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List of PR Articles by Year in descending order

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81

PR articles

4,410

PR citations

105543

32

PR h-index

97341

61

g-index

88

documents

5214

doc citations

108672

34

h-index

10310

citing authors

#	ARTICLE	IF	PR CITATIONS
1	ETD-Based Proteomic Profiling Improves Arginine Methylation Identification and Reveals Novel PRMT5 Substrates. <i>Journal of Proteome Research</i> , 2024, 23, 1014-1027.	3.5	5
2	Extending the Coverage of Lys-C/Trypsin-Based Bottom-up Proteomics by Cysteine S-Aminoethylation. <i>Journal of the American Society for Mass Spectrometry</i> , 2024, 35, 386-396.	2.6	3
3	Homo sapiens reached the higher latitudes of Europe by 45,000 years ago. <i>Nature</i> , 2024, 626, 341-346.	38.7	52
4	Ultra-fast label-free quantification and comprehensive proteome coverage with narrow-window data-independent acquisition. <i>Nature Biotechnology</i> , 2024, 42, 1855-1866.	32.2	257
5	One-Tip enables comprehensive proteome coverage in minimal cells and single zygotes. <i>Nature Communications</i> , 2024, 15, .	13.9	60
6	Systematic Optimization of Automated Phosphopeptide Enrichment for High-Sensitivity Phosphoproteomics. <i>Molecular and Cellular Proteomics</i> , 2024, 23, 100754.	3.0	37
7	Deep-time phylogenetic inference by paleoproteomic analysis of dental enamel. <i>Nature Protocols</i> , 2024, 19, 2085-2116.	14.5	18
8	A comparative study of commercially available, minimally invasive, sampling methods on Early Neolithic humeri analysed via palaeoproteomics. <i>Journal of Archaeological Science</i> , 2024, 167, 106002.	2.5	9
9	Middle and Late Pleistocene Denisovan subsistence at Baishiya Karst Cave. <i>Nature</i> , 2024, 632, 108-113.	38.7	40
10	Palaeoproteomic identification of a whale bone tool from Bronze Age Heiloo, the Netherlands. <i>Peer Community Journal</i> , 2024, 4, .	1.7	1
11	Automated High-Throughput Biological Sex Identification from Archeological Human Dental Enamel Using Targeted Proteomics. <i>Journal of Proteome Research</i> , 2024, 23, 5107-5121.	3.5	9
12	Deep Proteome Analysis of Cerebrospinal Fluid from Pediatric Patients with Central Nervous System Cancer. <i>Journal of Proteome Research</i> , 2024, 23, 5048-5063.	3.5	4
13	Streamlined analysis of drug targets by proteome integral solubility alteration indicates organ-specific engagement. <i>Nature Communications</i> , 2024, 15, .	13.9	17
14	Differential ultracentrifugation enables deep plasma proteomics through enrichment of extracellular vesicles. <i>Proteomics</i> , 2023, 23, .	3.1	35
15	Proteomics to study cancer immunity and improve treatment. <i>Seminars in Immunopathology</i> , 2023, 45, 241-251.	8.3	17
16	Recent advances in kinase signaling network profiling by mass spectrometry. <i>Current Opinion in Chemical Biology</i> , 2023, 73, 102260.	5.9	30
17	Matrix Gla Protein drives stemness and tumor initiation in ovarian cancer. <i>Cell Death and Disease</i> , 2023, 14, .	8.7	12
18	Repurposing the antipsychotic drug amisulpride for targeting synovial fibroblast activation in arthritis. <i>JCI Insight</i> , 2023, 8, .	5.4	10

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19	Hybrid-DIA: intelligent data acquisition integrates targeted and discovery proteomics to analyze phospho-signaling in single spheroids. <i>Nature Communications</i> , 2023, 14, .	13.9	45
20	Optimizing Linear Ion-Trap Data-Independent Acquisition toward Single-Cell Proteomics. <i>Analytical Chemistry</i> , 2023, 95, 9881-9891.	6.5	15
21	Proteomic identification of beer brewing products in the ground layer of Danish Golden Age paintings. <i>Science Advances</i> , 2023, 9, .	11.0	5
22	A seven-transmembrane methyltransferase catalysing N-terminal histidine methylation of lytic polysaccharide monoxygenases. <i>Nature Communications</i> , 2023, 14, .	13.9	5
23	Loss of N-terminal acetyltransferase A activity induces thermally unstable ribosomal proteins and increases their turnover in <i>Saccharomyces cerevisiae</i> . <i>Nature Communications</i> , 2023, 14, .	13.9	18
24	GLP-1R signaling neighborhoods associate with the susceptibility to adverse drug reactions of incretin mimetics. <i>Nature Communications</i> , 2023, 14, .	13.9	41
25	Mapping cardiac remodeling in chronic kidney disease. <i>Science Advances</i> , 2023, 9, .	11.0	12
26	ROS-induced ribosome impairment underlies ZAK β -mediated metabolic decline in obesity and aging. <i>Science</i> , 2023, 382, .	36.4	100
27	A deeper look at carrier proteome effects for single-cell proteomics. <i>Communications Biology</i> , 2022, 5, .	4.4	56
28	Phosphorylation of SHP2 at Tyr62 Enables Acquired Resistance to SHP2 Allosteric Inhibitors in FLT3-ITD β -Driven AML. <i>Cancer Research</i> , 2022, 82, 2141-2155.	0.6	17
29	SPIN enables high throughput species identification of archaeological bone by proteomics. <i>Nature Communications</i> , 2022, 13, .	13.9	68
30	A Middle Pleistocene Denisovan molar from the Annamite Chain of northern Laos. <i>Nature Communications</i> , 2022, 13, .	13.9	68
31	Optimal analytical strategies for sensitive and quantitative phosphoproteomics using TMT β -based multiplexing. <i>Proteomics</i> , 2022, 22, .	3.1	29
32	ZAK β is activated by cellular compression and mediates contraction β -induced β -MAP kinase signaling in skeletal muscle. <i>EMBO Journal</i> , 2022, 41, .	7.4	27
33	Phosphoproteomics of primary AML patient samples reveals rationale for AKT combination therapy and p53 context to overcome selinexor resistance. <i>Cell Reports</i> , 2022, 40, 111177.	6.4	34
34	Combining mass spectrometry and machine learning to discover bioactive peptides. <i>Nature Communications</i> , 2022, 13, .	13.9	45
35	Genomic ancestry, diet and microbiomes of Upper Palaeolithic hunter-gatherers from San Teodoro cave. <i>Communications Biology</i> , 2022, 5, .	4.4	21
36	Characterization of TGF- β signaling in a human organotypic skin model reveals that loss of TGF- β RII induces invasive tissue growth. <i>Science Signaling</i> , 2022, 15, .	5.5	11

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37	The methyltransferase METTL9 mediates pervasive 1-methylhistidine modification in mammalian proteomes. <i>Nature Communications</i> , 2021, 12, .	13.9	96
38	Faecal proteomics as a novel method to study mammalian behaviour and physiology. <i>Molecular Ecology Resources</i> , 2021, 21, 1808-1819.	4.8	11
39	Quantitative proteome comparison of human hearts with those of model organisms. <i>PLoS Biology</i> , 2021, 19, e3001144.	5.0	47
40	Proteomics of resistance to Notch1 inhibition in acute lymphoblastic leukemia reveals targetable kinase signatures. <i>Nature Communications</i> , 2021, 12, .	13.9	36
41	Spatial-proteomics reveals phospho-signaling dynamics at subcellular resolution. <i>Nature Communications</i> , 2021, 12, .	13.9	84
42	ProAlaNaase is an Effective Alternative to Trypsin for Proteomics Applications and Disulfide Bond Mapping. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 2139-2157.	3.0	44
43	Effects of active farnesoid X receptor on GLUTag enteroendocrine L cells. <i>Molecular and Cellular Endocrinology</i> , 2020, 517, 110923.	3.5	5
44	Multi-omic detection of <i>Mycobacterium leprae</i> in archaeological human dental calculus. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190584.	3.8	50
45	The dental proteome of <i>Homo antecessor</i> . <i>Nature</i> , 2020, 580, 235-238.	38.7	150
46	Rapid and site-specific deep phosphoproteome profiling by data-independent acquisition without the need for spectral libraries. <i>Nature Communications</i> , 2020, 11, .	13.9	380
47	A Compact Quadrupole-Orbitrap Mass Spectrometer with FAIMS Interface Improves Proteome Coverage in Short LC Gradients. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 716-729.	3.0	423
48	Quantitative Proteomics of Human Heart Samples Collected In Vivo Reveal the Remodeled Protein Landscape of Dilated Left Atrium Without Atrial Fibrillation. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 1132-1144.	3.0	42
49	Molecular Basis of the Mechanisms Controlling MASTL. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 326-343.	3.0	10
50	FRMD6 has tumor suppressor functions in prostate cancer. <i>Oncogene</i> , 2020, 40, 763-776.	6.7	34
51	Quantitative proteomics and single-nucleus transcriptomics of the sinus node elucidates the foundation of cardiac pacemaking. <i>Nature Communications</i> , 2019, 10, .	13.9	104
52	Proteomic characterization of chromosomal common fragile site (CFS)-associated proteins uncovers ATRX as a regulator of CFS stability. <i>Nucleic Acids Research</i> , 2019, 47, 8332-8332.	15.7	5
53	Palaeoproteomic identification of breast milk protein residues from the archaeological skeletal remains of a neonatal dog. <i>Scientific Reports</i> , 2019, 9, .	3.5	15
54	Palaeoproteomics resolves sloth relationships. <i>Nature Ecology and Evolution</i> , 2019, 3, 1121-1130.	10.3	118

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55	Proteogenomic Characterization of Patient-Derived Xenografts Highlights the Role of REST in Neuroendocrine Differentiation of Castration-Resistant Prostate Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 595-608.	6.9	75
56	Palaeoproteomic Profiling of Conservation Layers on a 14th Century Italian Wall Painting. <i>Angewandte Chemie</i> , 2018, 130, 7491-7496.	1.4	2
57	Palaeoproteomic Profiling of Conservation Layers on a 14th Century Italian Wall Painting. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7369-7374.	14.4	113
58	Truncated SALL1 Impedes Primary Cilia Function in Townes-Brocks Syndrome. <i>American Journal of Human Genetics</i> , 2018, 102, 249-265.	6.5	37
59	Benchmarking common quantification strategies for large-scale phosphoproteomics. <i>Nature Communications</i> , 2018, 9, .	13.9	273
60	Quantitative metaproteomics of medieval dental calculus reveals individual oral health status. <i>Nature Communications</i> , 2018, 9, .	13.9	85
61	Integrated proximal proteomics reveals IRS2 as a determinant of cell survival in ALK-driven neuroblastoma. <i>Science Signaling</i> , 2018, 11, .	5.5	41
62	Ancient proteins from ceramic vessels at Neolithic West reveal the hidden cuisine of early farmers. <i>Nature Communications</i> , 2018, 9, .	13.9	145
63	SPOP promotes transcriptional expression of DNA repair and replication factors to prevent replication stress and genomic instability. <i>Nucleic Acids Research</i> , 2018, 46, 9891-9891.	15.7	5
64	UbiSite approach for comprehensive mapping of lysine and N-terminal ubiquitination sites. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 631-640.	8.7	440
65	Molecular basis of Tausled-Like Kinase 2 activation. <i>Nature Communications</i> , 2018, 9, .	13.9	41
66	A Novel LC System Embeds Analytes in Pre-formed Gradients for Rapid, Ultra-robust Proteomics. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2284-2296.	3.0	421
67	The dual methyltransferase METTL13 targets N terminus and Lys55 of eEF1A and modulates codon-specific translation rates. <i>Nature Communications</i> , 2018, 9, .	13.9	98
68	SPOP promotes transcriptional expression of DNA repair and replication factors to prevent replication stress and genomic instability. <i>Nucleic Acids Research</i> , 2018, 46, 9484-9495.	15.7	44
69	Generic Workflow for Mapping of Complex Disulfide Bonds Using In-Source Reduction and Extracted Ion Chromatograms from Data-Dependent Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 8202-8210.	6.5	22
70	Multilayered proteomics reveals molecular switches dictating ligand-dependent EGFR trafficking. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 608-618.	8.7	108
71	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	2.4	132
72	A Conserved Motif Provides Binding Specificity to the PP2A-B56 Phosphatase. <i>Molecular Cell</i> , 2016, 63, 686-695.	13.4	294

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73	Analytic framework for peptidomics applied to large-scale neuropeptide identification. <i>Nature Communications</i> , 2016, 7, .	13.9	110
74	Ubiquitin-SUMO Circuitry Controls Activated Fanconi Anemia ID Complex Dosage in Response to DNA Damage. <i>Molecular Cell</i> , 2015, 57, 150-164.	13.4	115
75	Ctk1 Function Is Necessary for Full Translation Initiation Activity in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2015, 14, 86-95.	2.5	20
76	qcML: An Exchange Format for Quality Control Metrics from Mass Spectrometry Experiments. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1905-1913.	3.0	45
77	Phosphorylation Variation during the Cell Cycle Scales with Structural Propensities of Proteins. <i>PLoS Computational Biology</i> , 2013, 9, e1002842.	3.1	59
78	Separation of the gluconeogenic and mitochondrial functions of PGC-1 β through S6 kinase. <i>Genes and Development</i> , 2011, 25, 1232-1244.	4.7	98
79	Functional characterization of Rad18 domains for Rad6, ubiquitin, DNA binding and PCNA modification. <i>Nucleic Acids Research</i> , 2007, 35, 5819-5830.	15.7	96
80	Intramolecular hydrogen atom transfer in hydrogen-deficient polypeptide radical cations. <i>Chemical Physics Letters</i> , 2000, 330, 558-562.	2.8	60
81	Metaproteomics of saliva identifies human protein markers specific for individuals with periodontitis and dental caries compared to orally healthy controls. <i>PeerJ</i> , 0, 4, e2433.	0.0	72