

Akhilesh Pandey

List of Publications by Year in descending order

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Version: 2024-02-01

430
papers

52,589
citations

2440

100
h-index

1875

215
g-index

449
all docs

449
docs citations

449
times ranked

71418
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Detection of SARS-CoV-2 Nucleocapsid Sequence Variants by Mass Spectrometric Analysis of Tryptic Peptides. <i>Journal of Proteome Research</i> , 2022, 21, 142-150.	1.8	9
2	Preclinical evaluation of LCK as a novel therapeutic target in YAP-activated and FGFR2-altered cholangiocarcinoma.. <i>Journal of Clinical Oncology</i> , 2022, 40, 463-463.	0.8	1
3	Deciphering the Interactions of SARS-CoV-2 Proteins with Human Ion Channels Using Machine-Learning-Based Methods. <i>Pathogens</i> , 2022, 11, 259.	1.2	3
4	TMT-Based Multiplexed Quantitation of <i>N</i> -Glycopeptides Reveals Glycoproteome Remodeling Induced by Oncogenic Mutations. <i>ACS Omega</i> , 2022, 7, 11023-11032.	1.6	7
5	In Silico Analysis of Ion Channels and Their Correlation with Epithelial to Mesenchymal Transition in Breast Cancer. <i>Cancers</i> , 2022, 14, 1444.	1.7	6
6	Metallothionein immunohistochemistry has high sensitivity and specificity for detection of Wilson disease. <i>Modern Pathology</i> , 2022, 35, 946-955.	2.9	4
7	Comparison of anti-peptide and anti-protein antibody-based purification techniques for detection of SARS-CoV-2 by targeted LC-MS/MS. <i>Advances in Sample Preparation</i> , 2022, 2, 100018.	1.1	0
8	¹³ C ¹⁵ N: glucagon-based novel isotope dilution mass spectrometry method for measurement of glucagon metabolism in humans. <i>Clinical Proteomics</i> , 2022, 19, 16.	1.1	1
9	Machine Learning-Based Fragment Selection Improves the Performance of Qualitative PRM Assays. <i>Journal of Proteome Research</i> , 2022, 21, 2045-2054.	1.8	2
10	Neuronal activity induces glucosylceramide that is secreted via exosomes for lysosomal degradation in glia. <i>Science Advances</i> , 2022, 8, .	4.7	21
11	Development of a multiomics model for identification of predictive biomarkers for COVID-19 severity: a retrospective cohort study. <i>The Lancet Digital Health</i> , 2022, 4, e632-e645.	5.9	37
12	Quantitative proteomic analysis of the frontal cortex in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2021, 156, 988-1002.	2.1	32
13	Expanding the clinical and metabolic phenotype of DPM2 deficient congenital disorders of glycosylation. <i>Molecular Genetics and Metabolism</i> , 2021, 132, 27-37.	0.5	10
14	Mutation-Specific and Common Phosphotyrosine Signatures of <i>KRAS</i> G12D and G13D Alleles. <i>Journal of Proteome Research</i> , 2021, 20, 670-683.	1.8	12
15	Persistently Elevated mTOR Complex 1-S6 Kinase 1 Disrupts DARPP-32-Dependent D1 Dopamine Receptor Signaling and Behaviors. <i>Biological Psychiatry</i> , 2021, 89, 1058-1072.	0.7	8
16	Quantitative Proteomics Reveals that the OGT Interactome Is Remodeled in Response to Oxidative Stress. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100069.	2.5	21
17	Proteomics-based approach for differentiation of age-related macular degeneration sub-types. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 647.	0.5	7
18	Extensive heterogeneity of glycopeptides in plasma revealed by deep glycoproteomic analysis using size-exclusion chromatography. <i>Molecular Omics</i> , 2021, 17, 939-947.	1.4	15

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19	Maternal serum lipidomics identifies lysophosphatidic acid as a predictor of small for gestational age neonates. <i>Molecular Omics</i> , 2021, 17, 956-966.	1.4	3
20	Integrated Proteomic and Phosphoproteomics Analysis of DKK3 Signaling Reveals Activated Kinase in the Most Aggressive Gallbladder Cancer. <i>Cells</i> , 2021, 10, 511.	1.8	9
21	Shukla-Vernon Syndrome: A Second Family with a Novel Variant in the BCORL1 Gene. <i>Genes</i> , 2021, 12, 452.	1.0	5
22	Mapping the micro-proteome of the nuclear lamina and lamina-associated domains. <i>Life Science Alliance</i> , 2021, 4, e202000774.	1.3	26
23	The mitochondrial carrier SFXN1 is critical for complex III integrity and cellular metabolism. <i>Cell Reports</i> , 2021, 34, 108869.	2.9	30
24	Developmental partitioning of SYK and ZAP70 prevents autoimmunity and cancer. <i>Molecular Cell</i> , 2021, 81, 2094-2111.e9.	4.5	17
25	Ethylmalonic encephalopathy ETHE1 p. D165H mutation alters the mitochondrial function in human skeletal muscle proteome. <i>Mitochondrion</i> , 2021, 58, 64-71.	1.6	4
26	Mitochondrial localization and moderated activity are key to murine erythroid enucleation. <i>Blood Advances</i> , 2021, 5, 2490-2504.	2.5	16
27	Mass Spectrometric Analysis of Urine from COVID-19 Patients for Detection of SARS-CoV-2 Viral Antigen and to Study Host Response. <i>Journal of Proteome Research</i> , 2021, 20, 3404-3413.	1.8	35
28	Complement and Coagulation Cascades are Potentially Involved in Dopaminergic Neurodegeneration in α -Synuclein-Based Mouse Models of Parkinson's Disease. <i>Journal of Proteome Research</i> , 2021, 20, 3428-3443.	1.8	21
29	Digging deeper into the immunopeptidome: characterization of post-translationally modified peptides presented by MHC I. <i>Journal of Proteins and Proteomics</i> , 2021, 12, 151-160.	1.0	8
30	Tyrosine Phosphoproteomics of Patient-Derived Xenografts Reveals Ephrin Type-B Receptor 4 Tyrosine Kinase as a Therapeutic Target in Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 3404.	1.7	2
31	A mass spectrometry-based targeted assay for detection of SARS-CoV-2 antigen from clinical specimens. <i>EBioMedicine</i> , 2021, 69, 103465.	2.7	44
32	DIA-Based Proteome Profiling of Nasopharyngeal Swabs from COVID-19 Patients. <i>Journal of Proteome Research</i> , 2021, 20, 4165-4175.	1.8	21
33	Analytical Sensitivity and Specificity of Four Point of Care Rapid Antigen Diagnostic Tests for SARS-CoV-2 Using Real-Time Quantitative PCR, Quantitative Droplet Digital PCR, and a Mass Spectrometric Antigen Assay as Comparator Methods. <i>Clinical Chemistry</i> , 2021, 67, 1545-1553.	1.5	22
34	Quantitative Tyrosine Phosphoproteome Profiling of AXL Receptor Tyrosine Kinase Signaling Network. <i>Cancers</i> , 2021, 13, 4234.	1.7	1
35	Proximity-Dependent Biotinylation to Elucidate the Interactome of TNK2 Nonreceptor Tyrosine Kinase. <i>Journal of Proteome Research</i> , 2021, 20, 4566-4577.	1.8	3
36	High-resolution mass spectrometric analysis of cardiolipin profiles in Barth syndrome. <i>Mitochondrion</i> , 2021, 60, 27-32.	1.6	2

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37	A pathway map of signaling events triggered upon SARS-CoV infection. <i>Journal of Cell Communication and Signaling</i> , 2021, 15, 595-600.	1.8	4
38	Acute Kidney Injury in Severe COVID-19 Has Similarities to Sepsis-Associated Kidney Injury. <i>Mayo Clinic Proceedings</i> , 2021, 96, 2561-2575.	1.4	41
39	Proteomic Signature of Host Response to SARS-CoV-2 Infection in the Nasopharynx. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100134.	2.5	25
40	Very long-chain acyl-CoA synthetase 3 mediates onco-sphingolipid metabolism in malignant glioma. <i>Medical Research Archives</i> , 2021, 9, .	0.1	5
41	Cerebrospinal fluid lipidomics for biomarkers of Alzheimer's disease. <i>Molecular Omics</i> , 2021, 17, 454-463.	1.4	21
42	Reinspection of a Clinical Proteomics Tumor Analysis Consortium (CPTAC) Dataset with Cloud Computing Reveals Abundant Post-Translational Modifications and Protein Sequence Variants. <i>Cancers</i> , 2021, 13, 5034.	1.7	9
43	A SISCAPA-based approach for detection of SARS-CoV-2 viral antigens from clinical samples. <i>Clinical Proteomics</i> , 2021, 18, 25.	1.1	10
44	Sorbitol Is a Severity Biomarker for <scp>PMM2â€CDG</scp> with Therapeutic Implications. <i>Annals of Neurology</i> , 2021, 90, 887-900.	2.8	22
45	Automated data-driven mass spectrometry for improved analysis of lipids with dual dissociation techniques. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2021, 22, 43-49.	1.3	5
46	Proteomic Signatures of Diffuse and Intestinal Subtypes of Gastric Cancer. <i>Cancers</i> , 2021, 13, 5930.	1.7	9
47	Exome sequencing reveals a novel splice site variant in HUWE1 gene in patients with suspected Say-Meyer syndrome. <i>European Journal of Medical Genetics</i> , 2020, 63, 103635.	0.7	14
48	Integrative phosphoproteome and interactome analysis of the role of Ubash3b in BCR-ABL signaling. <i>Leukemia</i> , 2020, 34, 301-305.	3.3	10
49	Center of Mass Calculation in Combination with MS/MS Allows Robust Identification of Single Amino Acid Polymorphisms in Clinical Measurements of Insulin-Like Growth Factor-1. <i>Journal of Proteome Research</i> , 2020, 19, 186-193.	1.8	10
50	PASS-DIA: A Data-Independent Acquisition Approach for Discovery Studies. <i>Analytical Chemistry</i> , 2020, 92, 14466-14475.	3.2	19
51	High-quality nuclear genome for <i>Sarcoptes scabiei</i> â€”A critical resource for a neglected parasite. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008720.	1.3	25
52	Proteogenomic Landscape of Breast Cancer Tumorigenesis and Targeted Therapy. <i>Cell</i> , 2020, 183, 1436-1456.e31.	13.5	273
53	Is the Proteome of Bronchoalveolar Lavage Extracellular Vesicles a Marker of Advanced Lung Cancer?. <i>Cancers</i> , 2020, 12, 3450.	1.7	14
54	Integrated genomic analysis reveals mutated ELF3 as a potential gallbladder cancer vaccine candidate. <i>Nature Communications</i> , 2020, 11, 4225.	5.8	47

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55	A Novel LINS1 Truncating Mutation in Autosomal Recessive Nonsyndromic Intellectual Disability. <i>Frontiers in Psychiatry</i> , 2020, 11, 354.	1.3	2
56	A Novel Missense Variant in PHF6 Gene Causing BÄrrjeson-Forssman-Lehman Syndrome. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1403-1409.	1.1	8
57	Multiplexed Phosphoproteomic Study of Brain in Patients with Alzheimer's Disease and Age-Matched Cognitively Healthy Controls. <i>OMICS A Journal of Integrative Biology</i> , 2020, 24, 216-227.	1.0	22
58	Signature Fragment Ions of Biotinylated Peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 394-404.	1.2	8
59	Phosphoproteomic analysis identifies CLK1 as a novel therapeutic target in gastric cancer. <i>Gastric Cancer</i> , 2020, 23, 796-810.	2.7	26
60	Extra-cellular vesicles carry proteome of cancer hallmarks. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 398-436.	3.0	14
61	Surgery, Octreotide, Temozolomide, Bevacizumab, Radiotherapy, and Pegvisomant Treatment of an AIP Mutationâ€Positive Child. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3539-3544.	1.8	41
62	Proteomic Analysis of <i>Plasmodium</i> Merosomes: The Link between Liver and Blood Stages in Malaria. <i>Journal of Proteome Research</i> , 2019, 18, 3404-3418.	1.8	29
63	A Novel Splice Site Mutation in IFNGR2 in Patients With Primary Immunodeficiency Exhibiting Susceptibility to Mycobacterial Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 1964.	2.2	19
64	Multi-omics studies in cellular models of methylmalonic acidemia and propionic acidemia reveal dysregulation of serine metabolism. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 165538.	1.8	17
65	PIM1 kinase promotes gallbladder cancer cell proliferation via inhibition of proline-rich Akt substrate of 40ÅkDa (PRAS40). <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 163-177.	1.8	12
66	Accurate Precursor Mass Assignment Improves Peptide Identification in Data-Independent Acquisition Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 8453-8460.	3.2	7
67	Family-Based Next-Generation Sequencing Study Identifies an <i>IL2RG</i> Variant in an Infant with Primary Immunodeficiency. <i>OMICS A Journal of Integrative Biology</i> , 2019, 23, 285-290.	1.0	2
68	Proteogenomic Analysis of Human Colon Cancer Reveals New Therapeutic Opportunities. <i>Cell</i> , 2019, 177, 1035-1049.e19.	13.5	498
69	Integrated Transcriptomic and Proteomic Analysis of Primary Human Umbilical Vein Endothelial Cells. <i>Proteomics</i> , 2019, 19, e1800315.	1.3	16
70	Integrated Transcriptomic and Proteomic Analysis of Human Eccrine Sweat Glands Identifies Missing and Novel Proteins. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1382-1395.	2.5	25
71	PAX-SIX-EYA-DACH Network modulates GATA-FOG function in fly hematopoiesis and human erythropoiesis. <i>Development (Cambridge)</i> , 2019, 147, .	1.2	5
72	Dickkopf Homolog 3 (DKK3) Acts as a Potential Tumor Suppressor in Gallbladder Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1121.	1.3	18

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73	Mapping Keratoconus Molecular Substrates by Multiplexed High-Resolution Proteomics of Unpooled Corneas. <i>OMICS A Journal of Integrative Biology</i> , 2019, 23, 583-597.	1.0	19
74	Quantitative Proteomic Profiling of Cerebrospinal Fluid to Identify Candidate Biomarkers for Alzheimer's Disease. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1800105.	0.8	82
75	Hotspot SF3B1 mutations induce metabolic reprogramming and vulnerability to serine deprivation. <i>Journal of Clinical Investigation</i> , 2019, 129, 4708-4723.	3.9	41
76	Proteogenomic Analysis to Identify Missing Proteins from Haploid Cell Lines. <i>Proteomics</i> , 2018, 18, e1700386.	1.3	13
77	Analysis of Cellular Tyrosine Phosphorylation via Chemical Rescue of Conditionally Active Abl Kinase. <i>Biochemistry</i> , 2018, 57, 1390-1398.	1.2	4
78	BioSITE: A Method for Direct Detection and Quantitation of Site-Specific Biotinylation. <i>Journal of Proteome Research</i> , 2018, 17, 759-769.	1.8	70
79	GBA1 deficiency negatively affects physiological α -synuclein tetramers and related multimers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 798-803.	3.3	139
80	USP9X controls translation efficiency via deubiquitination of eukaryotic translation initiation factor 4A1. <i>Nucleic Acids Research</i> , 2018, 46, 823-839.	6.5	20
81	A network map of IL-33 signaling pathway. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 615-624.	1.8	90
82	Identification of long-lived synaptic proteins by proteomic analysis of synaptosome protein turnover. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3827-E3836.	3.3	122
83	Discovery of noncanonical translation initiation sites through mass spectrometric analysis of protein N termini. <i>Genome Research</i> , 2018, 28, 25-36.	2.4	75
84	Targeting focal adhesion kinase overcomes erlotinib resistance in smoke induced lung cancer by altering phosphorylation of epidermal growth factor receptor. <i>Oncoscience</i> , 2018, 5, 21-38.	0.9	14
85	Ubiquilin 2 modulates ALS/FTD-linked FUS α RNA complex dynamics and stress granule formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11485-E11494.	3.3	100
86	Proteomic Analysis of the Human Anterior Pituitary Gland. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 759-769.	1.0	23
87	CHES: a new human gene catalog curated from thousands of large-scale RNA sequencing experiments reveals extensive transcriptional noise. <i>Genome Biology</i> , 2018, 19, 208.	3.8	263
88	Testican 1 (SPOCK1) and protein tyrosine phosphatase, receptor type S (PTPRS) show significant increase in saliva of tobacco users with oral cancer. <i>Translational Research in Oral Oncology</i> , 2018, 3, 2057178X1880053.	2.3	1
89	Phosphotyrosine profiling of human cerebrospinal fluid. <i>Clinical Proteomics</i> , 2018, 15, 29.	1.1	18
90	Integrated Stress Response and Decreased ECM in Cultured Stromal Cells From Keratoconus Corneas. <i>OMICS A Journal of Integrative Biology</i> , 2018, 59, 2977.		31

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91	Phosphoproteomics of Retinoblastoma: A Pilot Study Identifies Aberrant Kinases. <i>Molecules</i> , 2018, 23, 1454.	1.7	12
92	Quantitative phosphoproteomic analysis reveals reciprocal activation of receptor tyrosine kinases between cancer epithelial cells and stromal fibroblasts. <i>Clinical Proteomics</i> , 2018, 15, 21.	1.1	15
93	Membrane Proteome of Invasive Retinoblastoma: Differential Proteins and Biomarkers. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700101.	0.8	15
94	A Next-Generation Sequencing-Based Molecular Approach to Characterize a Tick Vector in Lyme Disease. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 565-574.	1.0	2
95	Proteome-wide changes in primary skin keratinocytes exposed to diesel particulate extract—A role for antioxidants in skin health. <i>Journal of Dermatological Science</i> , 2018, 91, 239-249.	1.0	25
96	Identification of spleen tyrosine kinase as a potential therapeutic target for esophageal squamous cell carcinoma using reverse phase protein arrays. <i>Oncotarget</i> , 2018, 9, 18422-18434.	0.8	4
97	Homer1a drives homeostatic scaling-down of excitatory synapses during sleep. <i>Science</i> , 2017, 355, 511-515.	6.0	398
98	H3K4me3 induces allosteric conformational changes in the DNA-binding and catalytic regions of the V(D)J recombinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1904-1909.	3.3	24
99	Understanding Epstein-Barr Virus Life Cycle with Proteomics: A Temporal Analysis of Ubiquitination During Virus Reactivation. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 27-37.	1.0	9
100	Mass Spectrometry Reveals Respiratory Viral Infection Biomarkers. <i>EBioMedicine</i> , 2017, 18, 21-22.	2.7	0
101	Human adenine nucleotide translocases physically and functionally interact with respirasomes. <i>Molecular Biology of the Cell</i> , 2017, 28, 1489-1506.	0.9	37
102	Next-Generation Sequencing Reveals Novel Mutations in X-linked Intellectual Disability. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 295-303.	1.0	34
103	Proteomic composition and immunomodulatory properties of urinary bladder matrix scaffolds in homeostasis and injury. <i>Seminars in Immunology</i> , 2017, 29, 14-23.	2.7	73
104	Quantitative Tyrosine Phosphoproteomics of Epidermal Growth Factor Receptor (EGFR) Tyrosine Kinase Inhibitor-treated Lung Adenocarcinoma Cells Reveals Potential Novel Biomarkers of Therapeutic Response. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 891-910.	2.5	42
105	Moving to Translational Proteomics. <i>Proteomics</i> , 2017, 17, 1770042.	1.3	0
106	Toward the human cellular microRNAome. <i>Genome Research</i> , 2017, 27, 1769-1781.	2.4	142
107	Mosquito-Borne Diseases and Omics: Tissue-Restricted Expression and Alternative Splicing Revealed by Transcriptome Profiling of <i>Anopheles stephensi</i> . <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 488-497.	1.0	23
108	Integrating transcriptomic and proteomic data for accurate assembly and annotation of genomes. <i>Genome Research</i> , 2017, 27, 133-144.	2.4	60

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109	The non-receptor tyrosine kinase TNK2/ACK1 is a novel therapeutic target in triple negative breast cancer. <i>Oncotarget</i> , 2017, 8, 2971-2983.	0.8	42
110	Small molecule inhibitor screening identified HSP90 inhibitor 17-AAG as potential therapeutic agent for gallbladder cancer. <i>Oncotarget</i> , 2017, 8, 26169-26184.	0.8	21
111	Loss of C9orf72 Enhances Autophagic Activity via Deregulated mTOR and TFEB Signaling. <i>PLoS Genetics</i> , 2016, 12, e1006443.	1.5	154
112	Common errors in mass spectrometry-based analysis of post-translational modifications. <i>Proteomics</i> , 2016, 16, 700-714.	1.3	106
113	A sequence upstream of canonical PDZ-binding motif within CFTR COOH-terminus enhances NHERF1 interaction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L1170-L1182.	1.3	13
114	Unbiased identification of substrates of protein tyrosine phosphatase ptp β in <i>C. elegans</i> . <i>Molecular Oncology</i> , 2016, 10, 910-920.	2.1	16
115	PyQuant: A Versatile Framework for Analysis of Quantitative Mass Spectrometry Data. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2829-2838.	2.5	24
116	Identification of GAPDH on the surface of <i>Plasmodium</i> sporozoites as a new candidate for targeting malaria liver invasion. <i>Journal of Experimental Medicine</i> , 2016, 213, 2099-2112.	4.2	45
117	Proteomic profiling of retinoblastoma by high resolution mass spectrometry. <i>Clinical Proteomics</i> , 2016, 13, 29.	1.1	30
118	How Does Chronic Cigarette Smoke Exposure Affect Human Skin? A Global Proteomics Study in Primary Human Keratinocytes. <i>OMICS A Journal of Integrative Biology</i> , 2016, 20, 615-626.	1.0	26
119	A dual specificity kinase, DYRK1A, as a potential therapeutic target for head and neck squamous cell carcinoma. <i>Scientific Reports</i> , 2016, 6, 36132.	1.6	36
120	Synovial fluid proteome in rheumatoid arthritis. <i>Clinical Proteomics</i> , 2016, 13, 12.	1.1	62
121	Integrated Proteogenomic Characterization of Human High-Grade Serous Ovarian Cancer. <i>Cell</i> , 2016, 166, 755-765.	13.5	804
122	Long non-coding RNA expression in primary human monocytes. <i>Genomics</i> , 2016, 108, 37-45.	1.3	20
123	Using Quantitative Seroproteomics to Identify Antibody Biomarkers in Pancreatic Cancer. <i>Cancer Immunology Research</i> , 2016, 4, 225-233.	1.6	21
124	Dysregulation of splicing proteins in head and neck squamous cell carcinoma. <i>Cancer Biology and Therapy</i> , 2016, 17, 219-229.	1.5	25
125	A network map of Interleukin-10 signaling pathway. <i>Journal of Cell Communication and Signaling</i> , 2016, 10, 61-67.	1.8	85
126	Chronic exposure to cigarette smoke leads to activation of p21 (RAC1)-activated kinase 6 (PAK6) in non-small cell lung cancer cells. <i>Oncotarget</i> , 2016, 7, 61229-61245.	0.8	45

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127	Macrophage migration inhibitory factor - a therapeutic target in gallbladder cancer. BMC Cancer, 2015, 15, 843.	1.1	33
128	A multi-omic analysis of human na ⁺ ve CD4+ T cells. BMC Systems Biology, 2015, 9, 75.	3.0	43
129	Phosphoproteomic profiling of tumor tissues identifies HSP27 Ser82 phosphorylation as a robust marker of early ischemia. Scientific Reports, 2015, 5, 13660.	1.6	11
130	miRge - A Multiplexed Method of Processing Small RNA-Seq Data to Determine MicroRNA Entropy. PLoS ONE, 2015, 10, e0143066.	1.1	87
131	Downregulation of S100 Calcium Binding Protein A9 in Esophageal Squamous Cell Carcinoma. Scientific World Journal, The, 2015, 2015, 1-10.	0.8	8
132	Comprehensive Proteomics Analysis of Glycosomes from <i>Leishmania donovani</i> . OMICS A Journal of Integrative Biology, 2015, 19, 157-170.	1.0	27
133	Quantitative phosphoproteomics reveals crosstalk between phosphorylation and <i>O</i> -GlcNAc in the DNA damage response pathway. Proteomics, 2015, 15, 591-607.	1.3	60
134	LC-MS-based serum metabolomic analysis reveals dysregulation of phosphatidylcholines in esophageal squamous cell carcinoma. Journal of Proteomics, 2015, 127, 96-102.	1.2	38
135	Phosphotyrosine profiling identifies ephrin receptor A2 as a potential therapeutic target in esophageal squamous cell carcinoma. Proteomics, 2015, 15, 374-382.	1.3	38
136	Proteomics of Follicular Fluid From Women With Polycystic Ovary Syndrome Suggests Molecular Defects in Follicular Development. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 744-753.	1.8	109
137	A phosphoproteomic screen demonstrates differential dependence on HER3 for MAP kinase pathway activation by distinct <i>PIK3CA</i> mutations. Proteomics, 2015, 15, 318-326.	1.3	13
138	Inhibition of Spleen Tyrosine Kinase Potentiates Paclitaxel-Induced Cytotoxicity in Ovarian Cancer Cells by Stabilizing Microtubules. Cancer Cell, 2015, 28, 82-96.	7.7	125
139	Ablation of Dicer leads to widespread perturbation of signaling pathways. Biochemical and Biophysical Research Communications, 2015, 463, 389-394.	1.0	7
140	A knowledgebase resource for interleukin-17 family mediated signaling. Journal of Cell Communication and Signaling, 2015, 9, 291-296.	1.8	25
141	Proteomics of Human Aqueous Humor. OMICS A Journal of Integrative Biology, 2015, 19, 283-293.	1.0	46
142	Calcium calmodulin dependent kinase kinase 2 - a novel therapeutic target for gastric adenocarcinoma. Cancer Biology and Therapy, 2015, 16, 336-345.	1.5	71
143	Identification of differentially expressed serum proteins in gastric adenocarcinoma. Journal of Proteomics, 2015, 127, 80-88.	1.2	51
144	Identifying novel targets of oncogenic EGF receptor signaling in lung cancer through global phosphoproteomics. Proteomics, 2015, 15, 340-355.	1.3	42

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145	Integrated analysis of CRLF2 signaling in acute lymphoblastic leukemia identifies Polo-like kinase 1 as a potential therapeutic target. <i>Leukemia and Lymphoma</i> , 2015, 56, 1524-1527.	0.6	2
146	Proteomic Signature of Endothelial Dysfunction Identified in the Serum of Acute Ischemic Stroke Patients by the iTRAQ-Based LC-MS Approach. <i>Journal of Proteome Research</i> , 2015, 14, 2466-2479.	1.8	31
147	Chronic exposure to chewing tobacco selects for overexpression of stearyl-CoA desaturase in normal oral keratinocytes. <i>Cancer Biology and Therapy</i> , 2015, 16, 1593-1603.	1.5	31
148	Widespread somatic L1 retrotransposition occurs early during gastrointestinal cancer evolution. <i>Genome Research</i> , 2015, 25, 1536-1545.	2.4	121
149	Tissue matrix arrays for high-throughput screening and systems analysis of cell function. <i>Nature Methods</i> , 2015, 12, 1197-1204.	9.0	140
150	Activating Mutations in <i>PIK3CA</i> Lead to Widespread Modulation of the Tyrosine Phosphoproteome. <i>Journal of Proteome Research</i> , 2015, 14, 3882-3891.	1.8	7
151	Phosphoproteomic Analysis Identifies Focal Adhesion Kinase 2 (FAK2) as a Potential Therapeutic Target for Tamoxifen Resistance in Breast Cancer. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2887-2900.	2.5	26
152	Quantitative phosphoproteomic analysis of IL-33-mediated signaling. <i>Proteomics</i> , 2015, 15, 532-544.	1.3	50
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