

# Michel Salzet

## List of Publications by Year in descending order

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307  
papers

10,851  
citations

34493

54  
h-index

62345

84  
g-index

344  
all docs

344  
docs citations

344  
times ranked

11184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurotrauma investigation through spatial omics guided by mass spectrometry imaging: Target identification and clinical applications. <i>Mass Spectrometry Reviews</i> , 2023, 42, 189-205.	2.8	7
2	On-tissue spatially resolved glycoproteomics guided by N-glycan imaging reveal global dysregulation of canine glioma glycoproteomic landscape. <i>Cell Chemical Biology</i> , 2022, 29, 30-42.e4.	2.5	11
3	Trop-2, Na <sup>+</sup> /K <sup>+</sup> ATPase, CD9, PKC $\hat{I}$ $\pm$ , cofilin assemble a membrane signaling super-complex that drives colorectal cancer growth and invasion. <i>Oncogene</i> , 2022, 41, 1795-1808.	2.6	15
4	Abstract P5-06-04: A multi-omics approach to study the host-microbiota interaction in breast cancer tissue. <i>Cancer Research</i> , 2022, 82, P5-06-04-P5-06-04.	0.4	0
5	Mass Spectrometry-Based Differentiation of Oral Tongue Squamous Cell Carcinoma and Nontumor Regions With the SpiderMass Technology. <i>Frontiers in Oral Health</i> , 2022, 3, 827360.	1.2	11
6	Direct In Vivo Analysis of CBD- and THC-Acid Cannabinoids and Classification of Cannabis Cultivars Using SpiderMass. <i>Metabolites</i> , 2022, 12, 480.	1.3	1
7	OpenProt 2021: deeper functional annotation of the coding potential of eukaryotic genomes. <i>Nucleic Acids Research</i> , 2021, 49, D380-D388.	6.5	71
8	Shedding Light on the Ghost Proteome. <i>Trends in Biochemical Sciences</i> , 2021, 46, 239-250.	3.7	20
9	Abstract PS18-36: Proteomic profiling of specific tumor clones using spatially resolved mass spectrometry technologies for precision oncology. , 2021, , .		0
10	The Role of Proprotein Convertases in the Regulation of the Function of Immune Cells in the Oncoimmune Response. <i>Frontiers in Immunology</i> , 2021, 12, 667850.	2.2	14
11	Persistence of Coxsackievirus B4 in Pancreatic $\hat{I}^2$ Cells Disturbs Insulin Maturation, Pattern of Cellular Proteins, and DNA Methylation. <i>Microorganisms</i> , 2021, 9, 1125.	1.6	9
12	Protein Kinase C Activation Drives a Differentiation Program in an Oligodendroglial Precursor Model through the Modulation of Specific Biological Networks. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5245.	1.8	7
13	In-depth proteomics analysis of sentinel lymph nodes from individuals with endometrial cancer. <i>Cell Reports Medicine</i> , 2021, 2, 100318.	3.3	18
14	Cancer Surgery 2.0: Guidance by Real-Time Molecular Technologies. <i>Trends in Molecular Medicine</i> , 2021, 27, 602-615.	3.5	25
15	Abstract 2907: A metaproteomic approach to study the host-microbiota interaction in cancer tissue. , 2021, , .		0
16	Toward High Spatially Resolved Proteomics Using Expansion Microscopy. <i>Analytical Chemistry</i> , 2021, 93, 12195-12203.	3.2	11
17	Surfaceome Proteomic of Glioblastoma Revealed Potential Targets for Immunotherapy. <i>Frontiers in Immunology</i> , 2021, 12, 746168.	2.2	20
18	Direct Water-Assisted Laser Desorption/Ionization Mass Spectrometry Lipidomic Analysis and Classification of Formalin-Fixed Paraffin-Embedded Sarcoma Tissues without Dewaxing. <i>Clinical Chemistry</i> , 2021, 67, 1513-1523.	1.5	9

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19	Therapeutic anti-glioma effect of the combined action of PCSK inhibitor with the anti-tumoral factors secreted by Poly (I:C)-stimulated macrophages. <i>Cancer Gene Therapy</i> , 2021, , .	2.2	9
20	Robot-Assisted SpiderMass for <i>In Vivo</i> Real-Time Topography Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2021, 93, 14383-14391.	3.2	16
21	In Utero Exposure to Metformin Reduces the Fertility of Male Offspring in Adulthood. <i>Frontiers in Endocrinology</i> , 2021, 12, 750145.	1.5	8
22	Chapter 11. MALDI Mass Spectrometry Imaging and Spatially-resolved Proteomics. <i>New Developments in Mass Spectrometry</i> , 2021, , 234-261.	0.2	0
23	Path to Clonal Theranostics in Luminal Breast Cancers. <i>Frontiers in Oncology</i> , 2021, 11, 802177.	1.3	4
24	Unveiling a Ghost Proteome in the Glioblastoma Non-Coding RNAs. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 703583.	1.8	6
25	Spinal Cord Injury: Animal Models, Imaging Tools and the Treatment Strategies. <i>Neurochemical Research</i> , 2020, 45, 134-143.	1.6	28
26	Optimized Sample Preparation Workflow for Improved Identification of Ghost Proteins. <i>Analytical Chemistry</i> , 2020, 92, 1122-1129.	3.2	32
27	Canine Bone Marrow Mesenchymal Stem Cell Conditioned Media Affect Bacterial Growth, Biofilm-Associated <i>Staphylococcus aureus</i> and AHL-Dependent Quorum Sensing. <i>Microorganisms</i> , 2020, 8, 1478.	1.6	17
28	Molecular Mapping of Hydrogen Sulfide Targets in Normal Human Keratinocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4648.	1.8	4
29	Epigenetic Studies Revealed a Ghost Proteome in PC1/3 KD Macrophages under Antitumoral Resistance Induced by IL-10. <i>ACS Omega</i> , 2020, 5, 27774-27782.	1.6	2
30	Cumulative learning enables convolutional neural network representations for small mass spectrometry data classification. <i>Nature Communications</i> , 2020, 11, 5595.	5.8	35
31	SARS-Cov-2 Interactome with Human Ghost Proteome: A Neglected World Encompassing a Wealth of Biological Data. <i>Microorganisms</i> , 2020, 8, 2036.	1.6	2
32	The Role of a Proprotein Convertase Inhibitor in Reactivation of Tumor-Associated Macrophages and Inhibition of Glioma Growth. <i>Molecular Therapy - Oncolytics</i> , 2020, 17, 31-46.	2.0	13
33	Characterization of Immune Cell-derived Extracellular Vesicles and Studying Functional Impact on Cell Environment. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	1
34	Reference and Ghost Proteins Identification in Rat C6 Glioma Extracellular Vesicles. <i>IScience</i> , 2020, 23, 101045.	1.9	18
35	Location of neonatal microglia drives small extracellular vesicles content and biological functions in vitro. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1727637.	5.5	20
36	Carbonic Anhydrase XII Expression Is Modulated during Epithelial Mesenchymal Transition and Regulated through Protein Kinase C Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 715.	1.8	12

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37	Liquid biopsies for diagnosing and monitoring primary tumors of the central nervous system. <i>Cancer Letters</i> , 2020, 480, 24-28.	3.2	33
38	Alternative proteins are functional regulators in cell reprogramming by PKA activation. <i>Nucleic Acids Research</i> , 2020, 48, 7864-7882.	6.5	24
39	A Hidden Human Proteome Signature Characterizes the Epithelial Mesenchymal Transition Program. <i>Current Pharmaceutical Design</i> , 2020, 26, 372-375.	0.9	12
40	Annelids Neuro-Endrocrino-Immune Response. , 2020, , 93-124.		0
41	Abstract P4-07-08: Functional proteomic characterization of early luminal breast cancers with discordant genomic and clinical risk estimates. , 2020, , .		0
42	Results of a prospective phase II national study: Prophylactic radical fimbriectomy (NCT01608074), in women with a documented high risk of breast/ovarian cancerâ€”Final pathological results and outcomes.. <i>Journal of Clinical Oncology</i> , 2020, 38, 1594-1594.	0.8	0
43	A novel proteomic mass spectrometry-based approach to reveal functionally heterogeneous tumor clones in breast cancer metastases and identify clone-specific drug targets.. <i>Journal of Clinical Oncology</i> , 2020, 38, e13063-e13063.	0.8	3
44	Matrix-Assisted Laser Desorption/Ionization-Mass Spectrometry Imaging of Lipids in Experimental Model of Traumatic Brain Injury Detecting Acylcarnitines as Injury Related Markers. <i>Analytical Chemistry</i> , 2019, 91, 11879-11887.	3.2	28
45	Canine Bone Marrow-derived Mesenchymal Stem Cells: Genomics, Proteomics and Functional Analyses of Paracrine Factors. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1824-1835.	2.5	18
46	Mass spectrometry-based intraoperative tumor diagnostics: a letter in reply. <i>Future Science OA</i> , 2019, 5, FSO403.	0.9	1
47	Water-assisted laser desorption/ionization mass spectrometry for minimally invasive in vivo and real-time surface analysis using SpiderMass. <i>Nature Protocols</i> , 2019, 14, 3162-3182.	5.5	41
48	Nuclei of HeLa cells interactomes unravel a network of ghost proteins involved in proteins translation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 1458-1470.	1.1	23
49	Mapping Spatiotemporal Microproteomics Landscape in Experimental Model of Traumatic Brain Injury Unveils a link to Parkinson's Disease*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1669-1682.	2.5	23
50	Distinct Protein Expression Networks are Activated in Microglia Cells after Stimulation with IFN- $\beta$ and IL-4. <i>Cells</i> , 2019, 8, 580.	1.8	15
51	ALK4/5-dependent TGF- $\beta$ signaling contributes to the crosstalk between neurons and microglia following axonal lesion. <i>Scientific Reports</i> , 2019, 9, 6896.	1.6	10
52	Proteomic characterisation of leech microglia extracellular vesicles (EVs): comparison between differential ultracentrifugation and Optiprepâ„¢ density gradient isolation. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1603048.	5.5	48
53	Utilisation of Ambient Laser Desorption Ionisation Mass Spectrometry (ALDI-MS) Improves Lipid-Based Microbial Species Level Identification. <i>Scientific Reports</i> , 2019, 9, 3006.	1.6	23
54	PC1/3 KD Macrophages Exhibit Resistance to the Inhibitory Effect of IL-10 and a Higher TLR4 Activation Rate, Leading to an Anti-Tumoral Phenotype. <i>Cells</i> , 2019, 8, 1490.	1.8	6

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55	Isolation of microglia-derived extracellular vesicles: towards miRNA signatures and neuroprotection. <i>Journal of Nanobiotechnology</i> , 2019, 17, 119.	4.2	36
56	Optimizing the substrate-mediated laser ablation of biological tissues: Quest for the best substrate material. <i>Applied Surface Science</i> , 2019, 473, 486-492.	3.1	0
57	A specific lipid metabolic profile is associated with the epithelial mesenchymal transition program. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 344-357.	1.2	69
58	The multiverse nature of epithelial to mesenchymal transition. <i>Seminars in Cancer Biology</i> , 2019, 58, 1-10.	4.3	90
59	Real time human micro-organisms biotyping based on Water-Assisted Laser Desorption/Ionization. <i>The EuroBiotech Journal</i> , 2019, 3, 97-104.	0.5	3
60	Abstract P3-08-15: Proteomic profile of PAM50 intermediate risk early breast cancers. , 2019, , .		0
61	Abstract P3-08-19: Proteomic tracking of breast cancer metastasis progression. , 2019, , .		0
62	Proteomic profile of high-risk luminal A early breast cancers.. <i>Journal of Clinical Oncology</i> , 2019, 37, 3077-3077.	0.8	0
63	Extracellular vesicles: pathogenetic, diagnostic and therapeutic value in traumatic brain injury. <i>Expert Review of Proteomics</i> , 2018, 15, 451-461.	1.3	34
64	Remote Atmospheric Pressure Infrared Matrix-Assisted Laser Desorption-Ionization Mass Spectrometry (Remote IR-MALDI MS) of Proteins. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1637-1649.	2.5	10
65	Brainâ€Cortex Microgliaâ€Derived Exosomes: Nanoparticles for Glioma Therapy. <i>ChemPhysChem</i> , 2018, 19, 1205-1214.	1.0	43
66	Proteomic expression profile of injured rat peripheral nerves revealed biological networks and processes associated with nerve regeneration. <i>Journal of Cellular Physiology</i> , 2018, 233, 6207-6223.	2.0	9
67	Paclitaxel Treatment and Proprotein Convertase 1/3 (PC1/3) Knockdown in Macrophages is a Promising Antiglioma Strategy as Revealed by Proteomics and Cytotoxicity Studies. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1126-1143.	2.5	14
68	Î²-catenin knockdown promotes NHERF1-mediated survival of colorectal cancer cells: implications for a double-targeted therapy. <i>Oncogene</i> , 2018, 37, 3301-3316.	2.6	18
69	Small Proteins Encoded by Unannotated ORFs are Rising Stars of the Proteome, Confirming Shortcomings in Genome Annotations and Current Vision of an mRNA. <i>Proteomics</i> , 2018, 18, e1700058.	1.3	59
70	Spatially-Resolved Top-down Proteomics Bridged to MALDI MS Imaging Reveals the Molecular Physiome of Brain Regions. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 357-372.	2.5	36
71	Medicinal Leech CNS as a Model for Exosome Studies in the Crosstalk between Microglia and Neurons. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4124.	1.8	25
72	3D MALDI mass spectrometry imaging reveals specific localization of long-chain acylcarnitines within a 10-day time window of spinal cord injury. <i>Scientific Reports</i> , 2018, 8, 16083.	1.6	21

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73	Real-Time Molecular Diagnosis of Tumors Using Water-Assisted Laser Desorption/Ionization Mass Spectrometry Technology. <i>Cancer Cell</i> , 2018, 34, 840-851.e4.	7.7	71
74	The Protein Coded by a Short Open Reading Frame, Not by the Annotated Coding Sequence, Is the Main Gene Product of the Dual-Coding Gene MIEF1. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2402-2411.	2.5	44
75	Oxidative Stress in Aging Brain: Nutritional and Pharmacological Interventions for Neurodegenerative Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-2.	1.9	24
76	Real time and in vivo pharmaceutical and environmental studies with SpiderMass instrument. <i>Journal of Biotechnology</i> , 2018, 281, 61-66.	1.9	16
77	Lipid Changes Associated with Traumatic Brain Injury Revealed by 3D MALDI-MSI. <i>Analytical Chemistry</i> , 2018, 90, 10568-10576.	3.2	50
78	Localized Intrathecal Delivery of Mesenchymal Stromal Cells Conditioned Medium Improves Functional Recovery in a Rat Model of Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2018, 19, 870.	1.8	47
79	Deciphering molecular consequences of the proprotein convertase 1/3 inhibition in macrophages for application in anti-tumour immunotherapy. <i>Journal of Biotechnology</i> , 2018, 282, 80-85.	1.9	5
80	Shedding new light on spinal cord injury. <i>Journal of Biotechnology</i> , 2018, 280, S4.	1.9	0
81	Neuro-immune lessons from an annelid: The medicinal leech. <i>Developmental and Comparative Immunology</i> , 2017, 66, 33-42.	1.0	19
82	Combined Mass Spectrometry Imaging and Top-down Microproteomics Reveals Evidence of a Hidden Proteome in Ovarian Cancer. <i>EBioMedicine</i> , 2017, 21, 55-64.	2.7	45
83	Progress and Potential of Imaging Mass Spectrometry Applied to Biomarker Discovery. <i>Methods in Molecular Biology</i> , 2017, 1598, 21-43.	0.4	19
84	Droplet-Based Liquid Extraction for Spatially-Resolved Microproteomics Analysis of Tissue Sections. <i>Methods in Molecular Biology</i> , 2017, 1618, 49-63.	0.4	21
85	Integrated mass spectrometry imaging and omics workflows on the same tissue section using grid-aided, parafilm-assisted microdissection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1702-1714.	1.1	19
86	Evaluation of non-supervised MALDI mass spectrometry imaging combined with microproteomics for glioma grade III classification. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 875-890.	1.1	36
87	RhoA Inhibitor Treatment At Acute Phase of Spinal Cord Injury May Induce Neurite Outgrowth and Synaptogenesis. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1394-1415.	2.5	22
88	Proteomic and transcriptomic investigation of acne vulgaris microcystic and papular lesions: Insights in the understanding of its pathophysiology. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 652-663.	1.1	13
89	NanoLC-MS coupling of liquid microjunction microextraction for on-tissue proteomic analysis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 891-900.	1.1	25
90	β-Catenin Knockdown Affects Mitochondrial Biogenesis and Lipid Metabolism in Breast Cancer Cells. <i>Frontiers in Physiology</i> , 2017, 8, 544.	1.3	55

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91	METB-10. EVALUATION OF NON-SUPERVISED MATRIX-ASSISTED LASER DESORPTION / IONIZATION MASS SPECTROMETRY IMAGING (MALDI) MASS SPECTROMETRY IMAGING (MSI) COMBINED WITH MICROPROTEOMICS FOR DETERMINATION OF GLIOBLASTOMA HETEROGENEITY. <i>Neuro-Oncology</i> , 2017, 19, vi130-vi130.	0.6	0
92	Combined MALDI Mass Spectrometry Imaging and Parafilm-Assisted Microdissection-Based LC-MS/MS Workflows in the Study of the Brain. <i>Methods in Molecular Biology</i> , 2017, 1598, 269-283.	0.4	9
93	Abstract 367: Trop-2 activates a dormant Na <sup>+</sup> /K <sup>+</sup> -ATPase/PKC $\beta$ /CD9/ezrin signaling axis to override the basal growth program of cancer cells. , 2017, , .		1
94	Host manipulation by cancer cells: Expectations, facts, and therapeutic implications. <i>BioEssays</i> , 2016, 38, 276-285.	1.2	19
95	In vivo Real-Time Mass Spectrometry for Guided Surgery Application. <i>Scientific Reports</i> , 2016, 6, 25919.	1.6	100
96	Cancer and life-history traits: lessons from host-parasite interactions. <i>Parasitology</i> , 2016, 143, 533-541.	0.7	40
97	On-tissue Direct Monitoring of Global Hydrogen/Deuterium Exchange by MALDI Mass Spectrometry: Tissue Deuterium Exchange Mass Spectrometry (TDXMS). <i>Molecular and Cellular Proteomics</i> , 2016, 15, 3321-3330.	2.5	2
98	Substrate-Mediated Laser Ablation under Ambient Conditions for Spatially-Resolved Tissue Proteomics. <i>Scientific Reports</i> , 2016, 5, 18135.	1.6	7
99	Spatially-resolved protein surface microsampling from tissue sections using liquid extraction surface analysis. <i>Proteomics</i> , 2016, 16, 1622-1632.	1.3	46
100	Proteomic Analysis of the Spatio-temporal Based Molecular Kinetics of Acute Spinal Cord Injury Identifies a Time- and Segment-specific Window for Effective Tissue Repair. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2641-2670.	2.5	42
101	Translating epithelial mesenchymal transition markers into the clinic: Novel insights from proteomics. <i>EuPA Open Proteomics</i> , 2016, 10, 31-41.	2.5	49
102	Proprotein convertase 1/3 inhibited macrophages: A novel therapeutic based on drone macrophages. <i>EuPA Open Proteomics</i> , 2016, 11, 20-22.	2.5	2
103	Angiogenesis and Vascularization of Uterine Leiomyoma: Clinical Value of Pseudocapsule Containing Peptides and Neurotransmitters. <i>Current Protein and Peptide Science</i> , 2016, 18, 129-139.	0.7	34
104	A Proteomic Analysis of Human Uterine Myoma. <i>Current Protein and Peptide Science</i> , 2016, 18, 167-174.	0.7	13
105	Hm-MyD88 and Hm-SARM: Two key regulators of the neuroimmune system and neural repair in the medicinal leech. <i>Scientific Reports</i> , 2015, 5, 9624.	1.6	14
106	Reciprocal immune benefit based on complementary production of antibiotics by the leech <i>Hirudo verbana</i> and its gut symbiont <i>Aeromonas veronii</i> . <i>Scientific Reports</i> , 2015, 5, 17498.	1.6	34
107	The influence of sustained dual-factor presentation on the expansion and differentiation of neural progenitors in affinity-binding alginate scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 918-929.	1.3	8
108	METB-07 CLASSIFICATION OF HIGH GRADE GLIOMA USING MATRIX-ASSISTED LASER DESORPTION/IONIZATION MASS SPECTROMETRY IMAGING (MALDI MSI): INTERIM RESULTS OF THE GLIOMIC STUDY. <i>Neuro-Oncology</i> , 2015, 17, v136.3-v136.	0.6	2

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109	Development of a novel instrument for ex-vivo and in-vivo real-time analysis. <i>Journal of Biotechnology</i> , 2015, 208, S10.	1.9	1
110	Proteome-wide characterization of signalling interactions in the hippocampal CA4/DG subfield of patients with Alzheimer's disease. <i>Scientific Reports</i> , 2015, 5, 11138.	1.6	54
111	MALDI-MS and NanoSIMS imaging techniques to study cnidarian-dinoflagellate symbioses. <i>Zoology</i> , 2015, 118, 125-131.	0.6	21
112	Molecular Consequences of Proprotein Convertase 1/3 (PC1/3) Inhibition in Macrophages for Application to Cancer Immunotherapy: A Proteomic Study. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2857-2877.	2.5	21
113	Parafilm-assisted microdissection: a sampling method for mass spectrometry-based identification of differentially expressed prostate cancer protein biomarkers. <i>Chemical Communications</i> , 2015, 51, 4564-4567.	2.2	21
114	Lipidomics for Clinical Diagnosis: Dye-Assisted Laser Desorption/Ionization (DALDI) Method for Lipids Detection in MALDI Mass Spectrometry Imaging. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 487-498.	1.0	15
115	Human temporal lobe epilepsy analyses by tissue proteomics. <i>Hippocampus</i> , 2014, 24, 628-642.	0.9	35
116	Microglia of medicinal leech ( <i>Hirudo medicinalis</i> ) express a specific activation marker homologous to vertebrate ionized calcium-binding adapter molecule 1 (Iba1/alias aif1). <i>Developmental Neurobiology</i> , 2014, 74, 987-1001.	1.5	40
117	Spectroimmunohistochemistry: A Novel Form of MALDI Mass Spectrometry Imaging Coupled to Immunohistochemistry for Tracking Antibodies. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 132-141.	1.0	16
118	HFIP Extraction Followed by 2D CTAB/SDS-PAGE Separation: A New Methodology for Protein Identification from Tissue Sections after MALDI Mass Spectrometry Profiling for Personalized Medicine Research. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 374-384.	1.0	7
119	Implications of Proprotein Convertases in Ovarian Cancer Cell Proliferation and Tumor Progression: Insights for PACE4 as a Therapeutic Target. <i>Translational Oncology</i> , 2014, 7, 410-419.	1.7	30
120	Alterations of protein composition along the rostro-caudal axis after spinal cord injury: proteomic, in vitro and in vivo analyses. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 105.	1.8	29
121	Modulation properties of factors released by bone marrow stromal cells on activated microglia: an in vitro study. <i>Scientific Reports</i> , 2014, 4, 7514.	1.6	24
122	Calreticulin contributes to C1q-dependent recruitment of microglia in the leech <i>Hirudo medicinalis</i> following a CNS injury. <i>Medical Science Monitor</i> , 2014, 20, 644-653.	0.5	11
123	Quantification-Based Mass Spectrometry Imaging of Proteins by Parafilm Assisted Microdissection. <i>Analytical Chemistry</i> , 2013, 85, 8127-8134.	3.2	33
124	Microproteomics by liquid extraction surface analysis: Application to FFPE tissue to study the fimbria region of tubo-ovarian cancer. <i>Proteomics - Clinical Applications</i> , 2013, 7, 234-240.	0.8	39
125	Development of liquid microjunction extraction strategy for improving protein identification from tissue sections. <i>Journal of Proteomics</i> , 2013, 79, 200-218.	1.2	82
126	Involvement of nitric oxide through endocannabinoids release in microglia activation during the course of CNS regeneration in the medicinal leech. <i>Glia</i> , 2013, 61, 636-649.	2.5	17



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127	Ionic matrices pre-spotted matrix-assisted laser desorption/ionization plates for patient maker following in course of treatment, drug titration, and MALDI mass spectrometry imaging. <i>Analytical Biochemistry</i> , 2013, 434, 187-198.	1.1	20
128	Comparative proteome profiling of breast tumor cell lines by gel electrophoresis and mass spectrometry reveals an epithelial mesenchymal transition associated protein signature. <i>Molecular BioSystems</i> , 2013, 9, 1127-1138.	2.9	29
129	Proteomic analyses of serous and endometrioid epithelial ovarian cancers “ Cases studies “ Molecular insights of a possible histological etiology of serous ovarian cancer. <i>Proteomics - Clinical Applications</i> , 2013, 7, 337-354.	0.8	18
130	Direct Detection of Alternative Open Reading Frames Translation Products in Human Significantly Expands the Proteome. <i>PLoS ONE</i> , 2013, 8, e70698.	1.1	192
131	Proprotein Convertase 1/3 (PC1/3) in the Rat Alveolar Macrophage Cell Line NR8383: Localization, Trafficking and Effects on Cytokine Secretion. <i>PLoS ONE</i> , 2013, 8, e61557.	1.1	19
132	Disruption of Proprotein Convertase 1/3 (PC1/3) Expression in Mice Causes Innate Immune Defects and Uncontrolled Cytokine Secretion. <i>Journal of Biological Chemistry</i> , 2012, 287, 14703-14717.	1.6	32
133	TARGETED MASS spectrometry Imaging: Specific Targeting Mass Spectrometry imaging technologies from history to perspective. <i>Progress in Histochemistry and Cytochemistry</i> , 2012, 47, 133-174.	5.1	31
134	Resveratrol downregulates Akt/GSK and ERK signalling pathways in OVCAR-3 ovarian cancer cells. <i>Molecular BioSystems</i> , 2012, 8, 1078.	2.9	91
135	Ovarian cancer molecular pathology. <i>Cancer and Metastasis Reviews</i> , 2012, 31, 713-732.	2.7	57
136	A New Safety Concern for Glaucoma Treatment Demonstrated by Mass Spectrometry Imaging of Benzalkonium Chloride Distribution in the Eye, an Experimental Study in Rabbits. <i>PLoS ONE</i> , 2012, 7, e50180.	1.1	92
137	Morphological and functional characterization of leech circulating blood cells: role in immunity and neural repair. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1717-1731.	2.4	20
138	The C-terminal fragment of the immunoproteasome PA28S (Reg alpha) as an early diagnosis and tumor-relapse biomarker: evidence from mass spectrometry profiling. <i>Histochemistry and Cell Biology</i> , 2012, 138, 141-154.	0.8	29
139	Interaction of HmC1q with leech microglial cells: involvement of C1qBP-related molecule in the induction of cell chemotaxis. <i>Journal of Neuroinflammation</i> , 2012, 9, 37.	3.1	19
140	Molecular Validation of PACE4 as a Target in Prostate Cancer. <i>Translational Oncology</i> , 2011, 4, 157-IN9.	1.7	67
141	Automated Querying and Identification of Novel Peptides using MALDI Mass Spectrometric Imaging. <i>Journal of Proteome Research</i> , 2011, 10, 1915-1928.	1.8	30
142	AMASS: Algorithm for MSI Analysis by Semi-supervised Segmentation. <i>Journal of Proteome Research</i> , 2011, 10, 4734-4743.	1.8	24
143	Characterization and immune function of two intracellular sensors, HmTLR1 and HmNLR, in the injured CNS of an invertebrate. <i>Developmental and Comparative Immunology</i> , 2011, 35, 214-226.	1.0	26
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