

Angela Bachi

List of Publications by Citations

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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	Monocytic cells hyperacetylate chromatin protein HMGB1 to redirect it towards secretion. <i>EMBO Journal</i> , 2003 , 22, 5551-60	13	929
186	Identification by redox proteomics of glutathionylated proteins in oxidatively stressed human T lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 3505-10	11.5	505
185	TAP, the human homolog of Mex67p, mediates CTE-dependent RNA export from the nucleus. <i>Molecular Cell</i> , 1998 , 1, 649-59	17.6	490
184	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
183	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
182	REF, an evolutionary conserved family of hnRNP-like proteins, interacts with TAP/Mex67p and participates in mRNA nuclear export. <i>Rna</i> , 2000 , 6, 638-50	5.8	296
181	A common core RNP structure shared between the small nucleolar box C/D RNPs and the spliceosomal U4 snRNP. <i>Cell</i> , 2000 , 103, 457-66	56.2	289
180	The C-terminal domain of TAP interacts with the nuclear pore complex and promotes export of specific CTE-bearing RNA substrates. <i>Rna</i> , 2000 , 6, 136-58	5.8	268
179	PHAX, a mediator of U snRNA nuclear export whose activity is regulated by phosphorylation. <i>Cell</i> , 2000 , 101, 187-98	56.2	266
178	The stem cell secretome and its role in brain repair. <i>Biochimie</i> , 2013 , 95, 2271-85	4.6	248
177	A doughnut-shaped heteromer of human Sm-like proteins binds to the 3' end of U6 snRNA, thereby facilitating U4/U6 duplex formation in vitro. <i>EMBO Journal</i> , 1999 , 18, 5789-802	13	247
176	Dbp5, a DEAD-box protein required for mRNA export, is recruited to the cytoplasmic fibrils of nuclear pore complex via a conserved interaction with CAN/Nup159p. <i>EMBO Journal</i> , 1999 , 18, 4332-47	13	213
175	Vesicular stomatitis virus matrix protein inhibits host cell gene expression by targeting the nucleoporin Nup98. <i>Molecular Cell</i> , 2000 , 6, 1243-52	17.6	208
174	ERp44, a novel endoplasmic reticulum folding assistant of the thioredoxin family. <i>EMBO Journal</i> , 2002 , 21, 835-44	13	202
173	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
172	Thiol-mediated protein retention in the endoplasmic reticulum: the role of ERp44. <i>EMBO Journal</i> , 2003 , 22, 5015-22	13	192
171	RanGTP-regulated interactions of CRM1 with nucleoporins and a shuttling DEAD-box helicase. <i>Molecular and Cellular Biology</i> , 1999 , 19, 6276-85	4.8	183

170	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
169	Redox proteomics: chemical principles, methodological approaches and biological/biomedical promises. <i>Chemical Reviews</i> , 2013 , 113, 596-698	68.1	179
168	Attenuation of miR-126 activity expands HSC in vivo without exhaustion. <i>Cell Stem Cell</i> , 2012 , 11, 799-811	18	164
167	Spontaneous formation of L-isoaspartate and gain of function in fibronectin. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36466-76	5.4	160
166	Src kinase phosphorylates Caspase-8 on Tyr380: a novel mechanism of apoptosis suppression. <i>EMBO Journal</i> , 2006 , 25, 1895-905	13	160
165	Regulated exocytosis: a novel, widely expressed system. <i>Nature Cell Biology</i> , 2002 , 4, 955-62	23.4	153
164	beta-amyloid is different in normal aging and in Alzheimer disease. <i>Journal of Biological Chemistry</i> , 2005 , 280, 34186-92	5.4	148
163	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
162	RBM5/Luca-15/H37 regulates Fas alternative splice site pairing after exon definition. <i>Molecular Cell</i> , 2008 , 32, 81-95	17.6	131
161	TACE (ADAM17) inhibits Schwann cell myelination. <i>Nature Neuroscience</i> , 2011 , 14, 857-65	25.5	114
160	Clinical Significance of Extracellular Vesicles in Plasma from Glioblastoma Patients. <i>Clinical Cancer Research</i> , 2019 , 25, 266-276	12.9	112
159	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
158	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
157	Measurement of urinary 8-Epi-prostaglandin F2alpha, a novel index of lipid peroxidation in vivo, by immunoaffinity extraction/gas chromatography-mass spectrometry. Basal levels in smokers and nonsmokers. <i>Free Radical Biology and Medicine</i> , 1996 , 20, 619-24	7.8	103
156	Chicken egg yolk cytoplasmic proteome, mined via combinatorial peptide ligand libraries. <i>Journal of Chromatography A</i> , 2009 , 1216, 1241-52	4.5	100
155	Nuclear localization of Galectin-3 in transformed thyroid cells: a role in transcriptional regulation. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 302, 545-53	3.4	89
154	Dlg1, Sec8, and Mtmr2 regulate membrane homeostasis in Schwann cell myelination. <i>Journal of Neuroscience</i> , 2009 , 29, 8858-70	6.6	88
153	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

152	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
151	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
150	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
149	Proteomics analysis of nucleolar SUMO-1 target proteins upon proteasome inhibition. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 2243-55	7.6	78
148	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
147	Centromeric DNA replication reconstitution reveals DNA loops and ATR checkpoint suppression. <i>Nature Cell Biology</i> , 2016 , 18, 684-91	23.4	77
146	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
145	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
144	Purified box C/D snoRNPs are able to reproduce site-specific 2QO-methylation of target RNA in vitro. <i>Molecular and Cellular Biology</i> , 2002 , 22, 6663-8	4.8	73
143	Biochemical function of female-lethal (2)D/Wilms tumor suppressor-1-associated proteins in alternative pre-mRNA splicing. <i>Journal of Biological Chemistry</i> , 2003 , 278, 3040-7	5.4	71
142	Minor intron splicing is regulated by FUS and affected by ALS-associated FUS mutants. <i>EMBO Journal</i> , 2016 , 35, 1504-21	13	69
141	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
140	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
139	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
138	Titanium dioxide coated MALDI plate for on target analysis of phosphopeptides. <i>Journal of Proteome Research</i> , 2009 , 8, 1932-42	5.6	67
137	The serine protease hepsin mediates urinary secretion and polymerisation of Zona Pellucida domain protein uromodulin. <i>ELife</i> , 2015 , 4, e08887	8.9	67
136	HS1 has a central role in the trafficking and homing of leukemic B cells. <i>Blood</i> , 2010 , 116, 3537-46	2.2	66
135	Quantitative proteomics as a new piece of the systems biology puzzle. <i>Journal of Proteomics</i> , 2008 , 71, 357-67	3.9	66

134	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
133	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
132	Isoaspartate-glycine-arginine: a new tumor vasculature-targeting motif. <i>Cancer Research</i> , 2008 , 68, 7073-82	18.1	65
131	In-depth exploration of Hevea brasiliensis latex proteome and "hidden allergens" via combinatorial peptide ligand libraries. <i>Journal of Proteomics</i> , 2010 , 73, 1368-80	3.9	64
130	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
129	NoahQ nectar: the proteome content of a glass of red wine. <i>Journal of Proteomics</i> , 2010 , 73, 2370-7	3.9	59
128	Proteomic analysis of protein S-nitrosylation. <i>Proteomics</i> , 2008 , 8, 4484-94	4.8	59
127	Transport of ricin and 2S albumin precursors to the storage vacuoles of Ricinus communis endosperm involves the Golgi and VSR-like receptors. <i>Plant Journal</i> , 2004 , 39, 821-33	6.9	59
126	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
125	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
124	Engineering of Lactobacillus jensenii 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
123	Proteomic analysis of the retinal rod outer segment disks. <i>Journal of Proteome Research</i> , 2008 , 7, 2654-69	6.6	50
122	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
121	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
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	Proteomics reveals novel oxidative and glycolytic mechanisms in type 1 diabetic patients skin which are normalized by kidney-pancreas transplantation. <i>PLoS ONE</i> , 2010 , 5, e9923	3.7	49
118	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
117	Annexin2 coating the surface of enlargeosomes is needed for their regulated exocytosis. <i>EMBO Journal</i> , 2006 , 25, 5443-56	13	44

116	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
115	Popeye strikes again: The deep proteome of spinach leaves. <i>Journal of Proteomics</i> , 2011 , 74, 127-36	3.9	42
114	eEF2K/eEF2 Pathway Controls the Excitation/Inhibition Balance and Susceptibility to Epileptic Seizures. <i>Cerebral Cortex</i> , 2017 , 27, 2226-2248	5.1	41
113	PA28 β reduces size and increases hydrophilicity of 20S immunoproteasome peptide products. <i>Chemistry and Biology</i> , 2014 , 21, 470-480		41
112	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
111	Reduction of urinary 8-epi-prostaglandin F2 alpha during cyclo-oxygenase inhibition in rats but not in man. <i>British Journal of Pharmacology</i> , 1997 , 121, 1770-4	8.6	37
110	Early markers of Fabry disease revealed by proteomics. <i>Molecular BioSystems</i> , 2015 , 11, 1543-51		36
109	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
108	Proteomic analysis of activity-dependent synaptic plasticity in hippocampal neurons. <i>Journal of Proteome Research</i> , 2007 , 6, 3203-15	5.6	36
107	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
106	Synthesis and binding properties of oligonucleotides carrying nuclear localization sequences. <i>Bioconjugate Chemistry</i> , 1999 , 10, 1005-12	6.3	35
105	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
104	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
103	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
102	Characterization of collagenase blend enzymes for human islet transplantation. <i>Transplantation</i> , 2007 , 84, 1568-75	1.8	32
101	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
100	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
99	Pigment epithelium-derived factor is differentially expressed in peripheral neuropathies. <i>Proteomics</i> , 2005 , 5, 4558-67	4.8	30

98	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
97	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
96	Inhibitor affinity chromatography: profiling the specific reactivity of the proteome with immobilized molecules. <i>Proteomics</i> , 2003 , 3, 1287-98	4.8	29
95	Identification of grass pollen allergens by two-dimensional gel electrophoresis and serological screening. <i>Proteomics</i> , 2005 , 5, 729-36	4.8	28
94	Spatial mapping of juxtacrine axo-glial interactions identifies novel molecules in peripheral myelination. <i>Nature Communications</i> , 2015 , 6, 8303	17.4	27
93	The highly conserved synapsin domain E mediates synapsin dimerization and phospholipid vesicle clustering. <i>Biochemical Journal</i> , 2010 , 426, 55-64	3.8	27
92	Proteomic identification of differentially expressed proteins in the anoxic rice coleoptile. <i>Journal of Plant Physiology</i> , 2011 , 168, 2234-43	3.6	26
91	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
90	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
89	Analysis of protein phosphorylation by mass spectrometry. <i>European Journal of Mass Spectrometry</i> , 2004 , 10, 383-92	1.1	25
88	A novel proliferation-associated variant of CFR-1 defined by a human monoclonal antibody. <i>Laboratory Investigation</i> , 2001 , 81, 1097-108	5.9	25
87	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
86	Identification of Interactions in the NMD Complex Using Proximity-Dependent Biotinylation (BioID). <i>PLoS ONE</i> , 2016 , 11, e0150239	3.7	23
85	Metabolic determinants of the immune modulatory function of neural stem cells. <i>Journal of Neuroinflammation</i> , 2016 , 13, 232	10.1	23
84	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
83	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
82	Vitamin C Restricts the Emergence of Acquired Resistance to EGFR-Targeted Therapies in Colorectal Cancer. <i>Cancers</i> , 2020 , 12,	6.6	21
81	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

80	Quantitative proteomics reveals novel therapeutic and diagnostic markers in hypertension. <i>BBA Clinical</i> , 2014 , 2, 79-87		20
79	Characterization of phosphorylation- and RNA-dependent UPF1 interactors by quantitative proteomics. <i>Journal of Proteome Research</i> , 2014 , 13, 3038-53	5.6	20
78	Mass spectrometric identification of hemoglobin modifications induced by nitrosobenzene. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1601-8	7	20
77	Serological immunoreactivity against colon cancer proteome varies upon disease progression. <i>Journal of Proteome Research</i> , 2008 , 7, 504-14	5.6	20
76	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
75	Calcium signaling-related proteins are associated with broncho-pulmonary dysplasia progression. <i>Journal of Proteomics</i> , 2013 , 94, 401-12	3.9	19
74	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
73	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
72	HS1 complexes with cytoskeleton adapters in normal and malignant chronic lymphocytic leukemia B cells. <i>Leukemia</i> , 2007 , 21, 2067-70	10.7	19
71	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
70	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
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	Tumor suppressor PNRC1 blocks rRNA maturation by recruiting the decapping complex to the nucleolus. <i>EMBO Journal</i> , 2018 , 37,	13	17
67	Proteomic analysis of detergent-resistant membrane microdomains in trophozoite blood stage of the human malaria parasite <i>Plasmodium falciparum</i> . <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 3948-61	7.6	16
66	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
65	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
64	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
63	Structure of human Sp140 PHD finger: an atypical fold interacting with Pin1. <i>FEBS Journal</i> , 2014 , 281, 216-31	5.7	15

62	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
61	Collagenase isoforms for pancreas digestion. <i>Cell Transplantation</i> , 2009 , 18, 203-6	4	15
60	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
59	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
58	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
57	ATR expands embryonic stem cell fate potential in response to replication stress. <i>ELife</i> , 2020 , 9,	8.9	15
56	ATR is essential for preservation of cell mechanics and nuclear integrity during interstitial migration. <i>Nature Communications</i> , 2020 , 11, 4828	17.4	15
55	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
54	Urinary secretion and extracellular aggregation of mutant uromodulin isoforms. <i>Kidney International</i> , 2012 , 81, 769-78	9.9	14
53	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
52	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
51	Metabolism of Stem and Progenitor Cells: Proper Methods to Answer Specific Questions. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 151	6.1	12
50	Amyloid aggregates accumulate in melanoma metastasis modulating YAP activity. <i>EMBO Reports</i> , 2020 , 21, e50446	6.5	12
49	STAGE-digging: A novel in-gel digestion processing for proteomics samples. <i>Journal of Proteomics</i> , 2016 , 140, 48-54	3.9	12
48	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
47	Triple helix stabilization properties of oligonucleotides containing 8-amino-2Qdeoxyguanosine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 3011-6	2.9	11
46	Purification of the Prep1 interactome identifies novel pathways regulated by Prep1. <i>Proteomics</i> , 2007 , 7, 2617-23	4.8	11
45	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

44	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
43	Polycystin-1 Regulates Actomyosin Contraction and the Cellular Response to Extracellular Stiffness. <i>Scientific Reports</i> , 2019 , 9, 16640	4.9	11
42	Proteins from Tuber magnatum Pico fruiting bodies naturally grown in different areas of Italy. <i>Proteome Science</i> , 2013 , 11, 7	2.6	10
41	In depth exploration of the hemolymph of Limulus polyphemus via combinatorial peptide ligand libraries. <i>Journal of Proteome Research</i> , 2010 , 9, 3260-9	5.6	10
40	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
39	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
38	Urinary excretion of 2,3-dinor-thromboxane B1, a major metabolite of thromboxane B2 in the rat. <i>Prostaglandins</i> , 1994 , 47, 409-22		9
37	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
36	Missing Value Monitoring Enhances the Robustness in Proteomics Quantitation. <i>Journal of Proteome Research</i> , 2017 , 16, 1719-1727	5.6	8
35	Inhibiting glycolysis rescues memory impairment in an intellectual disability Gdi1-null mouse. <i>Metabolism: Clinical and Experimental</i> , 2021 , 116, 154463	12.7	8
34	Low Molecular Weight Proteins As Candidates for Specific Serological Diagnosis of Dourine. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 40	3.1	7
33	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
32	Tumors escape immunosurveillance by overexpressing the proteasome activator PSME3. <i>Oncotmunology</i> , 2020 , 9, 1761205	7.2	6
31	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
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