

Angela Bachi

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.

187 papers	12,105 citations	59 h-index	106 g-index
196 ext. papers	13,467 ext. citations	8 avg, IF	5.72 L-index

#	Paper	IF	Citations
187	SMARCA5 interacts with NUP98-NSD1 oncofusion protein and sustains hematopoietic cells transformation.. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022 , 41, 34	12.8	2
186	CTP sensing and Mec1ATR-Rad53CHK1/CHK2 mediate a two-layered response to inhibition of glutamine metabolism.. <i>PLoS Genetics</i> , 2022 , 18, e1010101	6	
185	Inhibiting glycolysis rescues memory impairment in an intellectual disability Gdi1-null mouse. <i>Metabolism: Clinical and Experimental</i> , 2021 , 116, 154463	12.7	8
184	The emerging role of Bsecretases in cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 147	12.8	4
183	Human iPSC-based neurodevelopmental models of globoid cell leukodystrophy uncover patient- and cell type-specific disease phenotypes. <i>Stem Cell Reports</i> , 2021 , 16, 1478-1495	8	4
182	The human nucleoporin Tpr protects cells from RNA-mediated replication stress. <i>Nature Communications</i> , 2021 , 12, 3937	17.4	1
181	Urinary proteomics reveals key markers of salt sensitivity in hypertensive patients during saline infusion. <i>Journal of Nephrology</i> , 2021 , 34, 739-751	4.8	1
180	Missing Value Monitoring to Address Missing Values in Quantitative Proteomics. <i>Methods in Molecular Biology</i> , 2021 , 2228, 401-408	1.4	
179	Endosomal trafficking and DNA damage checkpoint kinases dictate survival to replication stress by regulating amino acid uptake and protein synthesis. <i>Developmental Cell</i> , 2021 , 56, 2607-2622.e6	10.2	1
178	PA28E20S proteasome is a proteolytic complex committed to degrade unfolded proteins.. <i>Cellular and Molecular Life Sciences</i> , 2021 , 79, 1	10.3	0
177	SMfinder: Small Molecules Finder for Metabolomics and Lipidomics Analysis. <i>Analytical Chemistry</i> , 2020 , 92, 8874-8882	7.8	3
176	Vitamin C Restricts the Emergence of Acquired Resistance to EGFR-Targeted Therapies in Colorectal Cancer. <i>Cancers</i> , 2020 , 12,	6.6	21
175	Tumors escape immunosurveillance by overexpressing the proteasome activator PSME3. <i>Oncotmunology</i> , 2020 , 9, 1761205	7.2	6
174	Amyloid aggregates accumulate in melanoma metastasis modulating YAP activity. <i>EMBO Reports</i> , 2020 , 21, e50446	6.5	12
173	ATR expands embryonic stem cell fate potential in response to replication stress. <i>ELife</i> , 2020 , 9,	8.9	15
172	Secret3D Workflow for Secretome Analysis. <i>STAR Protocols</i> , 2020 , 1, 100162	1.4	2
171	ATR is essential for preservation of cell mechanics and nuclear integrity during interstitial migration. <i>Nature Communications</i> , 2020 , 11, 4828	17.4	15

170	Mapping the native interaction surfaces of PREP1 with PBX1 by cross-linking mass-spectrometry and mutagenesis. <i>Scientific Reports</i> , 2020 , 10, 16809	4.9	3
169	IRSp53 controls plasma membrane shape and polarized transport at the nascent lumen in epithelial tubules. <i>Nature Communications</i> , 2020 , 11, 3516	17.4	9
168	Selenoprotein N is an endoplasmic reticulum calcium sensor that links luminal calcium levels to a redox activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 21288-21298	11.5	16
167	Metabolism of Stem and Progenitor Cells: Proper Methods to Answer Specific Questions. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 151	6.1	12
166	Cellular response upon proliferation in the presence of an active mitotic checkpoint. <i>Life Science Alliance</i> , 2019 , 2,	5.8	1
165	Polycystin-1 Regulates Actomyosin Contraction and the Cellular Response to Extracellular Stiffness. <i>Scientific Reports</i> , 2019 , 9, 16640	4.9	11
164	Sp140 is a multi-SUMO-1 target and its PHD finger promotes SUMOylation of the adjacent Bromodomain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 456-465	4	5
163	Clinical Significance of Extracellular Vesicles in Plasma from Glioblastoma Patients. <i>Clinical Cancer Research</i> , 2019 , 25, 266-276	12.9	112
162	A dual role for Integrin $\beta 4$ in modulating hereditary neuropathy with liability to pressure palsies. <i>Journal of Neurochemistry</i> , 2018 , 145, 245-257	6	6
161	Low Molecular Weight Proteins As Candidates for Specific Serological Diagnosis of Dourine. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 40	3.1	7
160	Tumor suppressor PNR1 blocks rRNA maturation by recruiting the decapping complex to the nucleolus. <i>EMBO Journal</i> , 2018 , 37,	13	17
159	Missing Value Monitoring Enhances the Robustness in Proteomics Quantitation. <i>Journal of Proteome Research</i> , 2017 , 16, 1719-1727	5.6	8
158	STAGE-Digging in Proteomics. <i>Methods in Molecular Biology</i> , 2017 , 1654, 255-260	1.4	
157	Ratiometric sensing of BiP-client versus BiP levels by the unfolded protein response determines its signaling amplitude. <i>ELife</i> , 2017 , 6,	8.9	42
156	eEF2K/eEF2 Pathway Controls the Excitation/Inhibition Balance and Susceptibility to Epileptic Seizures. <i>Cerebral Cortex</i> , 2017 , 27, 2226-2248	5.1	41
155	APACHE Is an AP2-Interacting Protein Involved in Synaptic Vesicle Trafficking and Neuronal Development. <i>Cell Reports</i> , 2017 , 21, 3596-3611	10.6	7
154	Minor intron splicing is regulated by FUS and affected by ALS-associated FUS mutants. <i>EMBO Journal</i> , 2016 , 35, 1504-21	13	69
153	Phosphoproteomic analysis of induced resistance reveals activation of signal transduction processes by beneficial and pathogenic interaction in grapevine. <i>Journal of Plant Physiology</i> , 2016 , 195, 59-72	3.6	13

152	The Deubiquitinase USP9X Maintains DNA Replication Fork Stability and DNA Damage Checkpoint Responses by Regulating CLASPIN during S-Phase. <i>Cancer Research</i> , 2016 , 76, 2384-93	10.1	35
151	Identification of Interactions in the NMD Complex Using Proximity-Dependent Biotinylation (BioID). <i>PLoS ONE</i> , 2016 , 11, e0150239	3.7	23
150	Metabolic determinants of the immune modulatory function of neural stem cells. <i>Journal of Neuroinflammation</i> , 2016 , 13, 232	10.1	23
149	STAGE-digging: A novel in-gel digestion processing for proteomics samples. <i>Journal of Proteomics</i> , 2016 , 140, 48-54	3.9	12
148	Centromeric DNA replication reconstitution reveals DNA loops and ATR checkpoint suppression. <i>Nature Cell Biology</i> , 2016 , 18, 684-91	23.4	77
147	DDK dependent regulation of TOP2A at centromeres revealed by a chemical genetics approach. <i>Nucleic Acids Research</i> , 2016 , 44, 8786-8798	20.1	20
146	24-Hydroxycholesterol participates in pancreatic neuroendocrine tumor development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E6219-E6227	11.5	22
145	Tenascin-C Protects Cancer Stem-like Cells from Immune Surveillance by Arresting T-cell Activation. <i>Cancer Research</i> , 2015 , 75, 2095-108	10.1	76
144	Spatial mapping of juxtacrine axo-glial interactions identifies novel molecules in peripheral myelination. <i>Nature Communications</i> , 2015 , 6, 8303	17.4	27
143	SEPN1, an endoplasmic reticulum-localized selenoprotein linked to skeletal muscle pathology, counteracts hyperoxidation by means of redox-regulating SERCA2 pump activity. <i>Human Molecular Genetics</i> , 2015 , 24, 1843-55	5.6	82
142	A plastic SQSTM1/p62-dependent autophagic reserve maintains proteostasis and determines proteasome inhibitor susceptibility in multiple myeloma cells. <i>Autophagy</i> , 2015 , 11, 1161-78	10.2	67
141	Early markers of Fabry disease revealed by proteomics. <i>Molecular BioSystems</i> , 2015 , 11, 1543-51		36
140	The serine protease hepsin mediates urinary secretion and polymerisation of Zona Pellucida domain protein uromodulin. <i>ELife</i> , 2015 , 4, e08887	8.9	67
139	PA28 β reduces size and increases hydrophilicity of 20S immunoproteasome peptide products. <i>Chemistry and Biology</i> , 2014 , 21, 470-480		41
138	Structure of human Sp140 PHD finger: an atypical fold interacting with Pin1. <i>FEBS Journal</i> , 2014 , 281, 216-31	5.7	15
137	Quantitative proteomics reveals novel therapeutic and diagnostic markers in hypertension. <i>BBA Clinical</i> , 2014 , 2, 79-87		20
136	Characterization of phosphorylation- and RNA-dependent UPF1 interactors by quantitative proteomics. <i>Journal of Proteome Research</i> , 2014 , 13, 3038-53	5.6	20
135	Extracellular vesicles from neural stem cells transfer IFN- γ via Ifngr1 to activate Stat1 signaling in target cells. <i>Molecular Cell</i> , 2014 , 56, 193-204	17.6	195

134	Extracellular Vesicles from Neural Stem Cells Transfer IFN- γ via Ifngr1 to Activate Stat1 Signaling in Target Cells. <i>Molecular Cell</i> , 2014 , 56, 609	17.6	2
133	CBP and p300 acetylate PCNA to link its degradation with nucleotide excision repair synthesis. <i>Nucleic Acids Research</i> , 2014 , 42, 8433-48	20.1	60
132	Predictive value of a proteomic signature in patients with non-small-cell lung cancer treated with second-line erlotinib or chemotherapy (PROSE): a biomarker-stratified, randomised phase 3 trial. <i>Lancet Oncology</i> , 2014 , 15, 713-21	21.7	131
131	A primary culture system of mouse thick ascending limb cells with preserved function and uromodulin processing. <i>Pflügers Archiv European Journal of Physiology</i> , 2014 , 466, 343-56	4.6	19
130	Proteins from Tuber magnatum Pico fruiting bodies naturally grown in different areas of Italy. <i>Proteome Science</i> , 2013 , 11, 7	2.6	10
129	Proteomics strategies to identify SUMO targets and acceptor sites: a survey of RNA-binding proteins SUMOylation. <i>NeuroMolecular Medicine</i> , 2013 , 15, 661-76	4.6	14
128	Calcium signaling-related proteins are associated with broncho-pulmonary dysplasia progression. <i>Journal of Proteomics</i> , 2013 , 94, 401-12	3.9	19
127	Genomics and proteomics: how long do we need to reach clinical results?. <i>Blood Purification</i> , 2013 , 36, 7-11	3.1	5
126	Redox proteomics: chemical principles, methodological approaches and biological/biomedical promises. <i>Chemical Reviews</i> , 2013 , 113, 596-698	68.1	179
125	The stem cell secretome and its role in brain repair. <i>Biochimie</i> , 2013 , 95, 2271-85	4.6	248
124	Proteomic analysis of detergent-resistant membrane microdomains in trophozoite blood stage of the human malaria parasite Plasmodium falciparum. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 3948-61	7.6	16
123	The role of bFGF on the ability of MSC to activate endogenous regenerative mechanisms in an ectopic bone formation model. <i>Biomaterials</i> , 2012 , 33, 2086-96	15.6	69
122	Biochemical and functional characterisation of BIX, a specific regulator of axonal and dendritic branching in hippocampal neurons. <i>Biology of the Cell</i> , 2012 , 104, 533-52	3.5	18
121	Urinary secretion and extracellular aggregation of mutant uromodulin isoforms. <i>Kidney International</i> , 2012 , 81, 769-78	9.9	14
120	SAA1 is over-expressed in plasma of non small cell lung cancer patients with poor outcome after treatment with epidermal growth factor receptor tyrosine-kinase inhibitors. <i>Journal of Proteomics</i> , 2012 , 76 Spec No., 91-101	3.9	49
119	Mutually exclusive redox forms of HMGB1 promote cell recruitment or proinflammatory cytokine release. <i>Journal of Experimental Medicine</i> , 2012 , 209, 1519-28	16.6	472
118	Protein profiling reveals energy metabolism and cytoskeletal protein alterations in LMNA mutation carriers. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012 , 1822, 970-9	6.9	11
117	Acclimation increases freezing stress response of Arabidopsis thaliana at proteome level. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012 , 1824, 813-25	4	22

116	Attenuation of miR-126 activity expands HSC in vivo without exhaustion. <i>Cell Stem Cell</i> , 2012 , 11, 799-811	18	164
115	Quantitative analysis of S-nitrosylated proteins. <i>Methods in Molecular Biology</i> , 2012 , 893, 405-16	1.4	6
114	CDKL5 ensures excitatory synapse stability by reinforcing NGL-1-PSD95 interaction in the postsynaptic compartment and is impaired in patient iPSC-derived neurons. <i>Nature Cell Biology</i> , 2012 , 14, 911-23	23.4	181
113	HMGB1 promotes recruitment of inflammatory cells to damaged tissues by forming a complex with CXCL12 and signaling via CXCR4. <i>Journal of Experimental Medicine</i> , 2012 , 209, 551-63	16.6	443
112	AIRE-PHD fingers are structural hubs to maintain the integrity of chromatin-associated interactome. <i>Nucleic Acids Research</i> , 2012 , 40, 11756-68	20.1	30
111	Proteomic analysis of grapevine resistance induced by <i>Trichoderma harzianum</i> T39 reveals specific defence pathways activated against downy mildew. <i>Journal of Experimental Botany</i> , 2012 , 63, 6237-51	7	74
110	Changes in plasma mass-spectral profile in course of treatment of non-small cell lung cancer patients with epidermal growth factor receptor tyrosine kinase inhibitors. <i>Journal of Thoracic Oncology</i> , 2012 , 7, 40-8	8.9	36
109	Mutually exclusive redox forms of HMGB1 promote cell recruitment or proinflammatory cytokine release. <i>Journal of General Physiology</i> , 2012 , 140, i3-i3	3.4	
108	Proteomic identification of differentially expressed proteins in the anoxic rice coleoptile. <i>Journal of Plant Physiology</i> , 2011 , 168, 2234-43	3.6	26
107	Secretion of novel SEL1L endogenous variants is promoted by ER stress/UPR via endosomes and shed vesicles in human cancer cells. <i>PLoS ONE</i> , 2011 , 6, e17206	3.7	13
106	Biochemical and functional characterization of the interaction between liprin- β and GIT1: implications for the regulation of cell motility. <i>PLoS ONE</i> , 2011 , 6, e20757	3.7	9
105	Combining peptide recognition specificity and context information for the prediction of the 14-3-3-mediated interactome in <i>S. cerevisiae</i> and <i>H. sapiens</i> . <i>Proteomics</i> , 2011 , 11, 128-43	4.8	32
104	Popeye strikes again: The deep proteome of spinach leaves. <i>Journal of Proteomics</i> , 2011 , 74, 127-36	3.9	42
103	Catalytic properties of the retinal rod outer segment disk ADP-ribosyl cyclase. <i>Visual Neuroscience</i> , 2011 , 28, 121-8	1.7	4
102	TACE (ADAM17) inhibits Schwann cell myelination. <i>Nature Neuroscience</i> , 2011 , 14, 857-65	25.5	114
101	Nanostructured TiO ₂ /thin films for phosphoproteomics studies with MALDI mass spectrometry. <i>Methods in Molecular Biology</i> , 2011 , 790, 173-81	1.4	1
100	Critical role of flanking residues in NGR-to-isoDGR transition and CD13/integrin receptor switching. <i>Journal of Biological Chemistry</i> , 2010 , 285, 9114-23	5.4	69
99	P0 (protein zero) mutation S34C underlies instability of internodal myelin in S63C mice. <i>Journal of Biological Chemistry</i> , 2010 , 285, 42001-12	5.4	15

98	Comparison of different depletion strategies for improving resolution of the human urine proteome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 531-5	5.9	17
97	Engineering of <i>Lactobacillus jensenii</i> to secrete RANTES and a CCR5 antagonist analogue as live HIV-1 blockers. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 2994-3001	5.9	50
96	Proline isomerase Pin1 represses terminal differentiation and myocyte enhancer factor 2C function in skeletal muscle cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 34518-27	5.4	26
95	Direct and indirect detection methods for the analysis of S-nitrosylated peptides and proteins. <i>Methods in Enzymology</i> , 2010 , 473, 265-80	1.7	16
94	Imaging of living mammalian retina ex vivo by confocal laser scanning microscopy. <i>Analytical Methods</i> , 2010 , 2, 1816	3.2	3
93	In depth exploration of the hemolymph of <i>Limulus polyphemus</i> via combinatorial peptide ligand libraries. <i>Journal of Proteome Research</i> , 2010 , 9, 3260-9	5.6	10
92	HS1 has a central role in the trafficking and homing of leukemic B cells. <i>Blood</i> , 2010 , 116, 3537-46	2.2	66
91	The highly conserved synapsin domain E mediates synapsin dimerization and phospholipid vesicle clustering. <i>Biochemical Journal</i> , 2010 , 426, 55-64	3.8	27
90	Role of vasostatin-1 C-terminal region in fibroblast cell adhesion. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 2107-18	10.3	15
89	The CD4+ T-cell epitope-binding register is a critical parameter when generating functional HLA-DR tetramers with promiscuous peptides. <i>European Journal of Immunology</i> , 2010 , 40, 1603-16	6.1	6
88	In-depth exploration of <i>Hevea brasiliensis</i> latex proteome and "hidden allergens" via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2010 , 73, 1368-80	3.9	64
87	Proteomics of wine additives: mining for the invisible via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2010 , 73, 1732-9	3.9	65
86	NoahQ nectar: the proteome content of a glass of red wine. <i>Journal of Proteomics</i> , 2010 , 73, 2370-7	3.9	59
85	Proteomics reveals novel oxidative and glycolytic mechanisms in type 1 diabetic patientsQskin which are normalized by kidney-pancreas transplantation. <i>PLoS ONE</i> , 2010 , 5, e9923	3.7	49
84	Fabry disease: perspectives of urinary proteomics. <i>Journal of Nephrology</i> , 2010 , 23 Suppl 16, S199-212	4.8	2
83	Proteomics analysis of nucleolar SUMO-1 target proteins upon proteasome inhibition. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 2243-55	7.6	78
82	Dlg1, Sec8, and Mtmr2 regulate membrane homeostasis in Schwann cell myelination. <i>Journal of Neuroscience</i> , 2009 , 29, 8858-70	6.6	88
81	Transcriptomic and proteomic analyses of mouse cerebellum reveals alterations in RasGRF1 expression following in vivo chronic treatment with delta 9-tetrahydrocannabinol. <i>Journal of Molecular Neuroscience</i> , 2009 , 37, 111-22	3.3	25

80	Searching for specific motifs in affinity capture in proteome analysis. <i>Journal of Proteomics</i> , 2009 , 72, 791-802	3.9	1
79	pI-based fractionation of serum proteomes versus anion exchange after enhancement of low-abundance proteins by means of peptide libraries. <i>Journal of Proteomics</i> , 2009 , 72, 1061-70	3.9	19
78	Chicken egg yolk cytoplasmic proteome, mined via combinatorial peptide ligand libraries. <i>Journal of Chromatography A</i> , 2009 , 1216, 1241-52	4.5	100
77	Efficient removal of DNA from proteomic samples prior to two-dimensional map analysis. <i>Journal of Chromatography A</i> , 2009 , 1216, 3606-12	4.5	21
76	Titanium dioxide coated MALDI plate for on target analysis of phosphopeptides. <i>Journal of Proteome Research</i> , 2009 , 8, 1932-42	5.6	67
75	In-depth exploration of cow whey proteome via combinatorial peptide ligand libraries. <i>Journal of Proteome Research</i> , 2009 , 8, 3925-36	5.6	106
74	Mass spectrometric identification of hemoglobin modifications induced by nitrosobenzene. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1601-8	7	20
73	Evidence for aerobic metabolism in retinal rod outer segment disks. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 2555-65	5.6	65
72	Channel-interacting PDZ protein, CIPPQ interacts with proteins involved in cytoskeletal dynamics. <i>Biochemical Journal</i> , 2009 , 419, 289-300	3.8	6
71	Collagenase isoforms for pancreas digestion. <i>Cell Transplantation</i> , 2009 , 18, 203-6	4	15
70	Prion protein paralog doppel protein interacts with alpha-2-macroglobulin: a plausible mechanism for doppel-mediated neurodegeneration. <i>PLoS ONE</i> , 2009 , 4, e5968	3.7	5
69	Protein fingerprints of cultured CA3-CA1 hippocampal neurons: comparative analysis of the distribution of synaptosomal and cytosolic proteins. <i>BMC Neuroscience</i> , 2008 , 9, 36	3.2	17
68	Amino acid supplements improve native antioxidant enzyme expression in the skeletal muscle of diabetic mice. <i>American Journal of Cardiology</i> , 2008 , 101, 57E-62E	3	10
67	Serological immunoreactivity against colon cancer proteome varies upon disease progression. <i>Journal of Proteome Research</i> , 2008 , 7, 504-14	5.6	20
66	RBM5/Luca-15/H37 regulates Fas alternative splice site pairing after exon definition. <i>Molecular Cell</i> , 2008 , 32, 81-95	17.6	131
65	Proteomic analysis of the retinal rod outer segment disks. <i>Journal of Proteome Research</i> , 2008 , 7, 2654-69	6.6	50
64	Urinary uromodulin carries an intact ZP domain generated by a conserved C-terminal proteolytic cleavage. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 370, 410-3	3.4	50
63	Performance of combinatorial peptide libraries in capturing the low-abundance proteome of red blood cells. 2. Behavior of resins containing individual amino acids. <i>Analytical Chemistry</i> , 2008 , 80, 3557-65	7.8	38

62	Performance of combinatorial peptide libraries in capturing the low-abundance proteome of red blood cells. 1. Behavior of mono- to hexapeptides. <i>Analytical Chemistry</i> , 2008 , 80, 3547-56	7.8	50
61	Live imaging of mammalian retina: rod outer segments are stained by conventional mitochondrial dyes. <i>Journal of Biomedical Optics</i> , 2008 , 13, 054017	3.5	29
60	Isoaspartate-glycine-arginine: a new tumor vasculature-targeting motif. <i>Cancer Research</i> , 2008 , 68, 7073-82	18.1	65
59	Plasmodium lipid rafts contain proteins implicated in vesicular trafficking and signalling as well as members of the PIR superfamily, potentially implicated in host immune system interactions. <i>Proteomics</i> , 2008 , 8, 2500-13	4.8	32
58	Proteomic analysis of protein S-nitrosylation. <i>Proteomics</i> , 2008 , 8, 4484-94	4.8	59
57	Quantitative proteomics as a new piece of the systems biology puzzle. <i>Journal of Proteomics</i> , 2008 , 71, 357-67	3.9	66
56	Differentiation-dependent lysine 4 acetylation enhances MEF2C binding to DNA in skeletal muscle cells. <i>Nucleic Acids Research</i> , 2008 , 36, 915-28	20.1	29
55	Synthesis and carbon-11 labeling of (R)- and (S)-thionisoxetine, norepinephrine reuptake inhibitors, potential radioligands for positron emission tomography. <i>Applied Radiation and Isotopes</i> , 2007 , 65, 1232-9	1.7	2
54	HS1 complexes with cytoskeleton adapters in normal and malignant chronic lymphocytic leukemia B cells. <i>Leukemia</i> , 2007 , 21, 2067-70	10.7	19
53	Synapsin phosphorylation by SRC tyrosine kinase enhances SRC activity in synaptic vesicles. <i>Journal of Biological Chemistry</i> , 2007 , 282, 15754-67	5.4	34
52	Proteomic analysis of activity-dependent synaptic plasticity in hippocampal neurons. <i>Journal of Proteome Research</i> , 2007 , 6, 3203-15	5.6	36
51	p160 Myb-binding protein interacts with Prep1 and inhibits its transcriptional activity. <i>Molecular and Cellular Biology</i> , 2007 , 27, 7981-90	4.8	44
50	NPM/ALK binds and phosphorylates the RNA/DNA-binding protein PSF in anaplastic large-cell lymphoma. <i>Blood</i> , 2007 , 110, 2600-9	2.2	30
49	Characterization of collagenase blend enzymes for human islet transplantation. <i>Transplantation</i> , 2007 , 84, 1568-75	1.8	32
48	Purification of the Prep1 interactome identifies novel pathways regulated by Prep1. <i>Proteomics</i> , 2007 , 7, 2617-23	4.8	11
47	A novel approach to identify proteins modified by nitric oxide: the HIS-TAG switch method. <i>Journal of Proteome Research</i> , 2007 , 6, 3224-31	5.6	79
46	Characterization of the endogenous GIT1-betaPIX complex, and identification of its association to membranes. <i>European Journal of Cell Biology</i> , 2006 , 85, 35-46	6.1	15
45	Spontaneous formation of L-isoeaspartate and gain of function in fibronectin. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36466-76	5.4	160

44	Src kinase phosphorylates Caspase-8 on Tyr380: a novel mechanism of apoptosis suppression. <i>EMBO Journal</i> , 2006 , 25, 1895-905	13	160
43	Annexin2 coating the surface of enlargeosomes is needed for their regulated exocytosis. <i>EMBO Journal</i> , 2006 , 25, 5443-56	13	44
42	Differential proteomic analysis of nuclear extracts from thyroid cell lines. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 833, 41-50	3.2	16
41	Identification and kinetic characterization of HtDTC, the mitochondrial dicarboxylate-tricarboxylate carrier of Jerusalem artichoke tubers. <i>Journal of Bioenergetics and Biomembranes</i> , 2006 , 38, 57-65	3.7	11
40	Sen34p depletion blocks tRNA splicing in vivo and delays rRNA processing. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 337, 89-94	3.4	24
39	Evaluation of the molecular mechanisms involved in the gain of function of a Li-Fraumeni TP53 mutation. <i>Human Mutation</i> , 2005 , 26, 94-103	4.7	11
38	Identification of grass pollen allergens by two-dimensional gel electrophoresis and serological screening. <i>Proteomics</i> , 2005 , 5, 729-36	4.8	28
37	Pigment epithelium-derived factor is differentially expressed in peripheral neuropathies. <i>Proteomics</i> , 2005 , 5, 4558-67	4.8	30
36	Crystal structure of mouse CD1d bound to the self ligand phosphatidylcholine: a molecular basis for NKT cell activation. <i>Journal of Immunology</i> , 2005 , 175, 977-84	5.3	109
35	beta-amyloid is different in normal aging and in Alzheimer disease. <i>Journal of Biological Chemistry</i> , 2005 , 280, 34186-92	5.4	148
34	HS1 protein is differentially expressed in chronic lymphocytic leukemia patient subsets with good or poor prognoses. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1644-50	15.9	58
33	Proteome study of human cerebrospinal fluid following traumatic brain injury indicates fibrin(ogen) degradation products as trauma-associated markers. <i>Journal of Neurotrauma</i> , 2004 , 21, 854-63	5.4	80
32	A novel protein, Xenopus p20, influences the stability of MeCP2 through direct interaction. <i>Journal of Biological Chemistry</i> , 2004 , 279, 25623-31	5.4	15
31	Specific recognition of the viral protein UL18 by CD85j/LIR-1/ILT2 on CD8+ T cells mediates the non-MHC-restricted lysis of human cytomegalovirus-infected cells. <i>Journal of Immunology</i> , 2004 , 172, 5629-37	5.3	51
30	Transport of ricin and 2S albumin precursors to the storage vacuoles of <i>Ricinus communis</i> endosperm involves the Golgi and VSR-like receptors. <i>Plant Journal</i> , 2004 , 39, 821-33	6.9	59
29	Analysis of protein phosphorylation by mass spectrometry. <i>European Journal of Mass Spectrometry</i> , 2004 , 10, 383-92	1.1	25
28	Biochemical function of female-lethal (2)D/WilmsTumor suppressor-1-associated proteins in alternative pre-mRNA splicing. <i>Journal of Biological Chemistry</i> , 2003 , 278, 3040-7	5.4	71
27	Identification of immunodominant regions among promiscuous HLA-DR-restricted CD4+ T-cell epitopes on the tumor antigen MAGE-3. <i>Blood</i> , 2003 , 101, 1038-44	2.2	79

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22	Regulated exocytosis: a novel, widely expressed system. <i>Nature Cell Biology</i> , 2002 , 4, 955-62	23.4	153
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20	The final N-terminal trimming of a subaminoterminal proline-containing HLA class I-restricted antigenic peptide in the cytosol is mediated by two peptidases. <i>Journal of Immunology</i> , 2002 , 169, 4161-71	5.3	77
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