

Martina Marchetti-Deschmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6252822/publications.pdf>

Version: 2024-02-01

131
papers

2,535
citations

201575

27
h-index

276775

41
g-index

134
all docs

134
docs citations

134
times ranked

3848
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy protects murine preputial glands against premature aging, and controls their sebum phospholipid and pheromone profile. <i>Autophagy</i> , 2022, 18, 1005-1019.	4.3	6
2	Research Techniques Made Simple: Lipidomic Analysis in Skin Research. <i>Journal of Investigative Dermatology</i> , 2022, 142, 4-11.e1.	0.3	4
3	FT-ICR Mass Spectrometry Imaging at Extreme Mass Resolving Power Using a Dynamically Harmonized ICR Cell with 1% or 2% Detection. <i>Analytical Chemistry</i> , 2022, 94, 9316-9326.	3.2	10
4	Toolbox for the Extraction and Quantification of Ochratoxin A and Ochratoxin Alpha Applicable for Different Pig and Poultry Matrices. <i>Toxins</i> , 2022, 14, 432.	1.5	2
5	Epilipidomics of Senescent Dermal Fibroblasts Identify Lysophosphatidylcholines as Pleiotropic Senescence-Associated Secretory Phenotype (SASP) Factors. <i>Journal of Investigative Dermatology</i> , 2021, 141, 993-1006.e15.	0.3	37
6	Revisiting amino acid analyses for bioadhesives including a direct comparison of tick attachment cement (<i>Dermacentor marginatus</i>) and barnacle cement (<i>Lepas anatifera</i>). <i>International Journal of Adhesion and Adhesives</i> , 2021, 105, 102798.	1.4	6
7	Sample preparation of bone tissue for MALDI-MSI for forensic and (pre)clinical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2683-2694.	1.9	27
8	Monitoring the neurotransmitter release of human midbrain organoids using a redox cycling microsensor as a novel tool for personalized Parkinson's disease modelling and drug screening. <i>Analyst</i> , 2021, 146, 2358-2367.	1.7	22
9	Online hyphenation of size-exclusion chromatography and gas-phase electrophoresis facilitates the characterization of protein aggregates. <i>Electrophoresis</i> , 2021, 42, 1202-1208.	1.3	1
10	Characterisation of the Antibiotic Profile of <i>Lysobacter capsici</i> AZ78, an Effective Biological Control Agent of Plant Pathogenic Microorganisms. <i>Microorganisms</i> , 2021, 9, 1320.	1.6	16
11	nES-DMA with Charge-reduction based on Soft X-ray Radiation: Analysis of a Recombinant Monoclonal Antibody. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1182, 122925.	1.2	1
12	Nano electrospray differential mobility analysis based size-selection of liposomes and very-low density lipoprotein particles for offline hyphenation to MALDI mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 112998.	1.4	4
13	The rhizosphere signature on the cell motility, biofilm formation and secondary metabolite production of a plant-associated <i>Lysobacter</i> strain. <i>Microbiological Research</i> , 2020, 234, 126424.	2.5	33
14	Temporal changes guided by mesenchymal stem cells on a 3D microgel platform enhance angiogenesis in vivo at a low-cell dose. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19033-19044.	3.3	45
15	Critical considerations for trimethylsilyl derivatives of 24 primary metabolites measured by gas chromatography-tandem mass spectrometry. <i>Separation Science Plus</i> , 2020, 3, 407-418.	0.3	9
16	Quality-Related Properties of Equine Immunoglobulins Purified by Different Approaches. <i>Toxins</i> , 2020, 12, 798.	1.5	7
17	Correlated Multimodal Imaging in Life Sciences: Expanding the Biomedical Horizon. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	61
18	The Skin Epilipidome in Stress, Aging, and Inflammation. <i>Frontiers in Endocrinology</i> , 2020, 11, 607076.	1.5	15

#	ARTICLE	IF	CITATIONS
19	Streamlined downstream process for efficient and sustainable (Fab') ₂ antivenom preparation. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20200025.	0.8	4
20	Refinement strategy for antivenom preparation of high yield and quality. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007431.	1.3	17
21	Biomechanical properties of fishing lines of the glowworm <i>Arachnocampa luminosa</i> (Diptera); Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	11
22	Optimization of MALDI-TOF mass spectrometry imaging for the visualization and comparison of peptide distributions in dry-cured ham muscle fibers. <i>Food Chemistry</i> , 2019, 283, 275-286.	4.2	30
23	Optimization of sample preparation for intact cell mass spectrometry (matrix-assisted laser) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Communications in Mass Spectrometry, 2018, 32, 815-823.	0.7	2
24	Size and molecular weight determination of polysaccharides by means of nano electrospray gas-phase electrophoretic mobility molecular analysis (nES GEMMA). <i>Electrophoresis</i> , 2018, 39, 1142-1150.	1.3	12
25	Vinylsulfonateester: Effiziente Kettenübertragungsreagenzien für verzögerungsfreien 3D-Druck schlagzähher Photopolymere. <i>Angewandte Chemie</i> , 2018, 130, 9305-9310.	1.6	4
26	Vinyl Sulfonate Esters: Efficient Chain Transfer Agents for the 3D Printing of Tough Photopolymers without Retardation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9165-9169.	7.2	44
27	Multimodal imaging of undecalcified tissue sections by MALDI MS and ¹²⁹ XRF. <i>Analyst, The</i> , 2018, 143, 2587-2595.	1.7	29
28	Tick attachment cement – Reviewing the mysteries of a biological skin plug system. <i>Biological Reviews</i> , 2018, 93, 1056-1076.	4.7	59
29	Mass spectrometry-based investigation of measles and mumps virus proteome. <i>Virology Journal</i> , 2018, 15, 160.	1.4	10
30	Innentitelbild: Grüne und rasche hydrothermale Kristallisation und Synthese vollständig konjugierter aromatischer Verbindungen (Angew. Chem. 38/2018). <i>Angewandte Chemie</i> , 2018, 130, 12358-12358.	1.6	0
31	Multisensor Imaging – From Sample Preparation to Integrated Multimodal Interpretation of LA-ICPMS and MALDI MS Imaging Data. <i>Analytical Chemistry</i> , 2018, 90, 8831-8837.	3.2	30
32	Phosphonate coating of SiO ₂ nanoparticles abrogates inflammatory effects and local changes of the lipid composition in the rat lung: a complementary bioimaging study. <i>Particle and Fibre Toxicology</i> , 2018, 15, 31.	2.8	14
33	Grüne und rasche hydrothermale Kristallisation und Synthese vollständig konjugierter aromatischer Verbindungen. <i>Angewandte Chemie</i> , 2018, 130, 12450-12454.	1.6	13
34	Green and Rapid Hydrothermal Crystallization and Synthesis of Fully Conjugated Aromatic Compounds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12270-12274.	7.2	62
35	<i>Trichoderma reesei</i> xylanase 5 is defective in the reference strain QM6a but functional alleles are present in other wild-type strains. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4139-4149.	1.7	10
36	Light-Triggered Radical Silane-Ene Chemistry Using a Monosubstituted Bis(trimethylsilyl)silane. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600563.	1.1	6

#	ARTICLE	IF	CITATIONS
37	Synthesis, characterization and printing application of alkylated indolo[3,2-b]carbazoles. <i>Synthetic Metals</i> , 2017, 228, 9-17.	2.1	16
38	Horseradish esterases: detection, purification and identification. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 13-24.	1.2	0
39	Green and highly efficient synthesis of perylene and naphthalene bisimides in nothing but water. <i>Chemical Communications</i> , 2017, 53, 1229-1232.	2.2	41
40	Color Fine-tuning of Optical Materials Through Rational Design. <i>ChemPhysChem</i> , 2017, 18, 549-563.	1.0	15
41	Microchip capillary gel electrophoresis combined with lectin affinity enrichment employing magnetic beads for glycoprotein analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6625-6634.	1.9	7
42	Chemical characterization of the adhesive secretions of the salamander <i>Plethodon shermani</i> (Caudata, Plethodontidae). <i>Scientific Reports</i> , 2017, 7, 6647.	1.6	20
43	Soft X-ray Radiation Applied in the Analysis of Intact Viruses and Antibodies by Means of Nano Electrospray Differential Mobility Analysis. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2017, , 149-157.	0.5	3
44	In Situ Characterization of Tissue-Resident Immune Cells by MALDI Mass Spectrometry Imaging. <i>Journal of Proteome Research</i> , 2017, 16, 65-76.	1.8	37
45	nES GEMMA Analysis of Lectins and Their Interactions with Glycoproteins – Separation, Detection, and Sampling of Noncovalent Biospecific Complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 77-86.	1.2	8
46	Examples of Bioadhesives for Defence and Predation. <i>Biologically-inspired Systems</i> , 2017, , 141-191.	0.4	10
47	Visualizing fungal metabolites during mycoparasitic interaction by MALDI mass spectrometry imaging. <i>Proteomics</i> , 2016, 16, 1742-1746.	1.3	34
48	Identification of <i>Bremia lactucae</i> and <i>Oidium neolycopersici</i> proteins extracted for intact spore MALDI mass spectrometric biotyping. <i>Electrophoresis</i> , 2016, 37, 2940-2952.	1.3	6
49	Combining gas-phase electrophoretic mobility molecular analysis (GEMMA), light scattering, field flow fractionation and cryo electron microscopy in a multidimensional approach to characterize liposomal carrier vesicles. <i>International Journal of Pharmaceutics</i> , 2016, 513, 309-318.	2.6	19
50	Nano electrospray gas-phase electrophoretic mobility molecular analysis (nES GEMMA) of liposomes: applicability of the technique for nano vesicle batch control. <i>Analyst</i> , 2016, 141, 6042-6050.	1.7	15
51	EuPA News from the EuPA Conference and Communication Committee (CCC). <i>EuPA Open Proteomics</i> , 2016, 11, 30.	2.5	0
52	Determining and characterizing hapten loads for carrier proteins by MALDI-TOF MS and MALDI-TOF/RTOF MS. <i>Methods</i> , 2016, 104, 55-62.	1.9	4
53	Identification of mumps virus protein and lipid composition by mass spectrometry. <i>Virology Journal</i> , 2016, 13, 9.	1.4	9
54	Optimization of tetanus toxoid ammonium sulfate precipitation process using response surface methodology. <i>Preparative Biochemistry and Biotechnology</i> , 2016, 46, 695-703.	1.0	5

#	ARTICLE	IF	CITATIONS
55	Matrix assisted laser desorption ionization mass spectrometry linear time-of-flight method for white wine fingerprinting and classification. <i>Food Control</i> , 2016, 64, 157-164.	2.8	22
56	Characterization of the Fishing Lines in Titiwai (=Arachnocampa luminosa Skuse, 1890) from New Zealand and Australia. <i>PLoS ONE</i> , 2016, 11, e0162687.	1.1	13
57	Protein functional analysis data in support of comparative proteomics of the pathogenic black yeast <i>Exophiala dermatitidis</i> under different temperature conditions. <i>Data in Brief</i> , 2015, 5, 372-375.	0.5	2
58	Tremendous progress in proteomics and metabolomics in Central and Eastern Europe. <i>Expert Review of Proteomics</i> , 2015, 12, 9-11.	1.3	7
59	Analysis of a Common Cold Virus and Its Subviral Particles by Gas-Phase Electrophoretic Mobility Molecular Analysis and Native Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 8709-8717.	3.2	37
60	Comprehensive Size-Determination of Whole Virus Vaccine Particles Using Gas-Phase Electrophoretic Mobility Macromolecular Analyzer, Atomic Force Microscopy, and Transmission Electron Microscopy. <i>Analytical Chemistry</i> , 2015, 87, 8657-8664.	3.2	18
61	Substituted triphenylamines as building blocks for star shaped organic electronic materials. <i>New Journal of Chemistry</i> , 2015, 39, 1840-1851.	1.4	21
62	Challenges of glycoprotein analysis by microchip capillary gel electrophoresis. <i>Electrophoresis</i> , 2015, 36, 1754-1758.	1.3	16
63	Sensitive detection of C-reactive protein in serum by immunoprecipitation+microchip capillary gel electrophoresis. <i>Analytical Biochemistry</i> , 2015, 478, 102-106.	1.1	10
64	Mass spectrometric imaging of in vivo protein and lipid adsorption on biodegradable vascular replacement systems. <i>Analyst</i> , 2015, 140, 6089-6099.	1.7	9
65	Proteome of tolerance fine-tuning in the human pathogen black yeast <i>Exophiala dermatitidis</i> . <i>Journal of Proteomics</i> , 2015, 128, 39-57.	1.2	19
66	Intact cell mass spectrometry as a progress tracking tool for batch and fed-batch fermentation processes. <i>Analytical Biochemistry</i> , 2015, 470, 25-33.	1.1	4
67	Biodegradable, thermoplastic polyurethane grafts for small diameter vascular replacements. <i>Acta Biomaterialia</i> , 2015, 11, 104-113.	4.1	107
68	Evaluation of Pseudotrypsin Cleavage Specificity Towards Proteins by MALDI-TOF Mass Spectrometry. <i>Protein and Peptide Letters</i> , 2015, 22, 1123-1132.	0.4	7
69	Chip electrophoretic separation of highly homologous ammodytoxin isoforms: Three neurotoxic phospholipases A ₂ of <i>Vipera ammodytes ammodytes</i> venom. <i>Electrophoresis</i> , 2014, 35, 2137-2145.	1.3	0
70	Identification of proteins interacting with ammodytoxins in <i>Vipera ammodytes ammodytes</i> venom by immuno-affinity chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 293-304.	1.9	17
71	Biomimetic Delivery Strategies at the Urothelium: Targeted Cytoinvasion in Bladder Cancer Cells via Lectin Bioconjugates. <i>Pharmaceutical Research</i> , 2014, 31, 819-832.	1.7	14
72	Sizing up large protein complexes by electrospray ionisation-based electrophoretic mobility and native mass spectrometry: morphology selective binding of Fabs to hepatitis B virus capsids. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1437-1446.	1.9	30

#	ARTICLE	IF	CITATIONS
73	VaSP1, catalytically active serine proteinase from <i>Vipera ammodytes ammodytes</i> venom with unconventional active site triad. <i>Toxicon</i> , 2014, 77, 93-104.	0.8	8
74	Development of a bio-analytical strategy for characterization of vaccine particles combining SEC and nanoES GEMMA. <i>Analyst, The</i> , 2014, 139, 1412-1419.	1.7	14
75	Application of gold thin-films for internal standardization in LA-ICP-MS imaging experiments. <i>Analyst, The</i> , 2014, 139, 1521.	1.7	52
76	Proteome profiling illustrated by a large-scale fed-batch fermentation of <i>Penicillium chrysogenum</i> . <i>EuPA Open Proteomics</i> , 2014, 4, 113-120.	2.5	3
77	Improved sample preparation for intact cell mass spectrometry (biotyping) of mycelium samples taken from a batch fermentation process of <i>Penicillium chrysogenum</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 957-964.	0.7	4
78	MALDI-TOF Mass Spectrometry Imaging Reveals Molecular Level Changes in Ultrahigh Molecular Weight Polyethylene Joint Implants in Correlation with Lipid Adsorption. <i>Analytical Chemistry</i> , 2014, 86, 9723-9732.	3.2	14
79	Characterization of on-target generated tryptic peptides from <i>Giberella zeae</i> conidia spore proteins by means of matrix-assisted laser desorption/ionization mass spectrometry. <i>Molecular and Cellular Probes</i> , 2014, 28, 91-98.	0.9	4
80	Synovial fluid protein adsorption on polymer-based artificial hip joint material investigated by MALDI-TOF mass spectrometry imaging. <i>EuPA Open Proteomics</i> , 2014, 4, 70-80.	2.5	8
81	Liquid phase separation of proteins based on electrophoretic effects in an electrospray setup during sample introduction into a gas-phase electrophoretic mobility molecular analyzer (CE-GEMMA/CE-ES-DMA). <i>Analytica Chimica Acta</i> , 2014, 841, 91-98.	2.6	12
82	Analysis of Bio-nanoparticles by Means of Nano ES in Combination with DMA and PDMA: Intact Viruses, Virus-Like-Particles and Vaccine Particles. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2014, , 133-147.	0.5	0
83	Combining light microscopy, dielectric spectroscopy, MALDI intact cell mass spectrometry, FTIR spectromicroscopy and multivariate data mining for morphological and physiological bioprocess characterization of filamentous organisms. <i>Fungal Genetics and Biology</i> , 2013, 51, 1-11.	0.9	19
84	Characterization of cross-linked gelatin nanoparticles by electrophoretic techniques in the liquid and the gas phase. <i>Electrophoresis</i> , 2013, 34, 3267-3276.	1.3	16
85	Proteomics imaging and the kidney. <i>Journal of Nephrology</i> , 2013, 26, 430-436.	0.9	14
86	Chip electrophoresis of gelatin-based nanoparticles. <i>Electrophoresis</i> , 2013, 34, 2152-2161.	1.3	8
87	Inhibition of extracellular lipase from <i>Streptomyces rimosus</i> with 3,4-dichloroisocoumarin. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 1094-1104.	2.5	3
88	Renopathological Microstructure Visualization From Formalin Fixed Kidney Tissue by Matrix-assisted Laser/Desorption Ionization-Time-Offlight Mass Spectrometry Imaging. <i>Balkan Journal of Medical Genetics</i> , 2012, 15, 13-16.	0.5	3
89	How many spots with missing values can be tolerated in quantitative two-dimensional gel electrophoresis when applying univariate statistics?. <i>Journal of Proteomics</i> , 2012, 75, 1792-1802.	1.2	5
90	Lectin bioconjugates trigger urothelial cytoinvasion – A glycotargeted approach for improved intravesical drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 82, 367-375.	2.0	28

#	ARTICLE	IF	CITATIONS
91	MALDI-based intact spore mass spectrometry of downy and powdery mildews. <i>Journal of Mass Spectrometry</i> , 2012, 47, 978-986.	0.7	21
92	Microchip capillary gel electrophoresis of multiply PEGylated high-molecular-mass glycoproteins. <i>Biotechnology Journal</i> , 2012, 7, 635-641.	1.8	11
93	Chromatography, mass spectrometry, and molecular modeling studies on ammodytoxins. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2737-2748.	1.9	4
94	Ammodytagin, a heterodimeric metalloproteinase from <i>Vipera ammodytes ammodytes</i> venom with strong hemorrhagic activity. <i>Toxicon</i> , 2011, 58, 570-582.	0.8	18
95	A comparative proteome analysis links tyrosine kinase 2 (Tyk2) to the regulation of cellular glucose and lipid metabolism in response to poly(I:C). <i>Journal of Proteomics</i> , 2011, 74, 2866-2880.	1.2	17
96	Immunoprecipitation combined with microchip capillary gel electrophoresis: Detection and quantification of Î²-galactosidase from crude <i>E. coli</i> cell lysate. <i>Biotechnology Journal</i> , 2011, 6, 420-427.	1.8	8
97	Fast wheat variety classification by capillary gel electrophoresis-on-a-chip after single-step one-grain high molecular weight glutenin extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2403-2414.	1.9	10
98	Studying disulfide bond rearrangement by MALDI-TOF PSD and MALDI-TOF/TOF high-energy CID (20 keV) experiments of peptides derived from ammodytoxins. <i>Journal of Mass Spectrometry</i> , 2011, 46, 153-162.	0.7	10
99	Intraspecies variability in <i>Vipera ammodytes ammodytes</i> venom related to its toxicity and immunogenic potential. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 153, 223-230.	1.3	11
100	Mass spectrometry – One of the pillars of proteomics. <i>Journal of Proteomics</i> , 2011, 74, 915-919.	1.2	4
101	Intact Cell/Spore Mass Spectrometry of <i>Fusarium Macro Conidia</i> for Fast Isolate and Species Differentiation. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2011, , 47-63.	0.5	4
102	A fluorescent derivatization method of proteins for the detection of low-level impurities by microchip capillary gel electrophoresis. <i>Electrophoresis</i> , 2010, 31, 611-617.	1.3	15
103	Molecular weight determination of high molecular mass (glyco)proteins using CGE-on-a-chip, planar SDS-PAGE and MALDI-TOF-MS. <i>Electrophoresis</i> , 2010, 31, 3850-3862.	1.3	7
104	GEMMA and MALDI-TOF MS of reactive PEGs for pharmaceutical applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 432-437.	1.4	20
105	A comparison of nano-electrospray gas-phase electrophoretic mobility macromolecular analysis and matrix-assisted laser desorption/ionization linear time-of-flight mass spectrometry for the characterization of the recombinant coagulation glycoprotein von W. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 761-767.	0.7	9
106	Modulation of plasma complement by the initial dose of epirubicin/docetaxel therapy in breast cancer and its predictive value. <i>British Journal of Cancer</i> , 2010, 103, 1201-1208.	2.9	31
107	Proteomic aspects of <i>Parachlamydia acanthamoebae</i> infection in <i>Acanthamoeba</i> spp.. <i>ISME Journal</i> , 2010, 4, 1366-1374.	4.4	10
108	Tyrosine Kinase 2 Controls IL-1Î² Production at the Translational Level. <i>Journal of Immunology</i> , 2010, 185, 3544-3553.	0.4	24

#	ARTICLE	IF	CITATIONS
109	Major Role for Cysteine Proteases during the Early Phase of <i>Acanthamoeba castellanii</i> Encystment. <i>Eukaryotic Cell</i> , 2010, 9, 611-618.	3.4	52
110	Allergenic compounds on the inner and outer surfaces of natural latex gloves: MALDI mass spectrometry and imaging of proteinous allergens. <i>Journal of Mass Spectrometry</i> , 2009, 44, 61-70.	0.7	12
111	Mixed volume sample preparation method for intact cell mass spectrometry of <i>Fusarium</i> spores. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1622-1624.	0.7	15
112	Development of a MALDI two-layer volume sample preparation technique for analysis of colored conidia spores of <i>Fusarium</i> by MALDI linear TOF mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 1373-1383.	1.9	51
113	Evaluation of matrix-assisted laser desorption/ionization (MALDI) preparation techniques for surface characterization of intact <i>Fusarium</i> spores by MALDI linear time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 877-884.	0.7	75
114	Comparing standard and microwave assisted staining protocols for SDS-PAGE of glycoproteins followed by subsequent PMF with MALDI MS. <i>Journal of Proteomics</i> , 2009, 72, 628-639.	1.2	12
115	A proteomic study reveals unspecific apoptosis induction and reduction of glycolytic enzymes by the phosphorothioate antisense oligonucleotide oblimersen in human melanoma cells. <i>Journal of Proteomics</i> , 2009, 72, 1019-1030.	1.2	28
116	Near-Infrared Spectroscopic Study on Guest-Host Interactions Among G0-G7 Amine-Terminated Poly(amidoamine) Dendrimers and Porous Silica Materials for Simultaneously Determining the Molecular Weight and Particle Diameter by Multivariate Calibration Techniques. <i>Analytical Chemistry</i> , 2009, 81, 5655-5662.	3.2	8
117	Improved identification of hordeins by cysteine alkylation with 2-bromoethylamine, SDS-PAGE and subsequent in-gel tryptic digestion. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1613-1621.	0.7	10
118	The impact of tyrosine kinase 2 (Tyk2) on the proteome of murine macrophages and their response to lipopolysaccharide (LPS). <i>Proteomics</i> , 2008, 8, 3469-3485.	1.3	13
119	Comparing the applicability of CGE-on-a-chip and SDS-PAGE for fast pre-screening of mouse serum samples prior to proteomics analysis. <i>Electrophoresis</i> , 2008, 29, 4332-4340.	1.3	7
120	Diastereoselective synthesis of d-xylo-isoxazolidinyl nucleosides. <i>Tetrahedron</i> , 2008, 64, 3111-3118.	1.0	13
121	A carboxysomal carbon-concentrating mechanism in the cyanelles of the <i>Coelacanth</i> of the algal world, <i>Cyanophora paradoxa</i> ? <i>Physiologia Plantarum</i> , 2008, 133, 27-32.	2.6	36
122	Biological Variation of the Platelet Proteome in the Elderly Population and Its Implication for Biomarker Research. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 193-203.	2.5	71
123	Characterization of the <i>bga1</i> -encoded glycoside hydrolase family 35- β -galactosidase of <i>Hypocrea jecorina</i> with galacto- β -D-galactanase activity. <i>FEBS Journal</i> , 2007, 274, 1691-1700.	2.2	31
124	Comparison of planar SDS-PAGE, CGE-on-a-chip, and MALDI-TOF mass spectrometry for analysis of the enzymatic de-N-glycosylation of antithrombin III and coagulation factor IX with PNGase F. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1859-1868.	1.9	14
125	Epl1, the major secreted protein of <i>Hypocrea atroviridis</i> on glucose, is a member of a strongly conserved protein family comprising plant defense response elicitors. <i>FEBS Journal</i> , 2006, 273, 4346-4359.	2.2	145
126	Detection of isoforms of recombinant human erythropoietin by various plant lectins after isoelectric focusing. <i>Electrophoresis</i> , 2005, 26, 1633-1645.	1.3	23

#	ARTICLE	IF	CITATIONS
127	Characterization of N- and O-glycopeptides of recombinant human erythropoietins as potential biomarkers for doping analysis by means of microscale sample purification combined with MALDI-TOF and quadrupole IT/TOF mass spectrometry. <i>Journal of Separation Science</i> , 2005, 28, 1764-1778.	1.3	50
128	Characterisation of intact recombinant human erythropoietins applied in doping by means of planar gel electrophoretic techniques and matrix-assisted laser desorption/ionisation linear time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 728-742.	0.7	52
129	A new approach in proteomics of wheat gluten: combining chymotrypsin cleavage and matrix-assisted laser desorption/ionization quadrupole ion trap reflectron tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2725-2728.	0.7	35
130	Type I allergy to elderberry (<i>Sambucus nigra</i>) is elicited by a 33.2 kDa allergen with significant homology to ribosomal inactivating proteins. <i>Clinical and Experimental Allergy</i> , 2003, 33, 1703-1710.	1.4	45
131	Determination of benzylpenicillin, oxacillin, cloxacillin, and dicloxacillin in cows' milk by ion-pair high-performance liquid chromatography after precolumn derivatization. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 371, 64-67.	1.5	20