 279-85	16.6	15
26	ErbB2-associated changes in the lysosomal proteome. <i>Proteomics</i> , 2011 , 11, 2830-8	4.8	21
25	Protein yoctowell nanoarchitectures: assembly of donut shaped protein containers and nanofibres. <i>Soft Matter</i> , 2011 , 7, 2875	3.6	9
24	Comparison of ERLIC-TiO ₂ , HILIC-TiO ₂ , and SCX-TiO ₂ for global phosphoproteomics approaches. <i>Journal of Proteome Research</i> , 2011 , 10, 3474-83	5.6	75
23	Quantitative proteomics for the analysis of spatio-temporal protein dynamics during autophagy. <i>Autophagy</i> , 2010 , 6, 1009-16	10.2	28
22	Comparative quantitation of proteome alterations induced by aging or immortalization in primary human fibroblasts and keratinocytes for clinical applications. <i>Molecular BioSystems</i> , 2010 , 6, 1579-82		27
21	Detection of novel non-M2-related antimitochondrial antibodies in patients with anti-M2 negative primary biliary cirrhosis. <i>Gut</i> , 2009 , 58, 983-9	19.2	9

20	Autoimmune T cell responses to antigenic peptides presented by bronchoalveolar lavage cell HLA-DR molecules in sarcoidosis. <i>Clinical Immunology</i> , 2009 , 133, 353-63	9	48
19	Matrix protein 2 of influenza A virus blocks autophagosome fusion with lysosomes. <i>Cell Host and Microbe</i> , 2009 , 6, 367-80	23.4	387
18	Receptor tyrosine kinase signaling: a view from quantitative proteomics. <i>Molecular BioSystems</i> , 2009 , 5, 1112-21		54
17	Ordered bulk degradation via autophagy. <i>Autophagy</i> , 2008 , 4, 1057-9	10.2	31
16	Quantitative proteomic assessment of very early cellular signaling events. <i>Nature Biotechnology</i> , 2007 , 25, 566-8	44.5	103
15	Signal transduction by growth factor receptors: signaling in an instant. <i>Cell Cycle</i> , 2007 , 6, 2913-6	4.7	9
14	Identification of HLA-DR-bound peptides presented by human bronchoalveolar lavage cells in sarcoidosis. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3576-82	15.9	80
13	Autophagy in innate and adaptive immunity against intracellular pathogens. <i>Journal of Molecular Medicine</i> , 2006 , 84, 194-202	5.5	99
12	Unexpected abundance of HLA class II presented peptides in primary renal cell carcinomas. <i>Clinical Cancer Research</i> , 2006 , 12, 4163-70	12.9	59
11	Naturally Presented MHC Ligands Carrying Glycans. <i>Transfusion Medicine and Hemotherapy</i> , 2006 , 33, 38-44	4.2	6
10	Arf1p, Chs5p and the ChAPs are required for export of specialized cargo from the Golgi. <i>EMBO Journal</i> , 2006 , 25, 943-54	13	72
9	Staphylococcus aureus deficient in lipidation of prelipoproteins is attenuated in growth and immune activation. <i>Infection and Immunity</i> , 2005 , 73, 2411-23	3.7	171
8	Autophagy promotes MHC class II presentation of peptides from intracellular source proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7922-7	11.5	510
7	Analysis of polymorphic sites in the promoter of the nitric oxide synthase 2 gene. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 335, 1123-31	3.4	11
6	Glycan side chains on naturally presented MHC class II ligands. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 100-4	2.2	33
5	Peptide motif for the rat MHC class II molecule RT1.Da: similarities to the multiple sclerosis-associated HLA-DRB1*1501 molecule. <i>Immunogenetics</i> , 2005 , 57, 69-76	3.2	9
4	Lessons to be learned from primary renal cell carcinomas: novel tumor antigens and HLA ligands for immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2005 , 54, 826-36	7.4	62
3	Quantitative analysis of prion-protein degradation by constitutive and immuno-20S proteasomes indicates differences correlated with disease susceptibility. <i>Journal of Immunology</i> , 2004 , 172, 1083-91	5.3	56

- 2 Differential quantitative analysis of MHC ligands by mass spectrometry using stable isotope labeling. *Nature Biotechnology*, **2004**, 22, 450-4 44.5 77
- 1 Identification of a naturally processed cyclin D1 T-helper epitope by a novel combination of HLA class II targeting and differential mass spectrometry. *European Journal of Immunology*, **2004**, 34, 3644-51^{6.1} 20