Allan Stensballe

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. PLoS Biology, 2012, 10, e1001450.	2.6	1,064
2	Large-scale Analysis of in Vivo Phosphorylated Membrane Proteins by Immobilized Metal Ion Affinity Chromatography and Mass Spectrometry. Molecular and Cellular Proteomics, 2003, 2, 1234-1243.	2.5	523
3	Phosphoproteomics of the Arabidopsis Plasma Membrane and a New Phosphorylation Site Database[W]. Plant Cell, 2004, 16, 2394-2405.	3.1	443
4	Characterization of phosphoproteins from electrophoretic gels by nanoscale Fe(III) affinity chromatography with off-line mass spectrometry analysis. Proteomics, 2001, 1, 207-222.	1.3	371
5	A Mass Spectrometry-based Proteomic Approach for Identification of Serine/Threonine-phosphorylated Proteins by Enrichment with Phospho-specific Antibodies. Molecular and Cellular Proteomics, 2002, 1, 517-527.	2.5	353
6	Electron capture dissociation of singly and multiply phosphorylated peptides. Rapid Communications in Mass Spectrometry, 2000, 14, 1793-1800.	0.7	341
7	EVpedia: a community web portal for extracellular vesicles research. Bioinformatics, 2015, 31, 933-939.	1.8	317
8	A novel community driven software for functional enrichment analysis of extracellular vesicles data. Journal of Extracellular Vesicles, 2017, 6, 1321455.	5.5	314
9	Binding of 14-3-3 Protein to the Plasma Membrane H+-ATPase AHA2 Involves the Three C-terminal Residues Tyr946-Thr-Val and Requires Phosphorylation of Thr947. Journal of Biological Chemistry, 1999, 274, 36774-36780.	1.6	311
10	A specific p47phox -serine phosphorylated by convergent MAPKs mediates neutrophil NADPH oxidase priming at inflammatory sites. Journal of Clinical Investigation, 2006, 116, 2033-2043.	3.9	283
11	Diagnostic and Prognostic Potential of Extracellular Vesicles in Peripheral Blood. Clinical Therapeutics, 2014, 36, 830-846.	1.1	219
12	Proteomic Analysis of Glycosylphosphatidylinositol-anchored Membrane Proteins. Molecular and Cellular Proteomics, 2003, 2, 1261-1270.	2.5	181
13	T â~'13910 DNA variant associated with lactase persistence interacts with Oct-1 and stimulates lactase promoter activity in vitro. Human Molecular Genetics, 2005, 14, 3945-3953.	1.4	143
14	Neutrophil Extracellular Traps in Ulcerative Colitis. Inflammatory Bowel Diseases, 2015, 21, 2052-2067.	0.9	131
15	Expression of Fap amyloids in <i><scp>P</scp>seudomonas aeruginosa</i> , <i><scp>P</scp>.Âfluorescens,</i> and <i><scp>P</scp>.Âputida</i> results in aggregation and increased biofilm formation. MicrobiologyOpen, 2013, 2, 365-382.	1.2	130
16	Autophosphorylation of JAK2 on Tyrosines 221 and 570 Regulates Its Activity. Molecular and Cellular Biology, 2004, 24, 4955-4967.	1.1	120
17	Exploration of extracellular vesicles from <i>Ascaris suum</i> provides evidence of parasite–host cross talk. Journal of Extracellular Vesicles, 2019, 8, 1578116.	5.5	103
18	Phosphopeptide detection and sequencing by matrix-assisted laser desorption/ionization quadrupole time-of-flight tandem mass spectrometry. Journal of Mass Spectrometry, 2002, 37, 179-190.	0.7	102

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19	Phosphoric acid enhances the performance of Fe(III) affinity chromatography and matrix-assisted laser desorption/ionization tandem mass spectrometry for recovery, detection and sequencing of phosphopeptides. Rapid Communications in Mass Spectrometry, 2004, 18, 1721-1730.	0.7	95
20	Identification of Phosphorylation Sites in Protein Kinase A Substrates Using Artificial Neural Networks and Mass Spectrometry. Journal of Proteome Research, 2004, 3, 426-433.	1.8	88
21	Biomarkers in inflammatory bowel diseases: Current status and proteomics identification strategies. World Journal of Gastroenterology, 2014, 20, 3231.	1.4	86
22	Phosphorylation of Formate Dehydrogenase in Potato Tuber Mitochondria. Journal of Biological Chemistry, 2003, 278, 26021-26030.	1.6	84
23	Mass Spectrometry and Site-directed Mutagenesis Identify Several Autophosphorylated Residues Required for the Activity of PrkC, a Ser/Thr Kinase from Bacillus subtilis. Journal of Molecular Biology, 2003, 330, 459-472.	2.0	79
24	Proteomic changes in response to chromium(VI) toxicity in Pseudomonas aeruginosa. Bioresource Technology, 2010, 101, 2134-2140.	4.8	79
25	A Normative Study of the Synovial Fluid Proteome from Healthy Porcine Knee Joints. Journal of Proteome Research, 2014, 13, 4377-4387.	1.8	68
26	Synthesis and deposition of basement membrane proteins by primary brain capillary endothelial cells in a murine model of the blood–brain barrier. Journal of Neurochemistry, 2017, 140, 741-754.	2.1	67
27	Quantitative proteomic analysis of ibuprofen-degrading Patulibacter sp. strain 111. Biodegradation, 2013, 24, 615-630.	1.5	63
28	Database-independent, database-dependent, and extended interpretation of peptide mass spectra in VEMS V2.0. Proteomics, 2004, 4, 2583-2593.	1.3	60
29	Bovine lactoferrin regulates cell survival, apoptosis and inflammation in intestinal epithelial cells and preterm pig intestine. Journal of Proteomics, 2016, 139, 95-102.	1.2	54
30	Novel understanding of ABC transporters ABCB1/MDR/P-glycoprotein, ABCC2/MRP2, and ABCG2/BCRP in colorectal pathophysiology. World Journal of Gastroenterology, 2015, 21, 11862.	1.4	53
31	Phosphorylation of JAK2 at Serine 523: a Negative Regulator of JAK2 That Is Stimulated by GrowthHormone and Epidermal Growth Factor. Molecular and Cellular Biology, 2006, 26, 4052-4062.	1.1	52
32	The hard protein corona of stealth liposomes is sparse. Journal of Controlled Release, 2019, 307, 1-15.	4.8	51
33	Mass spectrometry analysis of adipose-derived stem cells reveals a significant effect of hypoxia on pathways regulating extracellular matrix. Stem Cell Research and Therapy, 2016, 7, 52.	2.4	49
34	Proteomic and Postâ€Translational Modification Profiling of Exosomeâ€Mimetic Nanovesicles Compared to Exosomes. Proteomics, 2019, 19, e1800161.	1.3	49
35	Proteome Analysis of Rheumatoid Arthritis Gut Mucosa. Journal of Proteome Research, 2017, 16, 346-354.	1.8	48
36	The Pig PeptideAtlas: A resource for systems biology in animal production and biomedicine. Proteomics, 2016, 16, 634-644.	1.3	47

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37	Optimizing the Identification of Citrullinated Peptides by Mass Spectrometry: Utilizing the Inability of Trypsin to Cleave after Citrullinated Amino Acids. Journal of Proteomics and Bioinformatics, 2013, 6, .	0.4	45
38	Simplified sample preparation method for protein identification by matrix-assisted laser desorption/ionization mass spectrometry: In-gel digestion on the probe surface. Proteomics, 2001, 1, 955-966.	1.3	43
39	The amyloplast proteome of potato tuber. FEBS Journal, 2008, 275, 1723-1741.	2.2	42
40	Metaproteomics: Evaluation of protein extraction from activated sludge. Proteomics, 2014, 14, 2535-2539.	1.3	41
41	â¿¿Comparing the proteome of snap frozen, RNAlater preserved, and formalin-fixed paraffin-embedded human tissue samples. EuPA Open Proteomics, 2016, 10, 9-18.	2.5	39
42	A Cost-Effective High-Throughput Plasma and Serum Proteomics Workflow Enables Mapping of the Molecular Impact of Total Pancreatectomy with Islet Autotransplantation. Journal of Proteome Research, 2018, 17, 1983-1992.	1.8	39
43	Highlights of the São Paulo ISEV workshop on extracellular vesicles in crossâ€kingdom communication. Journal of Extracellular Vesicles, 2017, 6, 1407213.	5.5	38
44	Effect of glycosylation on the extracellular domain of the Ag43 bacterial autotransporter: enhanced stability and reduced cellular aggregation. Biochemical Journal, 2008, 412, 563-577.	1.7	37
45	Elevated levels of circulating cell-free DNA and neutrophil proteins are associated with neonatal sepsis and necrotizing enterocolitis in immature mice, pigs and infants. Innate Immunity, 2017, 23, 524-536.	1.1	37
46	Major Proteomic Changes Associated with Amyloid-Induced Biofilm Formation in <i>Pseudomonas aeruginosa</i> PAO1. Journal of Proteome Research, 2015, 14, 72-81.	1.8	34
47	Secretion of Cpn0796 from Chlamydia pneumoniae into the host cell cytoplasm by an autotransporter mechanism. Cellular Microbiology, 2005, 7, 825-836.	1.1	30
48	Pharmacological Insights into Halophyte Bioactive Extract Action on Anti-Inflammatory, Pain Relief and Antibiotics-Type Mechanisms. Molecules, 2021, 26, 3140.	1.7	30
49	Protein Conformational Change Delayed by Steric Hindrance from an N-Linked Glycan. Journal of Molecular Biology, 2013, 425, 2867-2877.	2.0	29
50	Relative efficiencies of peptidylarginine deiminase 2 and 4 in generating target sites for anti-citrullinated protein antibodies in fibrinogen, alpha-enolase and histone H3. PLoS ONE, 2018, 13, e0203214.	1.1	27
51	Proteomic analysis of synovial fluid from rheumatic arthritis and spondyloarthritis patients. Clinical Proteomics, 2020, 17, 29.	1.1	27
52	Anti-Aβ Antibody Aducanumab Regulates the Proteome of Senile Plaques and Closely Surrounding Tissue in a Transgenic Mouse Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2021, 79, 249-265.	1.2	27
53	Comparative proteomic analysis of casein and whey as prepared by chymosin-induced separation, isoelectric precipitation or ultracentrifugation. Journal of Dairy Research, 2012, 79, 451-458.	0.7	25
54	Identification and characterization by LCâ€UVâ€MS/MS of melanotan II skinâ€ŧanning products sold illegally on the Internet. Drug Testing and Analysis, 2015, 7, 164-172.	1.6	25

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55	Topical Administration of a Soluble TNF Inhibitor Reduces Infarct Volume After Focal Cerebral Ischemia in Mice. Frontiers in Neuroscience, 2019, 13, 781.	1.4	25
56	Effect of Minor Milk Proteins in Chymosin Separated Whey and Casein Fractions on Cheese Yield as Determined by Proteomics and Multivariate Data Analysis. Journal of Dairy Science, 2008, 91, 3787-3797.	1.4	24
57	Online marketing of synthetic peptide hormones: poor manufacturing, user safety, and challenges to public health. Drug Testing and Analysis, 2014, 6, 396-398.	1.6	24
58	Proteins involved in focal adhesion signaling pathways are differentially regulated in experimental branch retinal vein occlusion. Experimental Eye Research, 2015, 138, 87-95.	1.2	24
59	A Proposal for a Study on Treatment Selection and Lifestyle Recommendations in Chronic Inflammatory Diseases: A Danish Multidisciplinary Collaboration on Prognostic Factors and Personalised Medicine. Nutrients, 2017, 9, 499.	1.7	24
60	Extensive postâ€ŧranslational processing of potato tuber storage proteins and vacuolar targeting. FEBS Journal, 2011, 278, 4070-4087.	2.2	23
61	Digging into the extracellular matrix of a complex microbial community using a combined metagenomic and metaproteomic approach. Water Science and Technology, 2013, 67, 1650-1656.	1.2	22
62	Proteome stability analysis of snap frozen, RNAlater preserved, and formalin-fixed paraffin-embedded human colon mucosal biopsies. Data in Brief, 2016, 6, 942-947.	0.5	22
63	Rapid Proteome Changes in Plasma and Cerebrospinal Fluid Following Bacterial Infection in Preterm Newborn Pigs. Frontiers in Immunology, 2019, 10, 2651.	2.2	22
64	Degradation of the extracellular matrix is part of the pathology of ulcerative colitis. Molecular Omics, 2019, 15, 67-76.	1.4	21
65	Absence of miRNA-146a Differentially Alters Microglia Function and Proteome. Frontiers in Immunology, 2020, 11, 1110.	2.2	20
66	Mass spectrometric analysis of the in vitro secretome from equine bone marrow-derived mesenchymal stromal cells to assess the effect of chondrogenic differentiation on response to interleukin-1Î ² treatment. Stem Cell Research and Therapy, 2020, 11, 187.	2.4	19
67	Retinal proteome changes following experimental branch retinal vein occlusion and intervention with ranibizumab. Experimental Eye Research, 2016, 152, 49-56.	1.2	18
68	Characterization of rat primary trigeminal satellite glial cells and associated extracellular vesicles under normal and inflammatory conditions. Journal of Proteomics, 2019, 190, 27-34.	1.2	18
69	Identification of Novel Native Autoantigens in Rheumatoid Arthritis. Biomedicines, 2020, 8, 141.	1.4	18
70	The inflammatory response of the supraspinatus muscle in rotator cuff tear conditions. Journal of Shoulder and Elbow Surgery, 2021, 30, e261-e275.	1.2	18
71	Isolation methods commonly used to study the liposomal protein corona suffer from contamination issues. Acta Biomaterialia, 2021, 130, 460-472.	4.1	17
72	SILAC-MS Based Characterization of LPS and Resveratrol Induced Changes in Adipocyte Proteomics – Resveratrol as Ameliorating Factor on LPS Induced Changes. PLoS ONE, 2016, 11, e0159747.	1.1	17

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73	Presence of <scp>HLA</scp> â€ <scp>DR</scp> Molecules and <i><scp>HLA</scp>â€<scp>DRB</scp>1 </i> <scp>mRNA</scp> in Circulating <scp>CD</scp> 4 ⁺ T Cells. Scandinavian Journal of Immunology, 2016, 84, 211-221.	1.3	16
74	Post-translational and transcriptional dynamics – regulating Âextracellular vesicle biology. Expert Review of Proteomics, 2019, 16, 17-31.	1.3	16
75	Dye-Free Porcine Model of Experimental Branch Retinal Vein Occlusion: A Suitable Approach for Retinal Proteomics. Journal of Ophthalmology, 2015, 2015, 1-7.	0.6	15
76	Impact of red and processed meat and fibre intake on treatment outcomes among patients with chronic inflammatory diseases: protocol for a prospective cohort study of prognostic factors and personalised medicine. BMJ Open, 2018, 8, e018166.	0.8	15
77	Fluorescent Labeling of Helminth Extracellular Vesicles Using an In Vivo Whole Organism Approach. Biomedicines, 2020, 8, 213.	1.4	15
78	Mapping of equine mesenchymal stromal cell surface proteomes for identification of specific markers using proteomics and gene expression analysis: an in vitro cross-sectional study. Stem Cell Research and Therapy, 2018, 9, 288.	2.4	14
79	Direct Identification of Functional Amyloid Proteins by Label-Free Quantitative Mass Spectrometry. Biomolecules, 2017, 7, 58.	1.8	13
80	Characterization of phosphoproteins from electrophoretic gels by nanoscale Fe(III) affinity chromatography with off-line mass spectrometry analysis. , 2001, 1, 207.		13
81	Selectivity and stability of alkaline protease AL-89 in hydrophilic solvents. Journal of Molecular Catalysis B: Enzymatic, 2009, 59, 266-273.	1.8	11
82	Direct Site-Directed Photocoupling of Proteins onto Surfaces Coated with β-Cyclodextrins. Langmuir, 2010, 26, 11597-11604.	1.6	11
83	Synthetic growth hormone releasers detected in seized drugs: new trends in the use of drugs for performance enhancement. Addiction, 2015, 110, 368-369.	1.7	11
84	Protein kinase A phosphorylates serine 267 in the homeodomain of engrailed-2 leading to decreased DNA binding. FEBS Letters, 2004, 568, 55-59.	1.3	10
85	Dynein links engulfment and execution of apoptosis via CED-4/Apaf1 in C. elegans. Cell Death and Disease, 2018, 9, 1012.	2.7	10
86	Detection of Glycan Shedding in the Blood: New Class of Multiple Sclerosis Biomarkers?. Frontiers in Immunology, 2018, 9, 1254.	2.2	10
87	Towards identification of novel putative biomarkers for infective endocarditis by serum proteomic analysis. International Journal of Infectious Diseases, 2020, 96, 73-81.	1.5	10
88	Unravelling Heterogeneities in Complement and Antibody Opsonization of Individual Liposomes as a Function of Surface Architecture. Small, 2022, 18, e2106529.	5.2	10
89	Induction of a Regulatory Phenotype in CD3+ CD4+ HLA-DR+ T Cells after Allogeneic Mixed Lymphocyte Culture; Indications of Both Contact-Dependent and -Independent Activation. International Journal of Molecular Sciences, 2017, 18, 1603.	1.8	9
90	Identification of brain antigens recognized by autoantibodies in experimental autoimmune encephalomyelitis-induced animals treated with etomoxir or interferon-β. Scientific Reports, 2018, 8, 7092.	1.6	9

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91	On the functional compartmentalization of the normal middle ear. Morpho-histological modelling parameters of its mucosa. Hearing Research, 2019, 378, 176-184.	0.9	9
92	Proteomic and Unbiased Post-Translational Modification Profiling of Amyloid Plaques and Surrounding Tissue in a Transgenic Mouse Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 73, 393-411.	1.2	9
93	Analysis and purification of O-decanoyl sucrose regio-isomers by reversed phase high pressure liquid chromatography with evaporative light scattering detection. Journal of Chromatography A, 2009, 1216, 4963-4967.	1.8	8
94	Prenatal Endotoxin Exposure Induces Fetal and Neonatal Renal Inflammation via Innate and Th1 Immune Activation in Preterm Pigs. Frontiers in Immunology, 2020, 11, 565484.	2.2	8
95	Early Protein Markers of Necrotizing Enterocolitis in Plasma of Preterm Pigs Exposed to Antibiotics. Frontiers in Immunology, 2020, 11, 565862.	2.2	8
96	Analysis of complement deposition and processing on Chlamydia trachomatis. Medical Microbiology and Immunology, 2021, 210, 13-32.	2.6	8
97	Effects of Salicornia-Based Skin Cream Application on Healthy Humans' Experimental Model of Pain and Itching. Pharmaceuticals, 2022, 15, 150.	1.7	8
98	Gold microâ€particles for knee osteoarthritis. European Journal of Pain, 2022, 26, 811-824.	1.4	8
99	Structural Analyses of Sucrose Laurate Regioisomers by Mass Spectrometry Techniques. Journal of Carbohydrate Chemistry, 2015, 34, 206-214.	0.4	7
100	Modifications of amino acids during ferulic acid-mediated, laccase-catalysed cross-linking of peptides. Free Radical Research, 2009, 43, 1167-1178.	1.5	6
101	Condenser: A statistical aggregation tool for multi-sample quantitative proteomic data from Matrix Science Mascot Distillerâ"¢. Journal of Proteomics, 2014, 103, 261-266.	1.2	6
102	Time-course investigation of Phytophthora infestans infection of potato leaf from three cultivars by quantitative proteomics. Data in Brief, 2016, 6, 238-248.	0.5	6
103	Protein array-based companion diagnostics in precision medicine. Expert Review of Molecular Diagnostics, 2020, 20, 1183-1198.	1.5	6
104	Differential Brain and Cerebrospinal Fluid Proteomic Responses to Acute Prenatal Endotoxin Exposure. Molecular Neurobiology, 2022, 59, 2204-2218.	1.9	6
105	Early-stage inflammation changes in supraspinatus muscle after rotator cuff tear. Journal of Shoulder and Elbow Surgery, 2022, 31, 1344-1356.	1.2	6
106	Proteomics dataset: The colon mucosa from inflammatory bowel disease patients, gastrointestinal asymptomic rheumatoid arthritis patients, and controls. Data in Brief, 2017, 15, 511-516.	0.5	5
107	Dual strategy for reduced signalâ€suppression effects in matrixâ€assisted laser desorption/ionization mass spectrometry imaging. Rapid Communications in Mass Spectrometry, 2019, 33, 1711-1721.	0.7	5
108	Identification of potential autoantigens in anti-CCP-positive and anti-CCP-negative rheumatoid arthritis using citrulline-specific protein arrays. Scientific Reports, 2021, 11, 17300.	1.6	5

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109	Characterization of the porcine synovial fluid proteome and a comparison to the plasma proteome. Data in Brief, 2015, 5, 241-247.	0.5	4
110	Chronic stress induces <scp>NPD</scp> â€like behavior in <scp>APPPS1</scp> and <scp>WT</scp> mice with subtle differences in gene expression. Genes, Brain and Behavior, 2021, 20, e12766.	1.1	4
111	Phosphopeptide Purification by IMAC with Fe(III) and Ga(III). Cold Spring Harbor Protocols, 2007, 2007, pdb.prot4607.	0.2	4
112	Alkaline Phosphatase Treatment of Phosphopeptides: On-Probe Dephosphorylation after MALDI-MS Analysis. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot4612-pdb.prot4612.	0.2	3
113	Functional Proteomic Analysis of Long-term Growth Factor Stimulation and Receptor Tyrosine Kinase Coactivation in Swiss 3T3 Fibroblasts. Molecular and Cellular Proteomics, 2012, 11, 1690-1708.	2.5	3
114	Characterization of a Cell-Culturing System for the Study of Contact-Independent Extracellular Vesicle Communication. Journal of Circulating Biomarkers, 2016, 5, 3.	0.8	3
115	Serum proteome changes and accelerated reduction of fat mass after laparoscopic gastric plication in morbidly obese patients. Journal of Proteomics, 2019, 203, 103373.	1.2	3
116	Simplified Sample Preparation Method for Protein Identification by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry: In-Gel Digestion on the Probe Surface. European Journal of Mass Spectrometry, 2001, 7, 111-121.	0.5	2
117	Physcomitrella HMGA-type proteins display structural differences compared to their higher plant counterparts. Biochemical and Biophysical Research Communications, 2008, 374, 653-657.	1.0	2
118	Alkaline Phosphatase Treatment of Phosphopeptides: In-Solution Dephosphorylation prior to MALDI-MS Analysis. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot4610-pdb.prot4610.	0.2	2
119	Alkaline Phosphatase Treatment of Phosphopeptides: In-Solution Dephosphorylation after MALDI-MS Analysis. Cold Spring Harbor Protocols, 2008, 2008, pdb.prot4611-pdb.prot4611.	0.2	2
120	Proteomic analysis of lipopolysaccharide activated human monocytes. Molecular Immunology, 2018, 103, 257-269.	1.0	2
121	Preparation and Use of Microcolumns for Sample Desalting or Nanoscale IMAC. Cold Spring Harbor Protocols, 2007, 2007, pdb.prot4608.	0.2	2
122	Chapter 5 Phosphorylation-specific analysis strategies for mass spectrometry: enhanced detection of phosphorylated proteins and peptides. Comprehensive Analytical Chemistry, 2005, 46, 275-349.	0.7	1
123	Data from quantitative serum proteomic analysis after laparoscopic gastric plication. Data in Brief, 2019, 25, 104077.	0.5	1
124	Chronic Stress Induces Hippocampal Mitochondrial Damage in APPPS1 Model Mice and Wildtype Littermates. Journal of Alzheimer's Disease, 2022, , 1-14.	1.2	1
125	Modification-Specific Proteomic Strategy for Identification of Glycosyl-Phosphatidylinositol Anchored Membrane Proteins. Principles and Practice, 2004, , 67-79.	0.3	0