

Yohann Cout

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.

163
papers

5,784
citations

39
h-index

72
g-index

200
ext. papers

7,779
ext. citations

8.5
avg, IF

5.43
L-index

#	Paper	IF	Citations
163	A Micrarchaeon isolate is covered by a proteinaceous S-Layer.. <i>Applied and Environmental Microbiology</i> , 2022 , AEM0155321	4.8	1
162	Environmental cues from neural crest derivatives act as metastatic triggers in an embryonic neuroblastoma model.. <i>Nature Communications</i> , 2022 , 13, 2549	17.4	0
161	The BCC7 Protein Contributes to the Toxoplasma Basal Pole by Interfacing between the MyoC Motor and the IMC Membrane Network. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5995	6.3	0
160	Multimomics Study of Bacterial Growth Arrest in a Synthetic Biology Application. <i>ACS Synthetic Biology</i> , 2021 , 10, 2910-2926	5.7	0
159	Profiling of ob/ob mice skeletal muscle exosome-like vesicles demonstrates combined action of miRNAs, proteins and lipids to modulate lipid homeostasis in recipient cells. <i>Scientific Reports</i> , 2021 , 11, 21626	4.9	1
158	CYCLON and NPM1 Cooperate within an Oncogenic Network Predictive of R-CHOP Response in DLBCL. <i>Cancers</i> , 2021 , 13,	6.6	3
157	The Complex Regulatory Role of Cytomegalovirus Nuclear Egress Protein pUL50 in the Production of Infectious Virus. <i>Cells</i> , 2021 , 10,	7.9	3
156	Developmental defects in Huntington's disease show that axonal growth and microtubule reorganization require NUMA1. <i>Neuron</i> , 2021 ,	13.9	5
155	Mass Spectrometry-Based Proteomics Reveal Alcohol Dehydrogenase 1B as a Blood Biomarker Candidate to Monitor Acetaminophen-Induced Liver Injury. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
154	Plastidial and cytosolic thiol reductases participate in the control of stomatal functioning. <i>Plant, Cell and Environment</i> , 2021 , 44, 1417-1435	8.4	2
153	Extracellular riboflavin induces anaerobic biofilm formation in <i>Shewanella oneidensis</i> . <i>Biotechnology for Biofuels</i> , 2021 , 14, 130	7.8	5
152	Apoptotic mesenchymal stromal cells support osteoclastogenesis while inhibiting multinucleated giant cells formation in vitro. <i>Scientific Reports</i> , 2021 , 11, 12144	4.9	0
151	Goldberg-Shprintzen syndrome protein KIF1BP is a CITK interactor implicated in cytokinesis. <i>Journal of Cell Science</i> , 2021 , 134,	5.3	1
150	Constrained G4 structures unveil topology specificity of known and new G4 binding proteins. <i>Scientific Reports</i> , 2021 , 11, 13469	4.9	7
149	Production of acetoin from renewable resources under heterotrophic and mixotrophic conditions. <i>Bioresour Technol</i> , 2021 , 329, 124866	11	3
148	Argonaute Autoantibodies as Biomarkers in Autoimmune Neurologic Diseases. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2021 , 8,	9.1	1
147	Microglia modulate gliotransmission through the regulation of VAMP2 proteins in astrocytes. <i>Glia</i> , 2021 , 69, 61-72	9	3

146	Liquid Biopsy of Bile based on Targeted Mass Spectrometry for the Diagnosis of Malignant Biliary Strictures. <i>Clinical and Translational Science</i> , 2021 , 14, 148-152	4.9	3
145	PepS: An Innovative Microfluidic Device for Bedside Whole Blood Processing before Plasma Proteomics Analyses. <i>Analytical Chemistry</i> , 2021 , 93, 683-690	7.8	3
144	Cross-talk between the calcium channel TRPV4 and reactive oxygen species interlocks adhesive and degradative functions of invadosomes. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	1
143	Structural and functional analysis of the <i>Francisella</i> lysine decarboxylase as a key actor in oxidative stress resistance. <i>Scientific Reports</i> , 2021 , 11, 972	4.9	3
142	Phylogenetic and functional diversity of aldehyde-alcohol dehydrogenases in microalgae. <i>Plant Molecular Biology</i> , 2021 , 105, 497-511	4.6	1
141	Well Plate Maker: A user-friendly randomized block design application to limit batch effects in largescale biomedical studies. <i>Bioinformatics</i> , 2021 ,	7.2	2
140	A plant-like mechanism coupling m6A reading to polyadenylation safeguards transcriptome integrity and developmental gene partitioning in. <i>ELife</i> , 2021 , 10,	8.9	3
139	Expanding the Occurrence of Polysaccharides to the Viral World: The Case of Mimivirus. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19897-19904	16.4	1
138	Developing <i>Rhodobacter sphaeroides</i> for cathodic biopolymer production. <i>Bioresource Technology</i> , 2021 , 336, 125340	11	2
137	The PopN Gate-keeper Complex Acts on the ATPase PscN to Regulate the T3SS Secretion Switch from Early to Middle Substrates in <i>Pseudomonas aeruginosa</i> . <i>Journal of Molecular Biology</i> , 2020 , 432, 166690	6.5	1
136	Target verification of artesunate-related antiviral drugs: Assessing the role of mitochondrial and regulatory proteins by click chemistry and fluorescence labeling. <i>Antiviral Research</i> , 2020 , 180, 104861	10.8	5
135	Mass Spectrometry-Based Characterization of the Virion Proteome, Phosphoproteome, and Associated Kinase Activity of Human Cytomegalovirus. <i>Microorganisms</i> , 2020 , 8,	4.9	7
134	Multi-omics analysis delineates the distinct functions of sub-cellular acetyl-CoA pools in <i>Toxoplasma gondii</i> . <i>BMC Biology</i> , 2020 , 18, 67	7.3	18
133	Fetuin-A and thyroxin binding globulin predict rituximab response in rheumatoid arthritis patients with insufficient response to anti-TNF. <i>Clinical Rheumatology</i> , 2020 , 39, 2553-2562	3.9	2
132	Rhomboid intramembrane protease YggP licenses bacterial membrane protein quality control as adaptor of FtsH AAA protease. <i>EMBO Journal</i> , 2020 , 39, e102935	13	18
131	Proline: an efficient and user-friendly software suite for large-scale proteomics. <i>Bioinformatics</i> , 2020 , 36, 3148-3155	7.2	56
130	A MORC-driven transcriptional switch controls <i>Toxoplasma</i> developmental trajectories and sexual commitment. <i>Nature Microbiology</i> , 2020 , 5, 570-583	26.6	38
129	A Behavior-Manipulating Virus Relative as a Source of Adaptive Genes for <i>Drosophila</i> Parasitoids. <i>Molecular Biology and Evolution</i> , 2020 , 37, 2791-2807	8.3	13

128	Hepatitis B virus Core protein nuclear interactome identifies SRSF10 as a host RNA-binding protein restricting HBV RNA production. <i>PLoS Pathogens</i> , 2020 , 16, e1008593	7.6	18
127	Insertion sequences drive the emergence of a highly adapted human pathogen. <i>Microbial Genomics</i> , 2020 , 6,	4.4	5
126	Exploration of the propagation of transpovirons within Mimiviridae reveals a unique example of commensalism in the viral world. <i>ISME Journal</i> , 2020 , 14, 727-739	11.9	8
125	Comprehensive and comparative exploration of the Atp7b mouse plasma proteome. <i>Metallomics</i> , 2020 , 12, 249-258	4.5	2
124	Ribosomal protein gene RPL9 variants can differentially impair ribosome function and cellular metabolism. <i>Nucleic Acids Research</i> , 2020 , 48, 770-787	20.1	12
123	Reduced reticulum-mitochondria Ca transfer is an early and reversible trigger of mitochondrial dysfunctions in diabetic cardiomyopathy. <i>Basic Research in Cardiology</i> , 2020 , 115, 74	11.8	25
122	The unusual structure of Ruminococcin C1 antimicrobial peptide confers clinical properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 19168-19177	11.5	13
121	Beyond Target-Decoy Competition: Stable Validation of Peptide and Protein Identifications in Mass Spectrometry-Based Discovery Proteomics. <i>Analytical Chemistry</i> , 2020 , 92, 14898-14906	7.8	8
120	Hybrid cluster proteins in a photosynthetic microalga. <i>FEBS Journal</i> , 2020 , 287, 721-735	5.7	8
119	Rotator Cuff Tenocytes Differentiate into Hypertrophic Chondrocyte-Like Cells to Produce Calcium Deposits in an Alkaline Phosphatase-Dependent Manner. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	4
118	Identification of the Arabidopsis Calmodulin-Dependent NAD Kinase That Sustains the Elicitor-Induced Oxidative Burst. <i>Plant Physiology</i> , 2019 , 181, 1449-1458	6.6	11
117	Dissecting the Shared and Context-Dependent Pathways Mediated by the p140Cap Adaptor Protein in Cancer and in Neurons. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 222	5.7	4
116	Ruminococcin C, a promising antibiotic produced by a human gut symbiont. <i>Science Advances</i> , 2019 , 5, eaaw9969	14.3	31
115	Ribosomal Proteins Regulate MHC Class I Peptide Generation for Immunosurveillance. <i>Molecular Cell</i> , 2019 , 73, 1162-1173.e5	17.6	42
114	A Soluble Metabolon Synthesizes the Isoprenoid Lipid Ubiquinone. <i>Cell Chemical Biology</i> , 2019 , 26, 482-492.e7	19.2	21
113	: FupA mutation contributes to fluoroquinolone resistance by increasing vesicle secretion and biofilm formation. <i>Emerging Microbes and Infections</i> , 2019 , 8, 808-822	18.9	15
112	USP1 links platinum resistance to cancer cell dissemination by regulating Snail stability. <i>Science Advances</i> , 2019 , 5, eaav3235	14.3	47
111	The Toxoplasma effector TEEGR promotes parasite persistence by modulating NF- κ B signalling via EZH2. <i>Nature Microbiology</i> , 2019 , 4, 1208-1220	26.6	54

110	Cyclins B1, T1, and H differ in their molecular mode of interaction with cytomegalovirus protein kinase pUL97. <i>Journal of Biological Chemistry</i> , 2019 , 294, 6188-6203	5.4	12
109	Pandoravirus Celtis Illustrates the Microevolution Processes at Work in the Giant Genomes. <i>Frontiers in Microbiology</i> , 2019 , 10, 430	5.7	15
108	Protein Biomarker Discovery in Non-depleted Serum by Spectral Library-Based Data-Independent Acquisition Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2019 , 1959, 129-150	1.4	4
107	Bone Morphogenetic Protein 9 Is a Paracrine Factor Controlling Liver Sinusoidal Endothelial Cell Fenestration and Protecting Against Hepatic Fibrosis. <i>Hepatology</i> , 2019 , 70, 1392-1408	11.2	48
106	Physical and functional interaction between SET1/COMPASS complex component CFP-1 and a Sin3S HDAC complex in <i>C. elegans</i> . <i>Nucleic Acids Research</i> , 2019 , 47, 11164-11180	20.1	18
105	Interactome of the yeast RNA polymerase III transcription machinery constitutes several chromatin modifiers and regulators of the genes transcribed by RNA polymerase II. <i>Gene</i> , 2019 , 702, 205-214	3.8	4
104	The architecture of lipid droplets in the diatom <i>Phaeodactylum tricornutum</i> . <i>Algal Research</i> , 2019 , 38, 101415	5	33
103	TRIM9 and TRIM67 Are New Targets in Paraneoplastic Cerebellar Degeneration. <i>Cerebellum</i> , 2019 , 18, 245-254	4.3	23
102	A meiotic XPF-ERCC1-like complex recognizes joint molecule recombination intermediates to promote crossover formation. <i>Genes and Development</i> , 2018 , 32, 283-296	12.6	38
101	Synthesis of Artemisinin-Derived Dimers, Trimers and Dendrimers: Investigation of Their Antimalarial and Antiviral Activities Including Putative Mechanisms of Action. <i>Chemistry - A European Journal</i> , 2018 , 24, 8103-8113	4.8	41
100	The poly-gamma-glutamate of <i>Bacillus subtilis</i> interacts specifically with silver nanoparticles. <i>PLoS ONE</i> , 2018 , 13, e0197501	3.7	5
99	Short- and long-term efficacy of electroconvulsive stimulation in animal models of depression: The essential role of neuronal survival. <i>Brain Stimulation</i> , 2018 , 11, 1336-1347	5.1	17
98	Diversity and evolution of the emerging Pandoraviridae family. <i>Nature Communications</i> , 2018 , 9, 2285	17.4	65
97	The PHD finger protein Spp1 has distinct functions in the Set1 and the meiotic DSB formation complexes. <i>PLoS Genetics</i> , 2018 , 14, e1007223	6	29
96	Evolution of gene dosage on the Z-chromosome of schistosome parasites. <i>ELife</i> , 2018 , 7,	8.9	23
95	Characterization of a effector uncovers an alternative GSK3/βcatenin-regulatory pathway of inflammation. <i>ELife</i> , 2018 , 7,	8.9	45
94	Author response: Characterization of a <i>Toxoplasma</i> effector uncovers an alternative GSK3/βcatenin-regulatory pathway of inflammation 2018 ,		4
93	Proteomic characterization of human exhaled breath condensate. <i>Journal of Breath Research</i> , 2018 , 12, 021001	3.1	22

92	Externalized Keratin 8: A Target at the Interface of Microenvironment and Intracellular Signaling in Colorectal Cancer Cells. <i>Cancers</i> , 2018 , 10,	6.6	2
91	Novel cytomegalovirus-inhibitory compounds of the class pyrrolopyridines show a complex pattern of target binding that suggests an unusual mechanism of antiviral activity. <i>Antiviral Research</i> , 2018 , 159, 84-94	10.8	10
90	Nut Directs p300-Dependent, Genome-Wide H4 Hyperacetylation in Male Germ Cells. <i>Cell Reports</i> , 2018 , 24, 3477-3487.e6	10.6	31
89	Characteristics in limbic encephalitis with anti-adenylate kinase 5 autoantibodies. <i>Neurology</i> , 2017 , 88, 514-524	6.5	40
88	Noumeavirus replication relies on a transient remote control of the host nucleus. <i>Nature Communications</i> , 2017 , 8, 15087	17.4	39
87	The Long Hunt for -Looking for a Phospholipid Synthesis Transcriptional Regulator, Finding the Ribosome. <i>Journal of Bacteriology</i> , 2017 , 199,	3.5	4
86	Introducing plasma/serum glycodepletion for the targeted proteomics analysis of cytolysis biomarkers. <i>Talanta</i> , 2017 , 170, 473-480	6.2	6
85	Histone Variant H2A.L.2 Guides Transition Protein-Dependent Protamine Assembly in Male Germ Cells. <i>Molecular Cell</i> , 2017 , 66, 89-101.e8	17.6	67
84	Concerted Up-regulation of Aldehyde/Alcohol Dehydrogenase (ADHE) and Starch in Increases Survival under Dark Anoxia. <i>Journal of Biological Chemistry</i> , 2017 , 292, 2395-2410	5.4	17
83	Modifications at K31 on the lateral surface of histone H4 contribute to genome structure and expression in apicomplexan parasites. <i>ELife</i> , 2017 , 6,	8.9	15
82	An algal photoenzyme converts fatty acids to hydrocarbons. <i>Science</i> , 2017 , 357, 903-907	33.3	192
81	Vasohibins/SVBP are tubulin carboxypeptidases (TCPs) that regulate neuron differentiation. <i>Science</i> , 2017 , 358, 1448-1453	33.3	113
80	Evidence for rRNA 2RO-methylation plasticity: Control of intrinsic translational capabilities of human ribosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12934-12939	11.5	128
79	DAPAR & ProStaR: software to perform statistical analyses in quantitative discovery proteomics. <i>Bioinformatics</i> , 2017 , 33, 135-136	7.2	116
78	Indolizine-Based Scaffolds as Efficient and Versatile Tools: Application to the Synthesis of Biotin-Tagged Antiangiogenic Drugs. <i>ACS Omega</i> , 2017 , 2, 9221-9230	3.9	10
77	Synaptic Interactome Mining Reveals p140Cap as a New Hub for PSD Proteins Involved in Psychiatric and Neurological Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 212	6.1	16
76	Bdf1 Bromodomains Are Essential for Meiosis and the Expression of Meiotic-Specific Genes. <i>PLoS Genetics</i> , 2017 , 13, e1006541	6	7
75	Protein kinases responsible for the phosphorylation of the nuclear egress core complex of human cytomegalovirus. <i>Journal of General Virology</i> , 2017 , 98, 2569-2581	4.9	27

74	Characterization of the Arabidopsis thaliana 2-Cys peroxiredoxin interactome. <i>Plant Science</i> , 2016 , 252, 30-41	5.3	35
73	Looking for Missing Proteins in the Proteome of Human Spermatozoa: An Update. <i>Journal of Proteome Research</i> , 2016 , 15, 3998-4019	5.6	55
72	Roles of paxillin family members in adhesion and ECM degradation coupling at invadosomes. <i>Journal of Cell Biology</i> , 2016 , 213, 585-99	7.3	19
71	The centrosome is an actin-organizing centre. <i>Nature Cell Biology</i> , 2016 , 18, 65-75	23.4	143
70	Neuropeptidome of the Cephalopod Sepia officinalis: Identification, Tissue Mapping, and Expression Pattern of Neuropeptides and Neurohormones during Egg Laying. <i>Journal of Proteome Research</i> , 2016 , 15, 48-67	5.6	36
69	Spiked proteomic standard dataset for testing label-free quantitative software and statistical methods. <i>Data in Brief</i> , 2016 , 6, 286-94	1.2	23
68	Benchmarking quantitative label-free LC-MS data processing workflows using a complex spiked proteomic standard dataset. <i>Journal of Proteomics</i> , 2016 , 132, 51-62	3.9	53
67	Proteomic Interaction Patterns between Human Cyclins, the Cyclin-Dependent Kinase Ortholog pUL97 and Additional Cytomegalovirus Proteins. <i>Viruses</i> , 2016 , 8,	6.2	13
66	Pycnosomes: Condensed Endosomal Structures Secreted by Dictyostelium Amoebae. <i>PLoS ONE</i> , 2016 , 11, e0154875	3.7	3
65	Uses and misuses of the fudge factor in quantitative discovery proteomics. <i>Proteomics</i> , 2016 , 16, 1955-60.8	6.8	10
64	Calibration plot for proteomics: A graphical tool to visually check the assumptions underlying FDR control in quantitative experiments. <i>Proteomics</i> , 2016 , 16, 29-32	4.8	32
63	Nuclear Functions of Nucleolin through Global Proteomics and Interactomic Approaches. <i>Journal of Proteome Research</i> , 2016 , 15, 1659-69	5.6	34
62	Triadin and CLIMP-63 form a link between triads and microtubules in muscle cells. <i>Journal of Cell Science</i> , 2016 , 129, 3744-3755	5.3	18
61	Toxoplasma gondii TgIST co-opts host chromatin repressors dampening STAT1-dependent gene regulation and IFN- γ -mediated host defenses. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1779-98	16.6	111
60	Human ribosomes from cells with reduced dyskerin levels are intrinsically altered in translation. <i>FASEB Journal</i> , 2015 , 29, 3472-82	0.9	39
59	Modulatory role of the anti-apoptotic protein kinase CK2 in the sub-cellular localization of Fas associated death domain protein (FADD). <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 2885-96	4.9	11
58	Regulation of postsynaptic function by the dementia-related ESCRT-III subunit CHMP2B. <i>Journal of Neuroscience</i> , 2015 , 35, 3155-73	6.6	40
57	Dual activity of quinolinate synthase: triose phosphate isomerase and dehydration activities play together to form quinolinate. <i>Biochemistry</i> , 2015 , 54, 6443-6	3.2	8

56	In-depth study of Mollivirus sibericum, a new 30,000-y-old giant virus infecting Acanthamoeba. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5327-35	11.5	171
55	Mechanisms of local invasion in enteroendocrine tumors: identification of novel candidate cytoskeleton-associated proteins in an experimental mouse model by a proteomic approach and validation in human tumors. <i>Molecular and Cellular Endocrinology</i> , 2015 , 399, 154-63	4.4	5
54	Outer membrane vesicles are vehicles for the delivery of <i>Vibrio tasmaniensis</i> virulence factors to oyster immune cells. <i>Environmental Microbiology</i> , 2015 , 17, 1152-65	5.2	49
53	A receptor pair with an integrated decoy converts pathogen disabling of transcription factors to immunity. <i>Cell</i> , 2015 , 161, 1074-1088	56.2	270
52	Thirty-thousand-year-old distant relative of giant icosahedral DNA viruses with a pandoravirus morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4274-9	11.5	314
51	Proteomic analysis of the multimeric nuclear egress complex of human cytomegalovirus. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 2132-46	7.6	67
50	Identifying USPs regulating immune signals in <i>Drosophila</i> : USP2 deubiquitinates Imd and promotes its degradation by interacting with the proteasome. <i>Cell Communication and Signaling</i> , 2014 , 12, 41	7.5	18
49	DNA binding of the p21 repressor ZBTB2 is inhibited by cytosine hydroxymethylation. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 446, 341-6	3.4	9
48	A type III secretion negative clinical strain of <i>Pseudomonas aeruginosa</i> employs a two-partner secreted exolysin to induce hemorrhagic pneumonia. <i>Cell Host and Microbe</i> , 2014 , 15, 164-76	23.4	54
47	Quantitative proteomics reveals the link between minichromosome maintenance complex and glucose-induced proliferation of rat pancreatic INS-1E β cells. <i>Journal of Proteomics</i> , 2014 , 108, 163-70	3.9	1
46	RNA clamping by Vasa assembles a piRNA amplifier complex on transposon transcripts. <i>Cell</i> , 2014 , 157, 1698-711	56.2	149
45	Proteomic analysis of C2C12 myoblast and myotube exosome-like vesicles: a new paradigm for myoblast-myotube cross talk?. <i>PLoS ONE</i> , 2014 , 9, e84153	3.7	95
44	Assembly of the novel five-component apicomplexan multi-aminoacyl-tRNA synthetase complex is driven by the hybrid scaffold protein Tg-p43. <i>PLoS ONE</i> , 2014 , 9, e89487	3.7	19
43	V-erba generates ribosomes devoid of RPL11 and regulates translational activity in avian erythroid progenitors. <i>Oncogene</i> , 2014 , 33, 1581-9	9.2	4
42	An ABC transporter and an outer membrane lipoprotein participate in posttranslational activation of type VI secretion in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2013 , 15, 471-86	5.2	65
41	Pandoraviruses: amoeba viruses with genomes up to 2.5 Mb reaching that of parasitic eukaryotes. <i>Science</i> , 2013 , 341, 281-6	33.3	382
40	Unbalanced expression of CK2 kinase subunits is sufficient to drive epithelial-to-mesenchymal transition by Snail1 induction. <i>Oncogene</i> , 2013 , 32, 1373-83	9.2	57
39	Host cell subversion by <i>Toxoplasma</i> GRA16, an exported dense granule protein that targets the host cell nucleus and alters gene expression. <i>Cell Host and Microbe</i> , 2013 , 13, 489-500	23.4	166

38	Proteomic characterization of Pseudomonas aeruginosa PAO1 inner membrane. <i>Proteomics</i> , 2013 , 13, 2419-23	4.8	50
37	A micro-silicon chip for in vivo cerebral imprint in monkey. <i>ACS Chemical Neuroscience</i> , 2013 , 4, 385-92	5.7	8
36	Proteomic analysis of the SH2 domain-containing leukocyte protein of 76 kDa (SLP76) interactome in resting and activated primary mast cells [corrected]. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 2874-89	7.6	10
35	Unique features of a Pseudomonas aeruginosa α -macroglobulin homolog. <i>MBio</i> , 2013 , 4,	7.8	16
34	A Toxoplasma dense granule protein, GRA24, modulates the early immune response to infection by promoting a direct and sustained host p38 MAPK activation. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2071-86	16.6	175
33	Chlamydomonas reinhardtii chloroplasts contain a homodimeric pyruvate:ferredoxin oxidoreductase that functions with FDX1. <i>Plant Physiology</i> , 2013 , 161, 57-71	6.6	36
32	Identification of new interacting partners of the shuttling protein ubinuclein (Ubn-1). <i>Experimental Cell Research</i> , 2012 , 318, 509-20	4.2	15
31	Introducing AAA-MS, a rapid and sensitive method for amino acid analysis using isotope dilution and high-resolution mass spectrometry. <i>Journal of Proteome Research</i> , 2012 , 11, 3929-36	5.6	16
30	Improved characterization of the insulin secretory granule proteomes. <i>Journal of Proteomics</i> , 2012 , 75, 4620-31	3.9	34
29	Nucleolin interacts with US11 protein of herpes simplex virus 1 and is involved in its trafficking. <i>Journal of Virology</i> , 2012 , 86, 1449-57	6.6	36
28	Modulation of neuronal pentraxin 1 expression in rat pancreatic β cells submitted to chronic glucotoxic stress. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, 244-54	7.6	12
27	TOX4 and its binding partners recognize DNA adducts generated by platinum anticancer drugs. <i>Archives of Biochemistry and Biophysics</i> , 2011 , 507, 296-303	4.1	30
26	Homozygous deletion of EPB41 genuine AUG-containing exons results in mRNA splicing defects, NMD activation and protein 4.1R complete deficiency in hereditary elliptocytosis. <i>Blood Cells, Molecules, and Diseases</i> , 2011 , 47, 158-65	2.1	9
25	Evaluation of the ability of Bifidobacterium longum to metabolize human intestinal mucus. <i>FEMS Microbiology Letters</i> , 2011 , 314, 125-30	2.9	20
24	Isolation of nucleoli. <i>Current Protocols in Cell Biology</i> , 2010 , Chapter 3, Unit3.36	2.3	21
23	Early activation of the fatty acid metabolism pathway by chronic high glucose exposure in rat insulin secretory beta-cells. <i>Proteomics</i> , 2010 , 10, 59-71	4.8	14
22	The cell-envelope proteome of Bifidobacterium longum in an in vitro bile environment. <i>Microbiology (United Kingdom)</i> , 2009 , 155, 957-967	2.9	67
21	Proteomics of regulated secretory organelles. <i>Mass Spectrometry Reviews</i> , 2009 , 28, 844-67	11	23

20	Glucotoxicity and pancreatic proteomics. <i>Journal of Proteomics</i> , 2009 , 71, 576-91	3.9	55
19	ISG20L2, a novel vertebrate nucleolar exoribonuclease involved in ribosome biogenesis. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 546-59	7.6	27
18	Biomedical Applications of Proteomics 2007 , 193-221		1
17	Assignment of protein function and discovery of novel nucleolar proteins based on automatic analysis of MEDLINE. <i>Proteomics</i> , 2007 , 7, 921-31	4.8	16
16	Proteomics analysis of insulin secretory granules. <i>Molecular and Cellular Proteomics</i> , 2007 , 6, 1007-17	7.6	104
15	Labeling of <i>Bifidobacterium longum</i> cells with ¹³ C-substituted leucine for quantitative proteomic analyses. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 5653-6	4.8	11
14	Multi-dimensional HPLC/MS of the nucleolar proteome using HPLC-chip/MS. <i>Journal of Separation Science</i> , 2006 , 29, 499-509	3.4	36
13	Deciphering the human nucleolar proteome. <i>Mass Spectrometry Reviews</i> , 2006 , 25, 215-34	11	82
12	Purification of Nucleoli From Lymphoma Cells and Solubilization of Nucleolar Proteins for 2-DE Separation 2005 , 79-85		
11	The protein ICP0 of herpes simplex virus type 1 is targeted to nucleoli of infected cells. Brief report. <i>Archives of Virology</i> , 2005 , 150, 2387-95	2.6	19
10	Modifications of Host Cell Proteome Induced by Herpes Simplex Virus Type 1 2004 , 263-283		
9	Functional proteomic analysis of human nucleolus. <i>Molecular Biology of the Cell</i> , 2002 , 13, 4100-9	3.5	405
8	Characterization by two-dimensional gel electrophoresis of host proteins whose synthesis is sustained or stimulated during the course of herpes simplex virus type 1 infection. <i>Electrophoresis</i> , 2000 , 21, 2522-30	3.6	13
7	Hepatitis B virus Core protein nuclear interactome identifies SRSF10 as a host RNA-binding protein restricting HBV RNA production		1
6	NLRP3 controls ATM activation in response to DNA damage		1
5	A peptide-level multiple imputation strategy accounting for the different natures of missing values in proteomics data		6
4	A behavior-manipulating virus relative as a source of adaptive genes for parasitoid wasps		2
3	Identification of the Calmodulin-dependent NAD ⁺ kinase sustaining the elicitor-induced oxidative burst in plants		1

- 2 Molecular flux control encodes distinct cytoskeletal responses by specifying SRC signaling pathway usage 2
- 1 Constrained G4 structures unveil topology specificity of known and new G4 binding proteins 2