

Jean-charles Sanchez

List of Publications by Year in descending order

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166
papers

19,848
citations

26630

56
h-index

11607

135
g-index

171
all docs

171
docs citations

171
times ranked

31387
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep proteomics and phosphoproteomics reveal novel biological pathways perturbed by morphine, morphine- β -glucuronide and morphine- ϵ -glucuronide in human astrocytes. <i>Journal of Neuroscience Research</i> , 2022, 100, 220-236.	2.9	10
2	Potential of heart fatty-acid binding protein, neurofilament light, interleukin-10 and S100 calcium-binding protein B in the acute diagnostics and severity assessment of traumatic brain injury. <i>Emergency Medicine Journal</i> , 2022, 39, 206-212.	1.0	7
3	Morphine-induced modulation of Nrf2-antioxidant response element signaling pathway in primary human brain microvascular endothelial cells. <i>Scientific Reports</i> , 2022, 12, 4588.	3.3	8
4	Role of Clinical Characteristics and Biomarkers at Admission to Predict One-Year Mortality in Elderly Patients with Pneumonia. <i>Journal of Clinical Medicine</i> , 2022, 11, 105.	2.4	6
5	Kinetics of inflammatory biomarkers to predict one-year mortality in older patients hospitalized for pneumonia: a multivariable analysis. <i>International Journal of Infectious Diseases</i> , 2022, 122, 63-69.	3.3	0
6	Intracellular and Extracellular Markers of Lethality in Osteogenesis Imperfecta: A Quantitative Proteomic Approach. <i>International Journal of Molecular Sciences</i> , 2021, 22, 429.	4.1	11
7	Editorial: Biomarkers of Brain Damage – A Complex Challenge With Great Potential. <i>Frontiers in Neurology</i> , 2021, 12, 664445.	2.4	3
8	Ubiquinone Metabolism and Transcription HIF-1 Targets Pathway Are Toxicity Signature Pathways Present in Extracellular Vesicles of Paraquat-Exposed Human Brain Microvascular Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5065.	4.1	3
9	Integrative Multi-omics Analysis to Characterize Human Brain Ischemia. <i>Molecular Neurobiology</i> , 2021, 58, 4107-4121.	4.0	12
10	A Panel Comprising Serum Amyloid A, White Blood Cells and Nihss for the Triage of Patients at Low Risk of Post-Stroke Infection. <i>Diagnostics</i> , 2021, 11, 1070.	2.6	0
11	Accuracy of C-reactive protein, procalcitonin, serum amyloid A and neopterin for low-dose CT-scan confirmed pneumonia in elderly patients: A prospective cohort study. <i>PLoS ONE</i> , 2020, 15, e0239606.	2.5	13
12	Admission Levels of Interleukin 10 and Amyloid β 1–40 Improve the Outcome Prediction Performance of the Helsinki Computed Tomography Score in Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2020, 11, 549527.	2.4	8
13	SAA (Serum Amyloid A). <i>Stroke</i> , 2020, 51, 3523-3530.	2.0	16
14	Admission Levels of Total Tau and β -Amyloid Isoforms 1–40 and 1–42 in Predicting the Outcome of Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2020, 11, 325.	2.4	11
15	Interleukin 10 and Heart Fatty Acid-Binding Protein as Early Outcome Predictors in Patients With Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2020, 11, 376.	2.4	20
16	Multilevel omics for the discovery of biomarkers and therapeutic targets for stroke. <i>Nature Reviews Neurology</i> , 2020, 16, 247-264.	10.1	167
17	Title is missing!. , 2020, 15, e0239606.		0
18	Title is missing!. , 2020, 15, e0239606.		0

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19	Title is missing!. , 2020, 15, e0239606.		0
20	Title is missing!. , 2020, 15, e0239606.		0
21	Protein pathway analysis to study development-dependent effects of acute and repeated trimethyltin (TMT) treatments in 3D rat brain cell cultures. <i>Toxicology in Vitro</i> , 2019, 60, 281-292.	2.4	5
22	An Integrative Multi-Omics Workflow to Address Multifactorial Toxicology Experiments. <i>Metabolites</i> , 2019, 9, 79.	2.9	24
23	Correlation of Blood Biomarkers and Biomarker Panels with Traumatic Findings on Computed Tomography after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 2178-2189.	3.4	56
24	Cerebrospinal Fluid-Derived Microvesicles From Sleeping Sickness Patients Alter Protein Expression in Human Astrocytes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 391.	3.9	6
25	Neopterin and CXCL-13 in Diagnosis and Follow-Up of <i>Trypanosoma brucei gambiense</i> Sleeping Sickness: Lessons from the Field in Angola. <i>BioMed Research International</i> , 2019, 2019, 1-9.	1.9	3
26	3D Cellular Architecture Affects MicroRNA and Protein Cargo of Extracellular Vesicles. <i>Advanced Science</i> , 2019, 6, 1800948.	11.2	91
27	A high glucose level is associated with decreased aspirin-mediated acetylation of platelet cyclooxygenase (COX)-1 at serine 529: A pilot study. <i>Journal of Proteomics</i> , 2019, 192, 258-266.	2.4	9
28	Early Levels of Glial Fibrillary Acidic Protein and Neurofilament Light Protein in Predicting the Outcome of Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 1551-1560.	3.4	56
29	Sleeping Sickness in the Omics Era. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700041.	1.6	7
30	Single Cell Immuno-Laser Microdissection Coupled to Label-Free Proteomics to Reveal the Proteotypes of Human Brain Cells After Ischemia. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 175-189.	3.8	26
31	Shotgun proteomics data on the impact of hyperglycaemia on platelet protein acetylation by aspirin. <i>Data in Brief</i> , 2018, 21, 2475-2481.	1.0	2
32	Profiling the proteomic inflammatory state of human astrocytes using DIA mass spectrometry. <i>Journal of Neuroinflammation</i> , 2018, 15, 331.	7.2	28
33	Palmitate-Induced Insulin Hypersecretion and Later Secretory Decline Associated with Changes in Protein Expression Patterns in Human Pancreatic Islets. <i>Journal of Proteome Research</i> , 2018, 17, 3824-3836.	3.7	8
34	Data for Tandem Mass Tag (TMT) proteomic analysis of the pancreas during the early phase of experimental pancreatitis. <i>Data in Brief</i> , 2018, 20, 779-783.	1.0	0
35	Combining H-FABP and GFAP increases the capacity to differentiate between CT-positive and CT-negative patients with mild traumatic brain injury. <i>PLoS ONE</i> , 2018, 13, e0200394.	2.5	33
36	A tandem mass tag (TMT) proteomic analysis during the early phase of experimental pancreatitis reveals new insights in the disease pathogenesis. <i>Journal of Proteomics</i> , 2018, 181, 190-200.	2.4	10

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37	Early measurement of interleukin-10 predicts the absence of CT scan lesions in mild traumatic brain injury. <i>PLoS ONE</i> , 2018, 13, e0193278.	2.5	39
38	Characterisation of extracellular vesicle subsets derived from brain endothelial cells and analysis of their protein cargo modulation after TNF exposure. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1302705.	12.2	96
39	Proteomic discovery and verification of serum amyloid A as a predictor marker of patients at risk of post-stroke infection: a pilot study. <i>Clinical Proteomics</i> , 2017, 14, 27.	2.1	22
40	H-FABP: A new biomarker to differentiate between CT-positive and CT-negative patients with mild traumatic brain injury. <i>PLoS ONE</i> , 2017, 12, e0175572.	2.5	34
41	Combined lipidomic and proteomic analysis of isolated human islets exposed to palmitate reveals time-dependent changes in insulin secretion and lipid metabolism. <i>PLoS ONE</i> , 2017, 12, e0176391.	2.5	35
42	Infection prediction for aneurysmal subarachnoid hemorrhage patients at hospital admission: combined panel of serum amyloid A and clinical parameters. <i>Journal of Translational Science</i> , 2017, 3, .	0.2	2
43	Evaluation of Antigens for Development of a Serological Test for Human African Trypanosomiasis. <i>PLoS ONE</i> , 2016, 11, e0168074.	2.5	12
44	Diagnostic performance of peroxiredoxin 1 to determine time-of-onset of acute cerebral infarction. <i>Scientific Reports</i> , 2016, 6, 38300.	3.3	22
45	Cerebral ischemic events in patients with pancreatic cancer. <i>Medicine (United States)</i> , 2016, 95, e4009.	1.0	11
46	Highlights of the Biology and Disease-driven Human Proteome Project, 2015–2016. <i>Journal of Proteome Research</i> , 2016, 15, 3979-3987.	3.7	21
47	New molecular insights into modulation of platelet reactivity in aspirin-treated patients using a network-based approach. <i>Human Genetics</i> , 2016, 135, 403-414.	3.8	21
48	Proteomic and lipidomic analyses of paraoxonase defined high density lipoprotein particles: Association of paraoxonase with the anti-coagulant, protein S. <i>Proteomics - Clinical Applications</i> , 2016, 10, 230-238.	1.6	11
49	Neopterin plasma concentrations in patients with aneurysmal subarachnoid hemorrhage: correlation with infection and long-term outcome. <i>Journal of Neurosurgery</i> , 2016, 124, 1287-1299.	1.6	9
50	E-selectin and vascular cell adhesion molecule-1 as biomarkers of 3-month outcome in cerebrovascular diseases. <i>Journal of Inflammation</i> , 2015, 12, 61.	3.4	35
51	Increased acute immune response during the meningo-encephalitic stage of <i>Trypanosoma brucei rhodesiense</i> sleeping sickness compared to <i>Trypanosoma brucei gambiense</i> . <i>Translational Proteomics</i> , 2015, 6, 1-9.	1.2	8
52	Comparative analysis of cerebrospinal fluid from the meningo-encephalitic stage of <i>T. b. gambiense</i> and <i>rhodesiense</i> sleeping sickness patients using TMT quantitative proteomics. <i>Data in Brief</i> , 2015, 4, 400-405.	1.0	2
53	Aspirin-mediated acetylation of haemoglobin increases in presence of high glucose concentration and decreases protein glycation. <i>EuPA Open Proteomics</i> , 2015, 8, 116-127.	2.5	9
54	Measuring Serum Amyloid A for Infection Prediction in Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Proteome Research</i> , 2015, 14, 3948-3956.	3.7	20

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55	Characterisation of the influences of aspirin-acetylation and glycation on human plasma proteins. <i>Journal of Proteomics</i> , 2015, 114, 125-135.	2.4	16
56	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, 154-163.	3.2	5
57	Fractalkine (CX3CL1), a new factor protecting β -cells against TNF α . <i>Molecular Metabolism</i> , 2014, 3, 731-741.	6.5	31
58	Impact of high glucose concentration on aspirin-induced acetylation of human serum albumin: An in vitro study. <i>EuPA Open Proteomics</i> , 2014, 3, 100-113.	2.5	12
59	The magic of words. <i>Journal of Proteomics</i> , 2014, 107, 1-4.	2.4	4
60	Characterization of the platelet granule proteome: Evidence of the presence of MHC1 in alpha-granules. <i>Journal of Proteomics</i> , 2014, 101, 130-140.	2.4	82
61	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, 163-170.	2.4	4
62	Quantitative Analysis of Glycated Proteins. <i>Journal of Proteome Research</i> , 2014, 13, 336-347.	3.7	20
63	The Prognostic Significance of the Serum Biomarker Heart-Fatty Acidic Binding Protein in Comparison with S100b in Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 1631-1637.	3.4	26
64	PanelomiX: A threshold-based algorithm to create panels of biomarkers. <i>Translational Proteomics</i> , 2013, 1, 57-64.	1.2	29
65	Translation of human African trypanosomiasis biomarkers towards field application. <i>Translational Proteomics</i> , 2013, 1, 12-24.	1.2	7
66	EasyProt " An easy-to-use graphical platform for proteomics data analysis. <i>Journal of Proteomics</i> , 2013, 79, 146-160.	2.4	57
67	From brain to blood: New biomarkers for ischemic stroke prognosis. <i>Journal of Proteomics</i> , 2013, 94, 138-148.	2.4	28
68	Unraveling modulators of platelet reactivity in cardiovascular patients using omics strategies: Towards a network biology paradigm. <i>Translational Proteomics</i> , 2013, 1, 25-37.	1.2	5
69	New biomarkers for stage determination in <i>Trypanosoma brucei rhodesiense</i> sleeping sickness patients. <i>Clinical and Translational Medicine</i> , 2013, 2, 1.	4.0	52
70	Neopterin Is a Cerebrospinal Fluid Marker for Treatment Outcome Evaluation in Patients Affected by <i>Trypanosoma brucei gambiense</i> Sleeping Sickness. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2088.	3.0	25
71	Nucleolin Interacts with US11 Protein of Herpes Simplex Virus 1 and Is Involved in Its Trafficking. <i>Journal of Virology</i> , 2012, 86, 1449-1457.	3.4	41
72	Modulation of Neuronal Pentraxin 1 Expression in Rat Pancreatic β -Cells Submitted to Chronic Glucotoxic Stress. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 244-254.	3.8	21

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73	Improved characterization of the insulin secretory granule proteomes. <i>Journal of Proteomics</i> , 2012, 75, 4620-4631.	2.4	46
74	Cerebrospinal Fluid Neopterin as Marker of the Meningo-Encephalitic Stage of <i>Trypanosoma brucei gambiense</i> Sleeping Sickness. <i>PLoS ONE</i> , 2012, 7, e40909.	2.5	41
75	Platelet proteomics. <i>Mass Spectrometry Reviews</i> , 2012, 31, 331-351.	5.4	43
76	Blood Glutathione S-Transferase- γ as a Time Indicator of Stroke Onset. <i>PLoS ONE</i> , 2012, 7, e43830.	2.5	27
77	Brain Extracellular Fluid Protein Changes in Acute Stroke Patients. <i>Journal of Proteome Research</i> , 2011, 10, 1043-1051.	3.7	90
78	General Statistical Modeling of Data from Protein Relative Expression Isobaric Tags. <i>Journal of Proteome Research</i> , 2011, 10, 2758-2766.	3.7	120
79	Matrix metalloproteinase-9 and intercellular adhesion molecule 1 are powerful staging markers for human African trypanosomiasis. <i>Tropical Medicine and International Health</i> , 2011, 16, 119-126.	2.3	33
80	pROC: an open-source package for R and S+ to analyze and compare ROC curves. <i>BMC Bioinformatics</i> , 2011, 12, 77.	2.6	8,498
81	Cysteine tagging for MS-based proteomics. <i>Mass Spectrometry Reviews</i> , 2011, 30, 366-395.	5.4	64
82	A multiparameter panel method for outcome prediction following aneurysmal subarachnoid hemorrhage. <i>Intensive Care Medicine</i> , 2010, 36, 107-115.	8.2	75
83	Combining low- and high-energy tandem mass spectra for optimized peptide quantification with isobaric tags. <i>Journal of Proteomics</i> , 2010, 73, 769-777.	2.4	99
84	Early activation of the fatty acid metabolism pathway by chronic high glucose exposure in rat insulin secretory β -cells. <i>Proteomics</i> , 2010, 10, 59-71.	2.2	14
85	Glycation Isotopic Labeling with ^{13}C -Reducing Sugars for Quantitative Analysis of Glycated Proteins in Human Plasma. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 579-592.	3.8	70
86	Discovery and Verification of Osteopontin and Beta-2-microglobulin as Promising Markers for Staging Human African Trypanosomiasis. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 2783-2795.	3.8	46
87	The cell-envelope proteome of <i>Bifidobacterium longum</i> in an in vitro bile environment. <i>Microbiology (United Kingdom)</i> , 2009, 155, 957-967.	1.8	82
88	Proteomics of regulated secretory organelles. <i>Mass Spectrometry Reviews</i> , 2009, 28, 844-867.	5.4	27
89	Cysteine-reactive covalent capture tags for enrichment of cysteine-containing peptides. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3377-3386.	1.5	10
90	Glucotoxicity and pancreatic proteomics. <i>Journal of Proteomics</i> , 2009, 71, 576-591.	2.4	59

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91	Enrichment of N-terminal cysteinyl-peptides by covalent capture. <i>Journal of Proteomics</i> , 2009, 71, 647-661.	2.4	13
92	Bioinformatics for protein biomarker panel classification: what is needed to bring biomarker panels into <i>in vitro</i> diagnostics?. <i>Expert Review of Proteomics</i> , 2009, 6, 675-689.	3.0	51
93	A Combined CXCL10, CXCL8 and H-FABP Panel for the Staging of Human African Trypanosomiasis Patients. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e459.	3.0	62
94	Relative Quantification of Proteins in Human Cerebrospinal Fluids by MS/MS Using 6-Plex Isobaric Tags. <i>Analytical Chemistry</i> , 2008, 80, 2921-2931.	6.5	530
95	A Clinical Molecular Scanner to Study Human Proteome Complexity. <i>Novartis Foundation Symposium</i> , 2008, 229, 33-40.	1.1	2
96	Detection of Biomarkers of Stroke Using SELDI-TOF. , 2007, 357, 343-350.		1
97	Inhibition of Insulin Secretion by Betagranin, an N-terminal Chromogranin A Fragment. <i>Journal of Biological Chemistry</i> , 2007, 282, 12717-12724.	3.4	19
98	Proteomics Analysis of Insulin Secretory Granules. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1007-1017.	3.8	145
99	Labeling of <i>Bifidobacterium longum</i> Cells with 13 C-Substituted Leucine for Quantitative Proteomic Analyses. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5653-5656.	3.1	11
100	MSight: An image analysis software for liquid chromatography-mass spectrometry. <i>Proteomics</i> , 2005, 5, 2381-2384.	2.2	139
101	SPS' Digest: The Swiss Proteomics Society selection of proteomics articles. <i>Proteomics</i> , 2005, 5, 3045-3047.	2.2	0
102	Gold coating of non-conductive membranes before matrix-assisted laser desorption/ionization tandem mass spectrometric analysis prevents charging effect. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 605-610.	1.5	35
103	PARK7 and Nucleoside Diphosphate Kinase A as Plasma Markers for the Early Diagnosis of Stroke. <i>Clinical Chemistry</i> , 2005, 51, 2043-2051.	3.2	129
104	Heart-Fatty Acid-Binding Protein as a Marker for Early Detection of Acute Myocardial Infarction and Stroke. <i>Molecular Diagnosis and Therapy</i> , 2005, 9, 1-7.	1.1	21
105	Correlation of proteomic and transcriptomic profiles of <i>Staphylococcus aureus</i> during the post-exponential phase of growth. <i>Journal of Microbiological Methods</i> , 2005, 60, 247-257.	1.6	59
106	Fatty Acid Binding Protein as a Serum Marker for the Early Diagnosis of Stroke. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 66-72.	3.8	125
107	Nonredundant mass spectrometry: A strategy to integrate mass spectrometry acquisition and analysis. <i>Proteomics</i> , 2004, 4, 917-927.	2.2	34
108	Cystatin C as a potential cerebrospinal fluid marker for the diagnosis of Creutzfeldt-Jakob disease. <i>Proteomics</i> , 2004, 4, 2229-2233.	2.2	95

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109	Identification of post-mortem cerebrospinal fluid proteins as potential biomarkers of ischemia and neurodegeneration. <i>Proteomics</i> , 2004, 4, 2234-2241.	2.2	92
110	Mining mass spectra for diagnosis and biomarker discovery of cerebral accidents. <i>Proteomics</i> , 2004, 4, 2320-2332.	2.2	70
111	N-t-butyliodoacetamide and iodoacetanilide: two new cysteine alkylating reagents for relative quantitation of proteins. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 117-127.	1.5	37
112	A panel of cerebrospinal fluid potential biomarkers for the diagnosis of Alzheimer's disease. <i>Proteomics</i> , 2003, 3, 1486-1494.	2.2	344
113	Effect of rosiglitazone on the differential expression of obesity and insulin resistance associated proteins in lep/lep mice. <i>Proteomics</i> , 2003, 3, 1500-1520.	2.2	60
114	Exploitation of specific properties of trifluoroethanol for extraction and separation of membrane proteins. <i>Proteomics</i> , 2003, 3, 1418-1424.	2.2	74
115	Proteomics in clinical and fundamental medicine. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2002, 62, 7-7.	1.2	0
116	Effect of Rosiglitazone on the Differential Expression of Diabetes-associated Proteins in Pancreatic Islets of C57Bl/6 lep/lep Mice. <i>Molecular and Cellular Proteomics</i> , 2002, 1, 509-516.	3.8	65
117	Functional Proteomic Analysis of Human Nucleolus. <i>Molecular Biology of the Cell</i> , 2002, 13, 4100-4109.	2.1	454
118	Proteomics and its trends facing nature's complexity. <i>Proteomics</i> , 2002, 2, 807.	2.2	81
119	Matrix-assisted laser desorption/ionization-tandem mass spectrometry with high resolution and sensitivity for identification and characterization of proteins. <i>Proteomics</i> , 2002, 2, 868.	2.2	144
120	Hydrogen/deuterium exchange for higher specificity of protein identification by peptide mass fingerprinting. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 616-626.	1.5	18
121	The dynamic range of protein expression: A challenge for proteomic research. <i>Electrophoresis</i> , 2000, 21, 1104-1115.	2.4	603
122	Proteomics meets cell biology: The establishment of subcellular proteomes. <i>Electrophoresis</i> , 2000, 21, 3369-3377.	2.4	181
123	The establishment of a human liver nuclei two-dimensional electrophoresis reference map. <i>Electrophoresis</i> , 2000, 21, 3483-3487.	2.4	40
124	Changes induced by oxygen in rat liver proteins identified by high-resolution two-dimensional gel electrophoresis. <i>FEBS Journal</i> , 2000, 267, 5580-5584.	0.2	6
125	The dynamic range of protein expression: A challenge for proteomic research. <i>Electrophoresis</i> , 2000, 21, 1104-1115.	2.4	13
126	Modified expression of plasma glutathione peroxidase and manganese superoxide dismutase in human renal cell carcinoma. <i>Electrophoresis</i> , 1999, 20, 3458-3466.	2.4	55

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127	Improving protein identification from peptide mass fingerprinting through a parameterized multi-level scoring algorithm and an optimized peak detection. <i>Electrophoresis</i> , 1999, 20, 3535-3550.	2.4	140
128	Two-dimensional electrophoresis resources available from ExpASY. <i>Electrophoresis</i> , 1999, 20, 3568-3571.	2.4	47
129	A Molecular Scanner To Automate Proteomic Research and To Display Proteome Images. <i>Analytical Chemistry</i> , 1999, 71, 4981-4988.	6.5	127
130	A gene encoding a novel RFX-associated transactivator is mutated in the majority of MHC class II deficiency patients. <i>Nature Genetics</i> , 1998, 20, 273-277.	21.4	262
131	A two-dimensional electrophoretic study of serum amyloid A and C-reactive protein in infants and children. <i>Electrophoresis</i> , 1998, 19, 776-781.	2.4	11
132	Extraction of membrane proteins by differential solubilization for separation using two-dimensional gel electrophoresis. <i>Electrophoresis</i> , 1998, 19, 837-844.	2.4	507
133	Two-dimensional gel electrophoresis for proteome projects: The effects of protein hydrophobicity and copy number. <i>Electrophoresis</i> , 1998, 19, 1501-1505.	2.4	196
134	Towards an automated approach for protein identification in proteome projects. <i>Electrophoresis</i> , 1998, 19, 1941-1949.	2.4	100
135	'98Escherichia coli SWISS-2DPAGE database update. <i>Electrophoresis</i> , 1998, 19, 1960-1971.	2.4	90
136	Multiple parameter cross-species protein identification using MultiIdent - a world-wide web accessible tool. <i>Electrophoresis</i> , 1998, 19, 3199-3206.	2.4	60
137	Elevation of apolipoprotein E in the CSF of cattle affected by BSE. <i>FEBS Letters</i> , 1997, 416, 161-163.	2.8	27
138	Translationally controlled tumor protein: A protein identified in several nontumoral cells including erythrocytes. <i>Electrophoresis</i> , 1997, 18, 150-155.	2.4	141
139	Improved and simplified in-gel sample application using reswelling of dry immobilized pH gradients. <i>Electrophoresis</i> , 1997, 18, 324-327.	2.4	319
140	Detailed peptide characterization using PEPTIDEMASS - a World-Wide-Web-accessible tool. <i>Electrophoresis</i> , 1997, 18, 403-408.	2.4	334
141	TheDictyostelium discoideum proteome - the SWISS-2DPAGE database of the multicellular aggregate (slug). <i>Electrophoresis</i> , 1997, 18, 491-497.	2.4	29
142	Large-scale protein modelling and integration with the SWISS-PROT and SWISS-2DPAGE databases: The example ofEscherichia coli. <i>Electrophoresis</i> , 1997, 18, 498-501.	2.4	59
143	Spermatocytes and round spermatids of rat testis: The difference betweenin vivo andin vitro protein patterns. <i>Electrophoresis</i> , 1997, 18, 548-552.	2.4	19
144	Renal cell carcinoma and normal kidney protein expression. <i>Electrophoresis</i> , 1997, 18, 599-604.	2.4	131

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145	Specific sample preparation in colorectal cancer. <i>Electrophoresis</i> , 1997, 18, 622-624.	2.4	28
146	Simultaneous analysis of cyclin and oncogene expression using multiple monoclonal antibody immunoblots. <i>Electrophoresis</i> , 1997, 18, 638-641.	2.4	35
147	A role for Edman degradation in proteome studies. <i>Electrophoresis</i> , 1997, 18, 1068-1072.	2.4	45
148	Melanie II - a third-generation software package for analysis of two-dimensional electrophoresis images: I. Features and user interface. <i>Electrophoresis</i> , 1997, 18, 2724-2734.	2.4	156
149	Make2ddb: A simple package to set up a two-dimensional electrophoresis database for the World Wide Web. <i>Electrophoresis</i> , 1997, 18, 2755-2758.	2.4	24
150	A two-dimensional protein map of human amniotic fluid at 17 weeks' gestation. <i>Electrophoresis</i> , 1997, 18, 2816-2822.	2.4	49
151	Protein expression profiles in human breast ductal carcinoma and histologically normal tissue. <i>Electrophoresis</i> , 1997, 18, 2832-2841.	2.4	278
152	Standardized characterization of gene expression in human colorectal epithelium by two-dimensional electrophoresis. <i>Electrophoresis</i> , 1997, 18, 2842-2848.	2.4	54
153	Federated two-dimensional electrophoresis database: A simple means of publishing two-dimensional electrophoresis data. <i>Electrophoresis</i> , 1996, 17, 540-546.	2.4	149
154	Two-dimensional gel electrophoresis of <i>Escherichia coli</i> homogenates: The <i>Escherichia coli</i> SWISS-2DPAGE database. <i>Electrophoresis</i> , 1996, 17, 547-555.	2.4	80
155	Identification of proteins by their amino acid composition: An evaluation of the method. <i>Electrophoresis</i> , 1996, 17, 573-579.	2.4	53
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