

Benedikt M. Kessler

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.

339
papers

21,827
citations

77
h-index

136
g-index

399
ext. papers

25,987
ext. citations

9.5
avg, IF

6.52
L-index

#	Paper	IF	Citations
339	Doxycycline Alters the Porcine Renal Proteome and Degradome during Hypothermic Machine Perfusion. <i>Current Issues in Molecular Biology</i> , 2022 , 44, 559-577	2.9	1
338	Integrative omics reveals subtle molecular perturbations following ischemic conditioning in a porcine kidney transplant model.. <i>Clinical Proteomics</i> , 2022 , 19, 6	5	
337	Targeting the Ubiquitylation and ISGylation Machinery for the Treatment of COVID-19.. <i>Biomolecules</i> , 2022 , 12,	5.9	1
336	Factor inhibiting HIF can catalyse two asparaginyl-hydroxylations in VNVN motifs of ankyrin fold proteins.. <i>Journal of Biological Chemistry</i> , 2022 , 102020	5.4	0
335	Cytoskeletal protein degradation in brain death donor kidneys associates with adverse post-transplant outcomes. <i>American Journal of Transplantation</i> , 2021 ,	8.7	3
334	Defactinib inhibits PYK2 phosphorylation of IRF5 and reduces intestinal inflammation. <i>Nature Communications</i> , 2021 , 12, 6702	17.4	1
333	Advancing mechanistic understanding and biomarker development in amyotrophic lateral sclerosis. <i>Expert Review of Proteomics</i> , 2021 , 1-18	4.2	1
332	Altered ISGylation drives aberrant macrophage-dependent immune responses during SARS-CoV-2 infection. <i>Nature Immunology</i> , 2021 , 22, 1416-1427	19.1	18
331	USP28 deletion and small-molecule inhibition destabilizes c-MYC and elicits regression of squamous cell lung carcinoma. <i>ELife</i> , 2021 , 10,	8.9	5
330	Network Analysis of the CSF Proteome Characterizes Convergent Pathways of Cellular Dysfunction in ALS. <i>Frontiers in Neuroscience</i> , 2021 , 15, 642324	5.1	1
329	p97/VCP inhibition causes excessive MRE11-dependent DNA end resection promoting cell killing after ionizing radiation. <i>Cell Reports</i> , 2021 , 35, 109153	10.6	5
328	Chromatin accessibility governs the differential response of cancer and T cells to arginine starvation. <i>Cell Reports</i> , 2021 , 35, 109101	10.6	4
327	The chaperonin CCT8 controls proteostasis essential for T cell maturation, selection, and function. <i>Communications Biology</i> , 2021 , 4, 681	6.7	0
326	Conformational plasticity of the ULK3 kinase domain. <i>Biochemical Journal</i> , 2021 , 478, 2811-2823	3.8	2
325	Urine recirculation prolongs normothermic kidney perfusion via more optimal metabolic homeostasis-a proteomics study. <i>American Journal of Transplantation</i> , 2021 , 21, 1740-1753	8.7	8
324	Deletion of the deISGylating enzyme USP18 enhances tumour cell antigenicity and radiosensitivity. <i>British Journal of Cancer</i> , 2021 , 124, 817-830	8.7	8
323	Detection and quantification of novel C-terminal TDP-43 fragments in ALS-TDP. <i>Brain Pathology</i> , 2021 , 31, e12923	6	6

322	Dual role of ER stress in response to metabolic co-targeting and radiosensitivity in head and neck cancer cells. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 3021-3044	10.3	3
321	The deubiquitylase USP9X controls ribosomal stalling. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	6
320	The deubiquitinase TRABID stabilizes the K29/K48-specific E3 ubiquitin ligase HECTD1. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100246	5.4	5
319	Sex Peptide controls the assembly of lipid microcarriers in seminal fluid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
318	Inflammasome activation controlled by the interplay between post-translational modifications: emerging drug target opportunities. <i>Cell Communication and Signaling</i> , 2021 , 19, 23	7.5	10
317	ABPP-HT - High-Throughput Activity-Based Profiling of Deubiquitylating Enzyme Inhibitors in a Cellular Context. <i>Frontiers in Chemistry</i> , 2021 , 9, 640105	5	4
316	Proteomic analysis of machine perfusion solution from brain dead donor kidneys reveals that elevated complement, cytoskeleton and lipid metabolism proteins are associated with 1-year outcome. <i>Transplant International</i> , 2021 , 34, 1618-1629	3	3
315	Immunodominance complexity: lessons yet to be learned from dominant T cell responses to SARS-COV-2. <i>Current Opinion in Virology</i> , 2021 , 50, 183-191	7.5	1
314	The Bloom syndrome complex senses RPA-coated single-stranded DNA to restart stalled replication forks. <i>Nature Communications</i> , 2021 , 12, 585	17.4	16
313	Supramolecular attack particles are autonomous killing entities released from cytotoxic T cells. <i>Science</i> , 2020 , 368, 897-901	33.3	40
312	TEX264 coordinates p97- and SPRTN-mediated resolution of topoisomerase 1-DNA adducts. <i>Nature Communications</i> , 2020 , 11, 1274	17.4	29
311	Male reproductive aging arises via multifaceted mating-dependent sperm and seminal proteome declines, but is postponable in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17094-17103	11.5	14
310	Re-Evaluating the Mechanism of Action of α -Unsaturated Carbonyl DUB Inhibitors b-AP15 and VLX1570: A Paradigmatic Example of Unspecific Protein Cross-linking with Michael Acceptor Motif-Containing Drugs. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 3756-3762	8.3	16
309	Characterization of exosomes in peritoneal fluid of endometriosis patients. <i>Fertility and Sterility</i> , 2020 , 113, 364-373.e2	4.8	11
308	Amine oxidase 3 is a novel pro-inflammatory marker of oxidative stress in peritoneal endometriosis lesions. <i>Scientific Reports</i> , 2020 , 10, 1495	4.9	4
307	USP30 sets a trigger threshold for PINK1-PARKIN amplification of mitochondrial ubiquitylation. <i>Life Science Alliance</i> , 2020 , 3,	5.8	31
306	Interaction mapping of endoplasmic reticulum ubiquitin ligases identifies modulators of innate immune signalling. <i>ELife</i> , 2020 , 9,	8.9	26
305	Integrated Plasma and Tissue Proteomics Reveals Attractin Release by Intraluminal Thrombus of Abdominal Aortic Aneurysms and Improves Aneurysm Growth Prediction in Humans. <i>Annals of Surgery</i> , 2020 ,	7.8	5

304	Broad and strong memory CD4 and CD8 T cells induced by SARS-CoV-2 in UK convalescent COVID-19 patients 2020 ,		47
303	First Report on Ex Vivo Delivery of Paracrine Active Human Mesenchymal Stromal Cells to Liver Grafts During Machine Perfusion. <i>Transplantation</i> , 2020 , 104, e5-e7	1.8	10
302	A Functional Genomic Screen Identifies the Deubiquitinase USP11 as a Novel Transcriptional Regulator of ER α in Breast Cancer. <i>Cancer Research</i> , 2020 , 80, 5076-5088	10.1	7
301	An ALS-linked mutation in TDP-43 disrupts normal protein interactions in the motor neuron response to oxidative stress. <i>Neurobiology of Disease</i> , 2020 , 144, 105050	7.5	7
300	Distinct contributions of DNA methylation and histone acetylation to the genomic occupancy of transcription factors. <i>Genome Research</i> , 2020 , 30, 1393-1406	9.7	14
299	Ubiquitomics: An Overview and Future. <i>Biomolecules</i> , 2020 , 10,	5.9	15
298	Cytoskeletal disorganization underlies PABPN1-mediated myogenic disability. <i>Scientific Reports</i> , 2020 , 10, 17621	4.9	1
297	Subclinical effects of remote ischaemic conditioning in human kidney transplants revealed by quantitative proteomics. <i>Clinical Proteomics</i> , 2020 , 17, 39	5	2
296	Broad and strong memory CD4 and CD8 T cells induced by SARS-CoV-2 in UK convalescent individuals following COVID-19. <i>Nature Immunology</i> , 2020 , 21, 1336-1345	19.1	615
295	CSF extracellular vesicle proteomics demonstrates altered protein homeostasis in amyotrophic lateral sclerosis. <i>Clinical Proteomics</i> , 2020 , 17, 31	5	13
294	Value of lipocalin 2 as a potential biomarker for bacterial meningitis. <i>Clinical Microbiology and Infection</i> , 2020 ,	9.5	4
293	A Novel Role for Triglyceride Metabolism in Foxp3 Expression. <i>Frontiers in Immunology</i> , 2019 , 10, 1860	8.4	15
292	Divergent allocation of sperm and the seminal proteome along a competition gradient in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17925-17933	11.5	37
291	Regulation of the endosomal SNX27-retromer by OTULIN. <i>Nature Communications</i> , 2019 , 10, 4320	17.4	24
290	Proteomics analysis of the matrisome from MC38 experimental mouse liver metastases. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, G625-G639	5.1	3
289	Comprehensive Landscape of Active Deubiquitinating Enzymes Profiled by Advanced Chemoproteomics. <i>Frontiers in Chemistry</i> , 2019 , 7, 592	5	23
288	Capturing the dynamics of genome replication on individual ultra-long nanopore sequence reads. <i>Nature Methods</i> , 2019 , 16, 429-436	21.6	43
287	Cathepsin L Regulates Metabolic Networks Controlling Rapid Cell Growth and Proliferation. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, 1330-1344	7.6	4

286	Molecular insights into an ancient form of Paget disease of bone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10463-10472	11.5	15
285	MDC1 Interacts with TOPBP1 to Maintain Chromosomal Stability during Mitosis. <i>Molecular Cell</i> , 2019 , 74, 571-583.e8	17.6	40
284	Adaptation to HIF1 β Deletion in Hypoxic Cancer Cells by Upregulation of GLUT14 and Creatine Metabolism. <i>Molecular Cancer Research</i> , 2019 , 17, 1531-1544	6.6	14
283	Improved profiling of polyamines using two-dimensional gas chromatography mass spectrometry. <i>Talanta</i> , 2019 , 199, 184-188	6.2	1
282	USP32 regulates late endosomal transport and recycling through deubiquitylation of Rab7. <i>Nature Communications</i> , 2019 , 10, 1454	17.4	29
281	Deacetylation Inhibition Reverses PABPN1-Dependent Muscle Wasting. <i>IScience</i> , 2019 , 12, 318-332	6.1	4
280	Ataxin-3 Links NOD2 and TLR2 Mediated Innate Immune Sensing and Metabolism in Myeloid Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 1495	8.4	5
279	Nitric Oxide Modulates Metabolic Remodeling in Inflammatory Macrophages through TCA Cycle Regulation and Itaconate Accumulation. <i>Cell Reports</i> , 2019 , 28, 218-230.e7	10.6	77
278	E2F1 proteolysis via SCF-cyclin F underlies synthetic lethality between cyclin F loss and Chk1 inhibition. <i>EMBO Journal</i> , 2019 , 38, e101443	13	28
277	Composition and structure of synaptic ectosomes exporting antigen receptor linked to functional CD40 ligand from helper T cells. <i>ELife</i> , 2019 , 8,	8.9	29
276	Colonic epithelial cell diversity in health and inflammatory bowel disease. <i>Nature</i> , 2019 , 567, 49-55	50.4	213
275	BMP signaling inhibition in secondary cells remodels the seminal proteome and self and rival ejaculate functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24719-24728	11.5	12
274	Integrated Physiological and Biochemical Assessments for the Prediction of Growth of Abdominal Aortic Aneurysms in Humans. <i>Annals of Surgery</i> , 2019 , 270, e1-e3	7.8	11
273	An Activity-Based Probe Targeting Non-Catalytic, Highly Conserved Amino Acid Residues within Bromodomains. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1007-1012	16.4	11
272	An Activity-Based Probe Targeting Non-Catalytic, Highly Conserved Amino Acid Residues within Bromodomains. <i>Angewandte Chemie</i> , 2019 , 131, 1019-1024	3.6	3
271	Human Platelet Protein Ubiquitylation and Changes following GPVI Activation. <i>Thrombosis and Haemostasis</i> , 2019 , 119, 104-116	7	16
270	Design, Synthesis and Characterization of Covalent KDM5 Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 515-519	16.4	16
269	Subclinical Changes in Deceased Donor Kidney Proteomes Are Associated With 12-month Allograft Function Posttransplantation-A Preliminary Study. <i>Transplantation</i> , 2019 , 103, 323-328	1.8	3

268	Quantitative Proteomics Identification of Seminal Fluid Proteins in Male. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, S46-S58	7.6	38
267	The ER membrane protein complex promotes biogenesis of sterol-related enzymes maintaining cholesterol homeostasis. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	39
266	The N-terminal domain of a tick evasin is critical for chemokine binding and neutralization and confers specific binding activity to other evasins. <i>Journal of Biological Chemistry</i> , 2018 , 293, 6134-6146	5.4	16
265	Mapping protein interactions of sodium channel Na1.7 using epitope-tagged gene-targeted mice. <i>EMBO Journal</i> , 2018 , 37, 427-445	13	35
264	FBXL13 directs the proteolysis of CEP192 to regulate centrosome homeostasis and cell migration. <i>EMBO Reports</i> , 2018 , 19,	6.5	10
263	Cerebrospinal fluid macrophage biomarkers in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2018 , 83, 258-268	9.4	69
262	A robust mass spectrometry method for rapid profiling of erythrocyte ghost membrane proteomes. <i>Clinical Proteomics</i> , 2018 , 15, 14	5	10
261	Itaconate is an anti-inflammatory metabolite that activates Nrf2 via alkylation of KEAP1. <i>Nature</i> , 2018 , 556, 113-117	50.4	609
260	Glutamate receptor α serum antibodies in pediatric opsoclonus myoclonus ataxia syndrome. <i>Neurology</i> , 2018 , 91, e714-e723	6.5	33
259	53BP1 cooperation with the REV7-shieldin complex underpins DNA structure-specific NHEJ. <i>Nature</i> , 2018 , 560, 122-127	50.4	148
258	Discrimination Between Human Leukocyte Antigen Class I-Bound and Co-Purified HIV-Derived Peptides in Immunopeptidomics Workflows. <i>Frontiers in Immunology</i> , 2018 , 9, 912	8.4	22
257	Proteo-metabolomics reveals compensation between ischemic and non-injured contralateral kidneys after reperfusion. <i>Scientific Reports</i> , 2018 , 8, 8539	4.9	24
256	Development and validation of response markers to predict survival and pleurodesis success in patients with malignant pleural effusion (PROMISE): a multicohort analysis. <i>Lancet Oncology</i> , 2018 , 19, 930-939	21.7	59
255	The Jumonji-C oxygenase JMJD7 catalyzes (3S)-lysyl hydroxylation of TRAFAC GTPases. <i>Nature Chemical Biology</i> , 2018 , 14, 688-695	11.7	18
254	FBXL19 recruits CDK-Mediator to CpG islands of developmental genes priming them for activation during lineage commitment. <i>ELife</i> , 2018 , 7,	8.9	19
253	Proteomics Pathways of Sickle Cell Anemia (P2SCA): A Comprehensive Analysis By Liquid Chromatography Mass Spectrometry of Erythrocyte Membrane Proteins Characterized from the Muhimbili Sickle Cell Programme, Tanzania. <i>Blood</i> , 2018 , 132, 3653-3653	2.2	
252	Proteomic profiling of the brain of mice with experimental cerebral malaria. <i>Journal of Proteomics</i> , 2018 , 180, 61-69	3.9	3
251	UFLC-Derived CSF Extracellular Vesicle Origin and Proteome. <i>Proteomics</i> , 2018 , 18, e1800257	4.8	18

250	Colorectal cancer liver metastatic growth depends on PAD4-driven citrullination of the extracellular matrix. <i>Nature Communications</i> , 2018 , 9, 4783	17.4	84
249	Design, Synthesis and Characterization of Covalent KDM5 Inhibitors. <i>Angewandte Chemie</i> , 2018 , 131, 525	3.6	1
248	Identification of UHRF2 as a novel DNA interstrand crosslink sensor protein. <i>PLoS Genetics</i> , 2018 , 14, e1007643	6	14
247	The deubiquitylating enzyme UCHL3 regulates Ku80 retention at sites of DNA damage. <i>Scientific Reports</i> , 2018 , 8, 17891	4.9	19
246	290 CSF chitinases as novel biomarkers for MND. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, A45.1-A45	5.5	
245	ErCP- and Casein Kinase II-Mediated Degradation of Cyclin F Controls Timely Mitotic Progression. <i>Cell Reports</i> , 2018 , 24, 3404-3412	10.6	25
244	Tetrahydrobiopterin modulates ubiquitin conjugation to UBC13/UBE2N and proteasome activity by S-nitrosation. <i>Scientific Reports</i> , 2018 , 8, 14310	4.9	5
243	Proteomic profiling of the plasma of Gambian children with cerebral malaria. <i>Malaria Journal</i> , 2018 , 17, 337	3.6	10
242	A variant NuRD complex containing PWWP2A/B excludes MBD2/3 to regulate transcription at active genes. <i>Nature Communications</i> , 2018 , 9, 3798	17.4	22
241	Immunopeptidomic Profiling of HLA-A2-Positive Triple Negative Breast Cancer Identifies Potential Immunotherapy Target Antigens. <i>Proteomics</i> , 2018 , 18, e1700465	4.8	19
240	Optimizing 2D gas chromatography mass spectrometry for robust tissue, serum and urine metabolite profiling. <i>Talanta</i> , 2017 , 165, 685-691	6.2	41
239	miR-193a-3p interaction with HMGB1 downregulates human endothelial cell proliferation and migration. <i>Scientific Reports</i> , 2017 , 7, 44137	4.9	30
238	Expanding Proteome Coverage with CHarge Ordered Parallel Ion aNalysis (CHOPIN) Combined with Broad Specificity Proteolysis. <i>Journal of Proteome Research</i> , 2017 , 16, 1288-1299	5.6	54
237	Phosphorylation Induces Structural Changes in the Autographa californica Nucleopolyhedrovirus P10 Protein. <i>Journal of Virology</i> , 2017 , 91,	6.6	3
236	Linker Histone H1.2 Directs Genome-wide Chromatin Association of the Retinoblastoma Tumor Suppressor Protein and Facilitates Its Function. <i>Cell Reports</i> , 2017 , 19, 2193-2201	10.6	8
235	Protein arginine methylation: a prominent modification and its demethylation. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 3305-3315	10.3	46
234	E3 Ligase cIAP2 Mediates Downregulation of MRE11 and Radiosensitization in Response to HDAC Inhibition in Bladder Cancer. <i>Cancer Research</i> , 2017 , 77, 3027-3039	10.1	28
233	Development of a T-cell Receptor Mimic Antibody against Wild-Type p53 for Cancer Immunotherapy. <i>Cancer Research</i> , 2017 , 77, 2699-2711	10.1	20

232	A novel role for endothelial tetrahydrobiopterin in mitochondrial redox balance. <i>Free Radical Biology and Medicine</i> , 2017 , 104, 214-225	7.8	34
231	The why and how of amino acid analytics in cancer diagnostics and therapy. <i>Journal of Biotechnology</i> , 2017 , 242, 30-54	3.7	25
230	CBP/p300 Bromodomains Regulate Amyloid-like Protein Aggregation upon Aberrant Lysine Acetylation. <i>Cell Chemical Biology</i> , 2017 , 24, 9-23	8.2	27
229	Discovery of a Highly Selective Cell-Active Inhibitor of the Histone Lysine Demethylases KDM2/7. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15555-15559	16.4	19
228	Discovery of a Selective Allosteric Inhibitor Targeting Macrodomain 2 of Polyadenosine-Diphosphate-Ribose Polymerase 14. <i>ACS Chemical Biology</i> , 2017 , 12, 2866-2874	4.9	25
227	Fumarate Hydratase Deletion in Pancreatic β Cells Leads to Progressive Diabetes. <i>Cell Reports</i> , 2017 , 20, 3135-3148	10.6	34
226	Molecular basis of USP7 inhibition by selective small-molecule inhibitors. <i>Nature</i> , 2017 , 550, 481-486	50.4	211
225	A Linear Diubiquitin-Based Probe for Efficient and Selective Detection of the Deubiquitinating Enzyme OTULIN. <i>Cell Chemical Biology</i> , 2017 , 24, 1299-1313.e7	8.2	22
224	Snapin promotes HIV-1 transmission from dendritic cells by dampening TLR8 signaling. <i>EMBO Journal</i> , 2017 , 36, 2998-3011	13	10
223	Association of Distinct Fine Specificities of Anti-Citrullinated Peptide Antibodies With Elevated Immune Responses to <i>Prevotella intermedia</i> in a Subgroup of Patients With Rheumatoid Arthritis and Periodontitis. <i>Arthritis and Rheumatology</i> , 2017 , 69, 2303-2313	9.5	27
222	A novel workflow combining plaque imaging, plaque and plasma proteomics identifies biomarkers of human coronary atherosclerotic plaque disruption. <i>Clinical Proteomics</i> , 2017 , 14, 22	5	10
221	Biochemical and Mass Spectrometry-Based Approaches to Profile SUMOylation in Human Cells. <i>Methods in Molecular Biology</i> , 2017 , 1491, 131-144	1.4	2
220	The identification of archaeological eggshell using peptide markers. <i>Science and Technology of Archaeological Research</i> , 2017 , 3, 89-99	1.2	16
219	A quantitative label-free analysis of the extracellular proteome of human supraspinatus tendon reveals damage to the pericellular and elastic fibre niches in torn and aged tissue. <i>PLoS ONE</i> , 2017 , 12, e0177656	3.7	19
218	Mechanisms by which <i>Porphyromonas gingivalis</i> evades innate immunity. <i>PLoS ONE</i> , 2017 , 12, e0182164	3.7	15
217	PCGF6-PRC1 suppresses premature differentiation of mouse embryonic stem cells by regulating germ cell-related genes. <i>ELife</i> , 2017 , 6,	8.9	51
216	Salt-Inducible Kinase 2 Couples Ovarian Cancer Cell Metabolism with Survival at the Adipocyte-Rich Metastatic Niche. <i>Cancer Cell</i> , 2016 , 30, 273-289	24.3	92
215	Magnitude and Quality of Cytokine and Chemokine Storm during Acute Infection Distinguish Nonprogressive and Progressive Simian Immunodeficiency Virus Infections of Nonhuman Primates. <i>Journal of Virology</i> , 2016 , 90, 10339-10350	6.6	16

214	SPATA2 Links CYLD to LUBAC, Activates CYLD, and Controls LUBAC Signaling. <i>Molecular Cell</i> , 2016 , 63, 990-1005	17.6	94
213	Palaeoproteomic evidence identifies archaic hominins associated with the Chelpperronian at the Grotte du Renne. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 11162-11167	11.5	172
212	Deubiquitinase Usp8 regulates β -synuclein clearance and modifies its toxicity in Lewy body disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E4688-97	11.5	73
211	TLR Adaptor Protein MYD88 Mediates Sensitivity to HDAC Inhibitors via a Cytokine-Dependent Mechanism. <i>Cancer Research</i> , 2016 , 76, 6975-6987	10.1	17
210	Metalloprotease SPRTN/DVC1 Orchestrates Replication-Coupled DNA-Protein Crosslink Repair. <i>Molecular Cell</i> , 2016 , 64, 704-719	17.6	133
209	Plasma degradome affected by variable storage of human blood. <i>Clinical Proteomics</i> , 2016 , 13, 26	5	20
208	Functional analysis of AEBP2, a PRC2 Polycomb protein, reveals a Trithorax phenotype in embryonic development and in ESCs. <i>Development (Cambridge)</i> , 2016 , 143, 2716-23	6.6	58
207	Using an Integrated -Omics Approach to Identify Key Cellular Processes That Are Disturbed in the Kidney After Brain Death. <i>American Journal of Transplantation</i> , 2016 , 16, 1421-40	8.7	9
206	Identification of an immunodominant peptide from citrullinated tenascin-C as a major target for autoantibodies in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1876-83	2.4	46
205	Structure of the Human Protein Kinase ZAK in Complex with Vemurafenib. <i>ACS Chemical Biology</i> , 2016 , 11, 1595-602	4.9	11
204	Selective Binding of AIRAPL Tandem UIMs to Lys48-Linked Tri-Ubiquitin Chains. <i>Structure</i> , 2016 , 24, 412-32	3.2	11
203	Citrullination-acetylation interplay guides E2F-1 activity during the inflammatory response. <i>Science Advances</i> , 2016 , 2, e1501257	14.3	46
202	DNA-PKcs and PARP1 Bind to Unresected Stalled DNA Replication Forks Where They Recruit XRCC1 to Mediate Repair. <i>Cancer Research</i> , 2016 , 76, 1078-88	10.1	53
201	Protein sequences bound to mineral surfaces persist into deep time. <i>ELife</i> , 2016 , 5,	8.9	118
200	Plasma Biomarker Profile Alterations during Variable Blood Storage. <i>Clinical Chemistry</i> , 2016 , 62, 1272-45.5		2
199	RYBP stimulates PRC1 to shape chromatin-based communication between Polycomb repressive complexes. <i>ELife</i> , 2016 , 5,	8.9	64
198	DUBbing Cancer: Deubiquitylating Enzymes Involved in Epigenetics, DNA Damage and the Cell Cycle As Therapeutic Targets. <i>Frontiers in Genetics</i> , 2016 , 7, 133	4.5	43
197	SCF (Fbxl17) ubiquitylation of Sufu regulates Hedgehog signaling and medulloblastoma development. <i>EMBO Journal</i> , 2016 , 35, 1400-16	13	33

196	Integrative Phosphoproteomics Links IL-23R Signaling with Metabolic Adaptation in Lymphocytes. <i>Scientific Reports</i> , 2016 , 6, 24491	4.9	23
195	Proteomic changes in response to crystal formation in <i>Drosophila</i> Malpighian tubules. <i>Fly</i> , 2016 , 10, 91-100	6	
194	Posttranslational mutagenesis: A chemical strategy for exploring protein side-chain diversity. <i>Science</i> , 2016 , 354,	33.3	182
193	Defining the HLA class I-associated viral antigen repertoire from HIV-1-infected human cells. <i>European Journal of Immunology</i> , 2016 , 46, 60-9	6.1	45
192	OTUB1 de-ubiquitinating enzyme promotes prostate cancer cell invasion in vitro and tumorigenesis in vivo. <i>Molecular Cancer</i> , 2015 , 14, 8	42.1	33
191	Cells deficient in base-excision repair reveal cancer hallmarks originating from adjustments to genetic instability. <i>Nucleic Acids Research</i> , 2015 , 43, 3667-79	20.1	34
190	CDA directs metabolism of epigenetic nucleosides revealing a therapeutic window in cancer. <i>Nature</i> , 2015 , 524, 114-8	50.4	58
189	Regulation of SUMO2 target proteins by the proteasome in human cells exposed to replication stress. <i>Journal of Proteome Research</i> , 2015 , 14, 1687-99	5.6	7
188	Expression of citrulline and homocitrulline residues in the lungs of non-smokers and smokers: implications for autoimmunity in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2015 , 17, 9	5.7	80
187	Early Kinetics of the HLA Class I-Associated Peptidome of MVA.HIVconsv-Infected Cells. <i>Journal of Virology</i> , 2015 , 89, 5760-71	6.6	28
186	Ancient proteins resolve the evolutionary history of Darwin $\text{\textcircled{Q}}$ South American ungulates. <i>Nature</i> , 2015 , 522, 81-4	50.4	210
185	Hypoxic regulation of R1OK3 is a major mechanism for cancer cell invasion and metastasis. <i>Oncogene</i> , 2015 , 34, 4713-22	9.2	32
184	Cofactor Strap regulates oxidative phosphorylation and mitochondrial p53 activity through ATP synthase. <i>Cell Death and Differentiation</i> , 2015 , 22, 156-63	12.7	11
183	Gel-aided sample preparation (GASP)--a simplified method for gel-assisted proteomic sample generation from protein extracts and intact cells. <i>Proteomics</i> , 2015 , 15, 1224-9	4.8	73
182	Identification of distinct circulating exosomes in Parkinson $\text{\textcircled{Q}}$ disease. <i>Annals of Clinical and Translational Neurology</i> , 2015 , 2, 353-61	5.3	93
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11	Complete primary structure of chicken collagen XIV. <i>FEBS Journal</i> , 1993 , 212, 483-90		47
10	Interaction mapping of endoplasmic reticulum ubiquitin ligases identifies modulators of innate immune signalling		1
9	Deep analysis of the USP18-dependent ISGylome and proteome unveils important roles for USP18 in tumour cell antigenicity and radiosensitivity		2
8	A novel USP30 inhibitor recapitulates genetic loss of USP30 and sets the trigger for PINK1-PARKIN amplification of mitochondrial ubiquitylation		3
7	USP28 deletion and small molecule inhibition destabilises c-Myc and elicits regression of squamous cell lung carcinoma		1
6	Capturing the dynamics of genome replication on individual ultra-long nanopore sequence reads		1
5	Lipocalin-2 is a Sensitive and Specific Marker of Bacterial Infection in Children		2
4	Ejaculate deterioration with male age, and its amelioration in <i>Drosophila</i>		2
3	Distinct Contribution of DNA Methylation and Histone Acetylation to the Genomic Occupancy of Transcription Factors		1
2	Transcriptional changes are regulated by metabolic pathway dynamics but decoupled from protein levels		2
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