Thomas A Neubert

List of Publications by Year
in descending order

161 papers	13,315 citations	26567 56 h-index	25716 108 g-index
168 all docs	168 docs citations	168 times ranked	20630 citing authors

#	Article	IF	Citations
1	Diseaseâ€specific interactome alterations via epichaperomics: the case for Alzheimerâ€™s disease. FEBS Journal, 2022, 289, 2047-2066.	2.2	12
2	Condensed Mitochondria Assemble Into the Acrosomal Matrix During Spermiogenesis. Frontiers in Cell and Developmental Biology, 2022, 10, 867175.	1.8	5
3	Mitovesicles are a novel population of extracellular vesicles of mitochondrial origin altered in Down syndrome. Science Advances, 2021, 7, .	4.7	127
4	Age-dependent shift in the de novo proteome accompanies pathogenesis in an Alzheimerâ€™s disease mouse model. Communications Biology, 2021, 4, 823.	2.0	19
5	Phase 0 Clinical Trial of Everolimus in Patients with Vestibular Schwannoma or Meningioma. Molecular Cancer Therapeutics, 2021, 20, 1584-1591.	1.9	11
6	Cardiolipin remodeling enables protein crowding in the inner mitochondrial membrane. EMBO Journal, 2021, 40, e108428.	3.5	20
7	Pharmacologically controlling protein-protein interactions through epichaperomes for therapeutic vulnerability in cancer. Communications Biology, 2021, 4, 1333.	2.0	11
8	Lipidome-wide 13C flux analysis: a novel tool to estimate the turnover of lipids in organisms and cultures. Journal of Lipid Research, 2020, 61, 95-104.	2.0	18
9	Zinc induced structural changes in the intrinsically disordered BDNF Met prodomain confer synaptic elimination. Metallomics, 2020, 12, 1208-1219.	1.0	6
10	Neuronal Inactivity Co-opts LTP Machinery to Drive Potassium Channel Splicing and Homeostatic Spike Widening. Cell, 2020, 181, 1547-1565.e15.	13.5	44
11	Molecular Stressors Engender Protein Connectivity Dysfunction through Aberrant N-Glycosylation of a Chaperone. Cell Reports, 2020, 31, 107840.	2.9	32
12	The epichaperome is a mediator of toxic hippocampal stress and leads to protein connectivity-based dysfunction. Nature Communications, 2020, 11, 319.	5.8	46
13	Molecular basis for receptor tyrosine kinase A-loop tyrosine transphosphorylation. Nature Chemical Biology, 2020, 16, 267-277.	3.9	31
14	Serine phosphorylation regulates the P-type potassium pump KdpFABC. ELife, 2020, 9, .	2.8	16
15	Haploinsufficiency in the ANKS1B gene encoding AIDA-1 leads to a neurodevelopmental syndrome. Nature Communications, 2019, 10, 3529.	5.8	20
16	Vezatin is required for the maturation of the neuromuscular synapse. Molecular Biology of the Cell, 2019, 30, 2571-2583.	0.9	8
17	Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) for Quantitative Proteomics. Advances in Experimental Medicine and Biology, 2019, 1140, 531-539.	0.8	41
18	Sam68 Enables Metabotropic Glutamate Receptor-Dependent LTD in Distal Dendritic Regions of CA1 Hippocampal Neurons. Cell Reports, 2019, 29, 1789-1799.e6.	2.9	9

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19	MACF1 links Rapsyn to microtubule- and actin-binding proteins to maintain neuromuscular synapses. Journal of Cell Biology, 2019, 218, 1686-1705.	2.3	34
20	Tau antibody chimerization alters its charge and binding, thereby reducing its cellular uptake and efficacy. EBioMedicine, 2019, 42, 157-173.	2.7	38
21	Extramitochondrial cardiolipin suggests a novel function of mitochondria in spermatogenesis. Journal of Cell Biology, 2019, 218, 1491-1502.	2.3	33
22	Combinatory microRNA serum signatures as classifiers of Parkinson's disease. Parkinsonism and Related Disorders, 2019, 64, 202-210.	1.1	27
23	Altered steady state and activity-dependent de novo protein expression in fragile X syndrome. Nature Communications, 2019, 10, 1710.	5.8	27
24	A glucose-sensing neuron pair regulates insulin and glucagon in Drosophila. Nature, 2019, 574, 559-564.	13.7	99
25	Quantitative Comparison of Proteomes Using SILAC. Current Protocols in Protein Science, 2019, 95, e74.	2.8	31
26	Communicating the nutritional value of sugar inDrosophila. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2829-E2838.	3.3	6
27	Metabolomic Analysis of Glioma Cells Using Nanoflow Liquid Chromatographyâ€“Tandem Mass Spectrometry. Methods in Molecular Biology, 2018, 1741, 125-134.	0.4	8
28	Sample Preparation for Relative Quantitation of Proteins Using Tandem Mass Tags (TMT) and Mass Spectrometry (MS). Methods in Molecular Biology, 2018, 1741, 135-149.	0.4	32
29	A Non-canonical BCOR-PRC1.1 Complex Represses Differentiation Programs in Human ESCs. Cell Stem Cell, 2018, 22, 235-251.e9.	5.2	80
30	AÎ² truncated species: Implications for brain clearance mechanisms and amyloid plaque deposition. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 208-225.	1.8	53
31	HSP90-incorporating chaperome networks as biosensor for disease-related pathways in patient-specific midbrain dopamine neurons. Nature Communications, 2018, 9, 4345.	5.8	40
32	Dppa2/4 Facilitate Epigenetic Remodeling during Reprogramming to Pluripotency. Cell Stem Cell, 2018, 23, 396-411.e8.	5.2	61
33	Unveiling Brain AÎ² Heterogeneity Through Targeted Proteomic Analysis. Methods in Molecular Biology, 2018, 1779, 23-43.	0.4	8
34	The vimentin intermediate filament network restrains regulatory T cell suppression of graft-versus-host disease. Journal of Clinical Investigation, 2018, 128, 4604-4621.	3.9	32
35	Deep Coverage of Global Protein Expression and Phosphorylation in Breast Tumor Cell Lines Using TMT 10-plex Isobaric Labeling. Journal of Proteome Research, 2017, 16, 1121-1132.	1.8	51
36	4E-BP is a target of the GCN2â€“ATF4 pathway during Drosophila development and aging. Journal of Cell Biology, 2017, 216, 115-129.	2.3	74

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37	ABRF Proteome Informatics Research Group (iPRG) 2015 Study: Detection of Differentially Abundant Proteins in Label-Free Quantitative LCâ€“MS/MS Experiments. Journal of Proteome Research, 2017, 16, 945-957.	1.8	42
38	Low-Grade Astrocytoma Mutations in IDH1, P53, and ATRX Cooperate to Block Differentiation of Human Neural Stem Cells via Repression of SOX2. Cell Reports, 2017, 21, 1267-1280.	2.9	95
39	A novel requirement for DROSHA in maintenance of mammalian CG methylation. Nucleic Acids Research, 2017, 45, 9398-9412.	6.5	9
40	Uncoupling the Mitogenic and Metabolic Functions of FGF1 by Tuning FGF1-FGF Receptor Dimer Stability. Cell Reports, 2017, 20, 1717-1728.	2.9	71
41	Endothelium-Independent Primitive Myxoid Vascularization Creates Invertebrate-Like Channels to Maintain Blood Supply in Optic Gliomas. American Journal of Pathology, 2017, 187, 1867-1878.	1.9	4
42	Subcellular Parkinsonâ€™s Disease-Specific Alpha-Synuclein Species Show Altered Behavior in Neurodegeneration. Molecular Neurobiology, 2017, 54, 7639-7655.	1.9	9
43	Elucidation of a four-site allosteric network in fibroblast growth factor receptor tyrosine kinases. ELife, 2017, 6, .	2.8	38
44	Extracellular phosphorylation of a receptor tyrosine kinase controls synaptic localization of NMDA receptors and regulates pathological pain. PLoS Biology, 2017, 15, e2002457.	2.6	54
45	Enhanced exosome secretion in Down syndrome brain - a protective mechanism to alleviate neuronal endosomal abnormalities. Acta Neuropathologica Communications, 2017, 5, 65.	2.4	85
46	Sex-Specific Differences in Oxytocin Receptor Expression and Function for Parental Behavior. , 2017, 1, 1-25.	0.8	6
47	In vivo Differential Brain Clearance and Catabolism of Monomeric and Oligomeric Alzheimer's AÎ² protein. Frontiers in Aging Neuroscience, 2016, 8, 223.	1.7	34
48	Loss of protein association causes cardiolipin degradation in Barth syndrome. Nature Chemical Biology, 2016, 12, 641-647.	3.9	99
49	Comparative pathobiology of Î²-amyloid and the unique susceptibility of humans to Alzheimer's disease. Neurobiology of Aging, 2016, 44, 185-196.	1.5	34
50	Two FGF Receptor Kinase Molecules Act in Concert to Recruit and Transphosphorylate Phospholipase CÎ³. Molecular Cell, 2016, 61, 98-110.	4.5	48
51	Sorbs1 and -2 Interact with CrkL and Are Required for Acetylcholine Receptor Cluster Formation. Molecular and Cellular Biology, 2016, 36, 262-270.	1.1	29
52	BONLAC: A combinatorial proteomic technique to measure stimulus-induced translational profiles in brain slices. Neuropharmacology, 2016, 100, 76-89.	2.0	47
53	Cytoplasmic, full length and novel cleaved variant, TBLR1 reduces apoptosis in prostate cancer under androgen deprivation. Oncotarget, 2016, 7, 39556-39571.	0.8	10
54	The ABRF Metabolomics Research Group 2013 Study: Investigation of Spiked Compound Differences in a Human Plasma Matrix. Journal of Biomolecular Techniques, 2015, 26, 83-89.	0.8	9

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55	Phosphorylation Site Profiling of NG108 Cells Using Quadrupole-Orbitrap Mass Spectrometry. Neuromethods, 2015, , 127-141.	0.2	2
56	Edaravone leads to proteome changes indicative of neuronal cell protection in response to oxidative stress. Neurochemistry International, 2015, 90, 134-141.	1.9	38
57	Sequential Amyloid-Î² Degradation by the Matrix Metalloproteases MMP-2 and MMP-9. Journal of Biological Chemistry, 2015, 290, 15078-15091.	1.6	107
58	Large-Scale Interlaboratory Study to Develop, Analytically Validate and Apply Highly Multiplexed, Quantitative Peptide Assays to Measure Cancer-Relevant Proteins in Plasma. Molecular and Cellular Proteomics, 2015, 14, 2357-2374.	2.5	153
59	DFG-out Mode of Inhibition by an Irreversible Type-1 Inhibitor Capable of Overcoming Gate-Keeper Mutations in FGF Receptors. ACS Chemical Biology, 2015, 10, 299-309.	1.6	44
60	Protein Kinase C-Theta Interacts with mTORC2 and Vimentin to Limit Regulatory T-Cell Function. Blood, 2015, 126, 849-849.	0.6	0
61	In-Depth Quantitative Proteomic Analysis of de Novo Protein Synthesis Induced by Brain-Derived Neurotrophic Factor. Journal of Proteome Research, 2014, 13, 5707-5714.	1.8	45
62	Proteome Informatics Research Group (iPRG)_2012: A Study on Detecting Modified Peptides in a Complex Mixture. Molecular and Cellular Proteomics, 2014, 13, 360-371.	2.5	20
63	Antipsychotics Activate mTORC1-Dependent Translation to Enhance Neuronal Morphological Complexity. Science Signaling, 2014, 7, ra4.	1.6	62
64	Î³CaMKII Shuttles Ca2+/CaM to the Nucleus to Trigger CREB Phosphorylation and Gene Expression. Cell, 2014, 159, 281-294.	13.5	221
65	Dephosphorylation of Tyrosine 393 in Argonaute 2 by Protein Tyrosine Phosphatase 1B Regulates Gene Silencing in Oncogenic RAS-Induced Senescence. Molecular Cell, 2014, 55, 782-790.	4.5	65
66	Proteome analysis reveals roles of L-DOPA in response to oxidative stress in neurons. BMC Neuroscience, 2014, 15, 93.	0.8	28
67	Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) for Quantitative Proteomics. Advances in Experimental Medicine and Biology, 2014, 806, 93-106.	0.8	31
68	Stable Isotope Labeling by Amino Acids in Cultured Primary Neurons. Methods in Molecular Biology, 2014, 1188, 57-64.	0.4	8
69	The N550K/H Mutations in FGFR2 Confer Differential Resistance to PD173074, Dovitinib, and Ponatinib ATP-Competitive Inhibitors. Neoplasia, 2013, 15, 975-IN30.	2.3	116
70	Cracking the Molecular Origin of Intrinsic Tyrosine Kinase Activity through Analysis of Pathogenic Gain-of-Function Mutations. Cell Reports, 2013, 4, 376-384.	2.9	44
71	Comparative proteomic analysis of the <scp>ATP</scp>â€sensitive <scp>K</scp>⁺ channel complex in different tissue types. Proteomics, 2013, 13, 368-378.	1.3	16
72	Structural Mimicry of A-Loop Tyrosine Phosphorylation by a Pathogenic FGF Receptor 3 Mutation. Structure, 2013, 21, 1889-1896.	1.6	39

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73	Design, Implementation and Multisite Evaluation of a System Suitability Protocol for the Quantitative Assessment of Instrument Performance in Liquid Chromatography-Multiple Reaction Monitoring-MS (LC-MRM-MS). Molecular and Cellular Proteomics, 2013, 12, 2623-2639.	2.5	100
74	Brain-Derived Neurotrophic Factor Signaling Rewrites the Glucocorticoid Transcriptome via Glucocorticoid Receptor Phosphorylation. Molecular and Cellular Biology, 2013, 33, 3700-3714.	1.1	93
75	Ionotropic Glutamate Receptors IR64a and IR8a Form a Functional Odorant Receptor Complex In Vivo in Drosophila. Journal of Neuroscience, 2013, 33, 10741-10749.	1.7	167
76	Brain-Derived Neurotrophic Factor Signaling Rewrites the Glucocorticoid Transcriptome via Glucocorticoid Receptor Phosphorylation. Molecular and Cellular Biology, 2013, 33, 4138-4138.	1.1	42
77	The molecular basis for selective inhibition of unconventional mRNA splicing by an IRE1-binding small molecule. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E869-78.	3.3	476
78	RNA Binding Proteins Accumulate at the Postsynaptic Density with Synaptic Activity. Journal of Neuroscience, 2012, 32, 599-609.	1.7	54
79	MIRG Survey 2011: Snapshot of Rapidly Evolving Label-Free Technologies Used for Characterizing Molecular Interactions. Journal of Biomolecular Techniques, 2012, 23, 94-100.	0.8	14
80	Comparison of cardiolipins from Drosophila strains with mutations in putative remodeling enzymes. Chemistry and Physics of Lipids, 2012, 165, 512-519.	1.5	23
81	Comparison of Three Quantitative Phosphoproteomic Strategies to Study Receptor Tyrosine Kinase Signaling. Journal of Proteome Research, 2011, 10, 5454-5462.	1.8	26
82	Study of Neurotrophin-3 Signaling in Primary Cultured Neurons using Multiplex Stable Isotope Labeling with Amino Acids in Cell Culture. Journal of Proteome Research, 2011, 10, 2546-2554.	1.8	37
83	The pseudokinase domain of JAK2 is a dual-specificity protein kinase that negatively regulates cytokine signaling. Nature Structural and Molecular Biology, 2011, 18, 971-976.	3.6	237
84	Neuronal Growth Cone Retraction Relies on Proneurotrophin Receptor Signaling Through Rac. Science Signaling, 2011, 4, ra82.	1.6	156
85	Identifying transient proteinâ€“protein interactions in EphB2 signaling by blue native PAGE and mass spectrometry. Proteomics, 2011, 11, 4514-4528.	1.3	85
86	Cardiac ATPâ€sensitive K ⁺ channel associates with the glycolytic enzyme complex. FASEB Journal, 2011, 25, 2456-2467.	0.2	46
87	A Novel Transcription Complex That Selectively Modulates Apoptosis of Breast Cancer Cells through Regulation of FASTKD2. Molecular and Cellular Biology, 2011, 31, 2287-2298.	1.1	53
88	Myristoylation of the dualâ€specificity phosphatase câ€JUN Nâ€terminal kinase (JNK) stimulatory phosphatase 1 is necessary for its activation of JNK signaling and apoptosis. FEBS Journal, 2010, 277, 2463-2473.	2.2	23
89	Super-SILAC for tumors and tissues. Nature Methods, 2010, 7, 361-362.	9.0	27
90	Interlaboratory Study Characterizing a Yeast Performance Standard for Benchmarking LC-MS Platform Performance. Molecular and Cellular Proteomics, 2010, 9, 242-254.	2.5	148

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91	Dok-7 regulates neuromuscular synapse formation by recruiting Crk and Crk-L. Genes and Development, 2010, 24, 2451-2461.	2.7	93
92	Phosphorylation of the PRC2 component Ezh2 is cell cycle-regulated and up-regulates its binding to ncRNA. Genes and Development, 2010, 24, 2615-2620.	2.7	336
93	Canonical and alternate functions of the microRNA biogenesis machinery. Genes and Development, 2010, 24, 1951-1960.	2.7	203
94	Matrix Metalloproteinase 2 (MMP-2) Degrades Soluble Vasculotropic Amyloid-Î² E22Q and L34V Mutants, Delaying Their Toxicity for Human Brain Microvascular Endothelial Cells. Journal of Biological Chemistry, 2010, 285, 27144-27158.	1.6	43
95	Overview of Peptide and Protein Analysis by Mass Spectrometry. Current Protocols in Protein Science, 2010, 62, Unit16.1.	2.8	44
96	The Matrix Peptide Exporter HAF-1 Signals a Mitochondrial UPR by Activating the Transcription Factor ZC376.7 in C. elegans. Molecular Cell, 2010, 37, 529-540.	4.5	432
97	Oxidative Protein Folding by an Endoplasmic Reticulum-Localized Peroxiredoxin. Molecular Cell, 2010, 40, 787-797.	4.5	269
98	Recombinant derivatives of botulinum neurotoxin A engineered for trafficking studies and neuronal delivery. Protein Expression and Purification, 2010, 71, 62-73.	0.6	27
99	Protein Quantitation Using Mass Spectrometry. Methods in Molecular Biology, 2010, 673, 211-222.	0.4	59
100	Repeatability and Reproducibility in Proteomic Identifications by Liquid Chromatographyâ^'Tandem Mass Spectrometry. Journal of Proteome Research, 2010, 9, 761-776.	1.8	505
101	Iowa Variant of Familial Alzheimerâ€™s Disease. American Journal of Pathology, 2010, 176, 1841-1854.	1.9	49
102	Performance Metrics for Liquid Chromatography-Tandem Mass Spectrometry Systems in Proteomics Analyses. Molecular and Cellular Proteomics, 2010, 9, 225-241.	2.5	167
103	Thioredoxin-related Protein 32 Is an Arsenite-regulated Thiol Reductase of the Proteasome 19 S Particle. Journal of Biological Chemistry, 2009, 284, 15233-15245.	1.6	38
104	Characterization of Tafazzin Splice Variants from Humans and Fruit Flies. Journal of Biological Chemistry, 2009, 284, 29230-29239.	1.6	55
105	Homodimerization Controls the Fibroblast Growth Factor 9 Subfamily's Receptor Binding and Heparan Sulfate-Dependent Diffusion in the Extracellular Matrix. Molecular and Cellular Biology, 2009, 29, 4663-4678.	1.1	44
106	Identification and Characterization of a Novel Nuclear Protein Complex Involved in Nuclear Hormone Receptor-mediated Gene Regulation. Journal of Biological Chemistry, 2009, 284, 7542-7552.	1.6	71
107	Crystal Structure of a Fibroblast Growth Factor Homologous Factor (FHF) Defines a Conserved Surface on FHFs for Binding and Modulation of Voltage-gated Sodium Channels. Journal of Biological Chemistry, 2009, 284, 17883-17896.	1.6	121
108	The Target of the NSD Family of Histone Lysine Methyltransferases Depends on the Nature of the Substrate. Journal of Biological Chemistry, 2009, 284, 34283-34295.	1.6	257

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109	Multi-site assessment of the precision and reproducibility of multiple reaction monitoringâ€“based measurements of proteins in plasma. Nature Biotechnology, 2009, 27, 633-641.	9.4	958
110	Characterization of novel oxidation products of cysteine in an active site motif peptide of PTP1B. Journal of the American Society for Mass Spectrometry, 2009, 20, 1540-1548.	1.2	20
111	Use of Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) for Phosphotyrosine Protein Identification and Quantitation. Methods in Molecular Biology, 2009, 527, 79-92.	0.4	35
112	Evaluation of the Variation in Sample Preparation for Comparative Proteomics Using Stable Isotope Labeling by Amino Acids in Cell Culture. Journal of Proteome Research, 2009, 8, 1285-1292.	1.8	50
113	Isoflurane Inhibits Cyclic Adenosine Monophosphate Response Element-Binding Protein Phosphorylation and Calmodulin Translocation to the Nucleus of SH-SY5Y Cells. Anesthesia and Analgesia, 2009, 109, 1127-1134.	1.1	9
114	Human Proteinpedia enables sharing of human protein data. Nature Biotechnology, 2008, 26, 164-167.	9.4	155
115	Structural and biochemical characterization of the KRLB region in insulin receptor substrate-2. Nature Structural and Molecular Biology, 2008, 15, 251-258.	3.6	94
116	Guidelines for reporting the use of mass spectrometry in proteomics. Nature Biotechnology, 2008, 26, 860-861.	9.4	82
117	Screening for EphB Signaling Effectors Using SILAC with a Linear Ion Trap-Orbitrap Mass Spectrometer. Journal of Proteome Research, 2008, 7, 4715-4726.	1.8	26
118	Use of DNA Ladders for Reproducible Protein Fractionation by Sodium Dodecyl Sulfateâ^'Polyacrylamide Gel Electrophoresis (SDSâ^'PAGE) for Quantitative Proteomics. Journal of Proteome Research, 2008, 7, 678-686.	1.8	7
119	Calsyntenins Are Secretory Granule Proteins in Anterior Pituitary Gland and Pancreatic Islet Î± Cells. Journal of Histochemistry and Cytochemistry, 2008, 56, 381-388.	1.3	12
120	Stable Isotopic Labeling by Amino Acids in Cultured Primary Neurons. Molecular and Cellular Proteomics, 2008, 7, 1067-1076.	2.5	120
121	Analysis of Electroblotted Proteins by Mass Spectrometry: Protein Identification after Western Blotting. Molecular and Cellular Proteomics, 2008, 7, 308-314.	2.5	46
122	A crystallographic snapshot of tyrosine trans -phosphorylation in action. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19660-19665.	3.3	61
123	Proteasomal adaptation to environmental stress links resistance to proteotoxicity with longevity in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7094-7099.	3.3	96
124	Phosphorylation of Liver X Receptor Î± Selectively Regulates Target Gene Expression in Macrophages. Molecular and Cellular Biology, 2008, 28, 2626-2636.	1.1	72
125	Chapter 13 Analysis of Protein-Tyrosine Phosphorylation by Mass Spectrometry. Comprehensive Analytical Chemistry, 2008, 52, 297-526.	0.7	1
126	ABRF-PRG05: de novo peptide sequence determination. Journal of Biomolecular Techniques, 2008, 19, 251-7.	0.8	8

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127	Molecular Insights into the Klotho-Dependent, Endocrine Mode of Action of Fibroblast Growth Factor 19 Subfamily Members. Molecular and Cellular Biology, 2007, 27, 3417-3428.	1.1	457
128	Proteomic Analysis of Exfoliation Deposits. , 2007, 48, 1447.		119
129	A Molecular Brake in the Kinase Hinge Region Regulates the Activity of Receptor Tyrosine Kinases. Molecular Cell, 2007, 27, 717-730.	4.5	221
130	Selective Enrichment and Fractionation of Phosphopeptides from Peptide Mixtures by Isoelectric Focusing after Methyl Esterification. Analytical Chemistry, 2007, 79, 2007-2014.	3.2	22
131	Proteomic Analysis of Pancreatic Zymogen Granules:â€‰ Identification of New Granule Proteins. Journal of Proteome Research, 2007, 6, 2978-2992.	1.8	49
132	Sample preparation for serum/plasma profiling and biomarker identification by mass spectrometry. Journal of Chromatography A, 2007, 1153, 259-276.	1.8	170
133	Characterization by tandem mass spectrometry of stable cysteine sulfenic acid in a cysteine switch peptide of matrix metalloproteinases. Journal of the American Society for Mass Spectrometry, 2007, 18, 1544-1551.	1.2	38
134	The minimum information about a proteomics experiment (MIAPE). Nature Biotechnology, 2007, 25, 887-893.	9.4	694
135	ABRF-PRG04: differentiation of protein isoforms. Journal of Biomolecular Techniques, 2007, 18, 124-34.	0.8	12
136	Use of Nitrocellulose Membranes for Protein Characterization by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. Analytical Chemistry, 2006, 78, 5102-5108.	3.2	52
137	Quantitative Phosphotyrosine Proteomics of EphB2 Signaling by Stable Isotope Labeling with Amino Acids in Cell Culture (SILAC). Journal of Proteome Research, 2006, 5, 581-588.	1.8	81
138	Use of detergents to increase selectivity of immunoprecipitation of tyrosine phosphorylated peptides prior to identification by MALDI quadrupole-TOF MS. Proteomics, 2006, 6, 571-578.	1.3	38
139	Automated Comparative Proteomics Based on Multiplex Tandem Mass Spectrometry and Stable Isotope Labeling. Molecular and Cellular Proteomics, 2006, 5, 401-411.	2.5	40
140	Identification of Phosphopeptides by MALDI Q-TOF MS in Positive and Negative Ion Modes after Methyl Esterification. Molecular and Cellular Proteomics, 2005, 4, 809-818.	2.5	48
141	Cleavage of p75 Neurotrophin Receptor by Î±-Secretase and Î³-Secretase Requires Specific Receptor Domains. Journal of Biological Chemistry, 2005, 280, 14563-14571.	1.6	90
142	Familial Danish Dementia. Journal of Biological Chemistry, 2005, 280, 36883-36894.	1.6	59
143	Identification and Verification of Novel Rodent Postsynaptic Density Proteins. Molecular and Cellular Proteomics, 2004, 3, 857-871.	2.5	275
144	The N-terminal SH4 Region of the Src Family Kinase Fyn Is Modified by Methylation and Heterogeneous Fatty Acylation. Journal of Biological Chemistry, 2004, 279, 8133-8139.	1.6	63

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145	Facilitated Forward Chemical Genetics Using a Tagged Triazine Library and Zebrafish Embryo Screening. Journal of the American Chemical Society, 2003, 125, 11804-11805.	6.6	138
146	The CD26-Related Dipeptidyl Aminopeptidase-like Protein DPPX Is a Critical Component of Neuronal A-Type K+ Channels. Neuron, 2003, 37, 449-461.	3.8	324
147	ABRF-PRG03: phosphorylation site determination. Journal of Biomolecular Techniques, 2003, 14, 205-15.	0.8	32
148	Protein-tyrosine Phosphatase-Ï, Is a Novel Member of the Functional Family of Î±-Latrotoxin Receptors. Journal of Biological Chemistry, 2002, 277, 35887-35895.	1.6	43
149	Post-translational Proteolytic Processing of the Calcium-independent Receptor of Î±-Latrotoxin (CIRL), a Natural Chimera of the Cell Adhesion Protein and the G Protein-coupled Receptor. Journal of Biological Chemistry, 2002, 277, 46518-46526.	1.6	129
150	Mass Spectrometric Analysis of GAP-43/Neuromodulin Reveals the Presence of a Variety of Fatty Acylated Species. Journal of Biological Chemistry, 2002, 277, 33032-33040.	1.6	100
151	Rare, Structurally Homologous Self-Peptides Promote Thymocyte Positive Selection. Immunity, 2002, 17, 131-142.	6.6	90
152	Crystal Structure of the MuSK Tyrosine Kinase. Structure, 2002, 10, 1187-1196.	1.6	122
153	Characterization of phosphopeptides from protein digests using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and nanoelectrospray quadrupole time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2001, 15, 1693-1700.	0.7	72
154	Cutting Edge: Positive Selection Induced by a Self-Peptide with TCR Antagonist Activity. Journal of Immunology, 2001, 167, 6092-6095.	0.4	15
155	Definitive Identification of Mammalian 5-Hydroxymethyluracil DNA N-Glycosylase Activity as SMUG1. Journal of Biological Chemistry, 2001, 276, 41991-41997.	1.6	125
156	Systemic Amyloid Deposits in Familial British Dementia. Journal of Biological Chemistry, 2001, 276, 43909-43914.	1.6	73
157	Sequencing of oxidized methionine-containing peptides for protein identification. Rapid Communications in Mass Spectrometry, 2000, 14, 2080-2081.	0.7	17
158	Functional heterogeneity of transducin Î± subunits. FEBS Letters, 1998, 422, 343-345.	1.3	17
159	Monitoring calciumâ€induced conformational changes in recoverin by electrospray mass spectrometry. Protein Science, 1997, 6, 843-850.	3.1	20
160	[36] High-resolution structural determination of protein-linked acyl groups. Methods in Enzymology, 1995, 250, 487-494.	0.4	3
161	Pertussis toxin expression in Drosophila alters the visual response and blocks eating behaviour. Cellular Signalling, 1993, 5, 187-207.	1.7	14