

Irene Messana

List of Publications by Year in descending order

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222
papers

6,334
citations

66234

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all docs

224
docs citations

224
times ranked

5965
citing authors

#	ARTICLE	IF	CITATIONS
1	Pediatric Brain Tumors: Signatures from the Intact Proteome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3196.	1.8	2
2	Investigation by top-down high-performance liquid chromatography-mass spectrometry of glutathionylation and cysteinylolation of salivary S100A9 and cystatin B in preterm newborns. <i>Separation Science Plus</i> , 2022, 5, 17-27.	0.3	1
3	HPLC-ESI-MS top-down analysis of salivary peptides of preterm newborns evidenced high activity of some exopeptidases and convertases during late fetal development. <i>Talanta</i> , 2021, 222, 121429.	2.9	4
4	Oxidative and Proteolytic Inactivation of Alpha-1 Antitrypsin in Bronchopulmonary Dysplasia Pathogenesis: A Top-Down Proteomic Bronchoalveolar Lavage Fluid Analysis. <i>Frontiers in Pediatrics</i> , 2021, 9, 597415.	0.9	4
5	Top-Down Proteomics of Human Saliva Highlights Anti-inflammatory, Antioxidant, and Antimicrobial Defense Responses in Alzheimer Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 668852.	1.4	20
6	Saliva, a bodily fluid with recognized and potential diagnostic applications. <i>Journal of Separation Science</i> , 2021, 44, 3677-3690.	1.3	35
7	Enrichments of post-translational modifications in proteomic studies. <i>Journal of Separation Science</i> , 2020, 43, 313-336.	1.3	33
8	Mapping of Transglutaminase-2 Sites of Human Salivary Small Basic Proline-Rich Proteins by HPLC-High-Resolution ESI-MS/MS. <i>Journal of Proteome Research</i> , 2020, 19, 300-313.	1.8	4
9	RP-HPLC-ESI-IT Mass Spectrometry Reveals Significant Variations of the Human Salivary Protein Profile Associated with Predominantly Antibody Deficiencies. <i>Journal of Clinical Immunology</i> , 2020, 40, 329-339.	2.0	8
10	Proteomic Analysis of the Acid-Insoluble Fraction of Whole Saliva from Patients Affected by Different Forms of Non-histaminergic Angioedema. <i>Journal of Clinical Immunology</i> , 2020, 40, 840-850.	2.0	2
11	Top down proteomic analysis of gingival crevicular fluid in deciduous, exfoliating and permanent teeth in children. <i>Journal of Proteomics</i> , 2020, 226, 103890.	1.2	10
12	Top-Down Proteomics of Human Saliva Discloses Significant Variations of the Protein Profile in Patients with Mastocytosis. <i>Journal of Proteome Research</i> , 2020, 19, 3238-3253.	1.8	12
13	Proteomics of the acid-soluble fraction of whole and major gland saliva in burning mouth syndrome patients. <i>Archives of Oral Biology</i> , 2019, 98, 148-155.	0.8	14
14	Cryptides: latent peptides everywhere. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2018, 53, 246-263.	2.3	38
15	Marked Differences in the Submandibular Salivary Proteome between Sardinian Alcohol-Preferring and Sardinian Alcohol-Non Preferring Rats Revealed by an Integrated Top-Down/Bottom-Up Proteomic Platform. <i>Journal of Proteome Research</i> , 2018, 17, 455-469.	1.8	0
16	Extensive Characterization of the Human Salivary Basic Proline-Rich Protein Family by Top-Down Mass Spectrometry. <i>Journal of Proteome Research</i> , 2018, 17, 3292-3307.	1.8	10
17	Top-down proteomic profiling of human saliva in multiple sclerosis patients. <i>Journal of Proteomics</i> , 2018, 187, 212-222.	1.2	40
18	Sensory perception of and salivary protein response to astringency as a function of the 6-n-propylthioural (PROP) bitter-taste phenotype. <i>Physiology and Behavior</i> , 2017, 173, 163-173.	1.0	38

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19	Top-down HPLC-ESI-MS proteomic analysis of saliva of edentulous subjects evidenced high levels of cystatin A, cystatin B and SPRR3. Archives of Oral Biology, 2017, 77, 68-74.	0.8	6
20	Salivary Cystatins: Exploring New Post-Translational Modifications and Polymorphisms by Top-Down High-Resolution Mass Spectrometry. Journal of Proteome Research, 2017, 16, 4196-4207.	1.8	22
21	Saliva and the Control of Its Secretion. Medical Radiology, 2017, , 21-57.	0.0	16
22	Profiles of VGF Peptides in the Rat Brain and Their Modulations after Phencyclidine Treatment. Frontiers in Cellular Neuroscience, 2017, 11, 158.	1.8	20
23	Salivary biomarkers and proteomics: future diagnostic and clinical utilities. Acta Otorhinolaryngologica Italica, 2017, 37, 94-101.	0.7	111
24	Antagonistic Effect of a Salivary Proline-Rich Peptide on the Cytosolic Ca ²⁺ Mobilization Induced by Progesterone in Oral Squamous Cancer Cells. PLoS ONE, 2016, 11, e0147925.	1.1	9
25	Structural studies and SH3 domain binding properties of a human antiviral salivary proline-rich peptide. Biopolymers, 2016, 106, 714-725.	1.2	6
26	Characterization of the Protein Components of Matrix Stones Sheds Light on S100-A8 and S100-A9 Relevance in the Inflammatory Pathogenesis of These Rare Renal Calculi. Journal of Urology, 2016, 196, 911-918.	0.2	14
27	Proteomics applied to pediatric medicine: opportunities and challenges. Expert Review of Proteomics, 2016, 13, 883-894.	1.3	4
28	Thymosin β 4 and β 10 in Sjögren's syndrome: saliva proteomics and minor salivary glands expression. Arthritis Research and Therapy, 2016, 18, 229.	1.6	5
29	N-linked glycosylation site profiling of the human basic salivary proline-rich protein 3M. Journal of Separation Science, 2016, 39, 1987-1997.	1.3	9
30	Top-down proteomic characterization of DAOY medulloblastoma tumor cell line. EuPA Open Proteomics, 2016, 12, 13-21.	2.5	3
31	Proteomic characterization of the acid-insoluble fraction of whole saliva from preterm human newborns. Journal of Proteomics, 2016, 146, 48-57.	1.2	5
32	The intriguing heterogeneity of human salivary proline-rich proteins. Journal of Proteomics, 2016, 134, 47-56.	1.2	47
33	VGF Protein and Its C-Terminal Derived Peptides in Amyotrophic Lateral Sclerosis: Human and Animal Model Studies. PLoS ONE, 2016, 11, e0164689.	1.1	18
34	SAT0381...Different S100 Protein Salivary Patterns Characterized Sjogren's Syndrome Patients and Patients with Connective Tissue Diseases and Sicca Syndrome. Annals of the Rheumatic Diseases, 2015, 74, 797.1-797.	0.5	0
35	Salivary proline-rich proteins and gluten: Do structural similarities suggest a role in celiac disease?. Proteomics - Clinical Applications, 2015, 9, 953-964.	0.8	6
36	Photoperiod Regulates vgf-Derived Peptide Processing in Siberian Hamsters. PLoS ONE, 2015, 10, e0141193.	1.1	10

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37	Dose-Dependent Effects of L-Arginine on PROP Bitterness Intensity and Latency and Characteristics of the Chemical Interaction between PROP and L-Arginine. PLoS ONE, 2015, 10, e0131104.	1.1	25
38	Salivary Omics. , 2015, , 63-82.		5
39	Proteomic characterization of the qualitative and quantitative differences in cervical mucus composition during the menstrual cycle. Molecular BioSystems, 2015, 11, 1717-1725.	2.9	25
40	High-resolution mass spectrometry for thymosins detection and characterization. Expert Opinion on Biological Therapy, 2015, 15, 191-201.	1.4	8
41	Integrated proteomic platforms for the comparative characterization of medulloblastoma and pilocytic astrocytoma pediatric brain tumors: a preliminary study. Molecular BioSystems, 2015, 11, 1668-1683.	2.9	27
42	Chrono-Proteomics of Human Saliva: Variations of the Salivary Proteome during Human Development. Journal of Proteome Research, 2015, 14, 1666-1677.	1.8	38
43	Proteomic investigation of whole saliva in Wilson's disease. Journal of Proteomics, 2015, 128, 154-163.	1.2	25
44	The salivary proteome profile in patients affected by SAPHO syndrome characterized by a top-down RP-HPLC-ESI-MS platform. Molecular BioSystems, 2015, 11, 1552-1562.	2.9	13
45	Characterization of the cell penetrating properties of a human salivary proline-rich peptide. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 2868-2877.	1.4	20
46	Thymosin Beta 4 May Translocate from the Cytoplasm in to the Nucleus in HepG2 Cells following Serum Starvation. An Ultrastructural Study. PLoS ONE, 2015, 10, e0119642.	1.1	16
47	VGF Peptide Profiles in Type 2 Diabetic Patientsâ€™ Plasma and in Obese Mice. PLoS ONE, 2015, 10, e0142333.	1.1	19
48	High-resolution high-performance liquid chromatography with electrospray ionization mass spectrometry and tandem mass spectrometry characterization of a new isoform of human salivary acidic proline-rich proteins named R ₂₂ (P _{hos})' P _{he} variant. Journal of Separation Science, 2014, 37, 1896-1902.	1.3	7
49	Proteomic characterization of pediatric craniopharyngioma intracystic fluid by LC-MS top-down/bottom-up integrated approaches. Electrophoresis, 2014, 35, 2172-2183.	1.3	27
50	Characterization of salivary proteins of schizophrenic and bipolar disorder patients by top-down proteomics. Journal of Proteomics, 2014, 103, 15-22.	1.2	45
51	Novel Biomarkers of Androgen Deficiency From Seminal Plasma Profiling Using High-Resolution Mass Spectrometry. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 2813-2820.	1.8	15
52	Proteomic Study of Pilocytic Astrocytoma Pediatric Brain Tumor Intracystic Fluid. Journal of Proteome Research, 2014, 13, 4594-4606.	1.8	12
53	AIRE acetylation and deacetylation: effect on protein stability and transactivation activity. Journal of Biomedical Science, 2014, 21, 85.	2.6	27
54	Top-down analytical platforms for the characterization of the human salivary proteome. Bioanalysis, 2014, 6, 563-581.	0.6	35

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55	Thymosin beta 4 and thymosin beta 10 expression in hepatocellular carcinoma. <i>European Journal of Histochemistry</i> , 2014, 58, 2242.	0.6	21
56	Top-down peptidomics of bodily fluids. <i>Peptidomics</i> , 2014, 1, .	0.3	11
57	Do \hat{I}^2 -Thymosins Play a Role in Human Nephrogenesis?. <i>Current Clinical Pathology</i> , 2014, , 81-93.	0.0	4
58	Hypo-Phosphorylation of Salivary Peptidome as Indicator of Molecular Pathogenesis of Autism Spectrum Disorders. , 2014, , 1543-1563.		0
59	Modifications of the acidic soluble salivary proteome in human children from birth to the age of 48months investigated by a top-down HPLC-ESI-MS platform. <i>Journal of Proteomics</i> , 2013, 91, 536-543.	1.2	27
60	The hemoglobin system of the serpent eel <i>Ophisurus serpens</i> : structural and functional characterization. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 905-919.	0.7	0
61	Identification of thymosins \hat{I}^{24} and \hat{I}^{210} in paediatric craniopharyngioma cystic fluid. <i>Child's Nervous System</i> , 2013, 29, 951-960.	0.6	24
62	Unraveling the different proteomic platforms. <i>Journal of Separation Science</i> , 2013, 36, 128-139.	1.3	54
63	Structural and functional studies on a proline-rich peptide isolated from swine saliva endowed with antifungal activity towards <i>Cryptococcus neoformans</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1066-1074.	1.4	14
64	Salivary Proteomic Analysis and Acute Graft-versus-Host Disease after Allogeneic Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2013, 19, 888-892.	2.0	17
65	The Mitochondrial Italian Human Proteome Project Initiative (mt-HPP). <i>Molecular BioSystems</i> , 2013, 9, 1984-92.	2.9	10
66	Top-down HPLC-ESI-MS detection of <i>S</i> -Glutathionylated and <i>S</i> -Cysteinylylated Derivatives of Cystatin B and Its 1-53 and 54-98 Fragments in Whole Saliva of Human Preterm Newborns. <i>Journal of Proteome Research</i> , 2013, 12, 917-926.	1.8	13
67	Top-down HPLC-ESI-MS characterization of rat gliadoralin <i>A</i> , a new member of the family of rat submandibular gland glutamine-rich proteins and potential substrate of transglutaminase. <i>Journal of Separation Science</i> , 2013, 36, 2848-2861.	1.3	3
68	Association of high levels of \hat{I}^{\pm} -defensins and S100A proteins with <i>Candida</i> mannan detection in bronchoalveolar lavage fluid of preterm neonates. <i>Pediatric Research</i> , 2013, 74, 19-25.	1.1	22
69	Significant Modifications of the Salivary Proteome Potentially Associated with Complications of Down Syndrome Revealed by Top-down Proteomics. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1844-1852.	2.5	38
70	Immunoreactivity for thymosin beta 4 and thymosin beta 10 in the adult rat oro-gastro-intestinal tract. <i>European Journal of Histochemistry</i> , 2013, 57, 17.	0.6	8
71	Marked Increase in PROP Taste Responsiveness Following Oral Supplementation with Selected Salivary Proteins or Their Related Free Amino Acids. <i>PLoS ONE</i> , 2013, 8, e59810.	1.1	56
72	Cellular Trafficking of Thymosin Beta-4 in HEPG2 Cells Following Serum Starvation. <i>PLoS ONE</i> , 2013, 8, e67999.	1.1	5

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73	Detection of Ca ²⁺ -Binding S100 Proteins in Human Saliva by HPLC-ESI-MS. <i>Methods in Molecular Biology</i> , 2013, 963, 357-371.	0.4	5
74	Thymosin β 4 expression in colorectal polyps and adenomas. <i>Clinics</i> , 2013, 68, 1220-1224.	0.6	4
75	Thymosin β 4 in colorectal cancer is localized predominantly at the invasion front in tumor cells undergoing epithelial mesenchymal transition. <i>Cancer Biology and Therapy</i> , 2012, 13, 191-197.	1.5	37
76	A new site-specific monoPEGylated filgrastim derivative prepared by enzymatic conjugation: Production and physicochemical characterization. <i>Journal of Controlled Release</i> , 2012, 164, 355-363.	4.8	32
77	RP-HPLC-ESI-MS evidenced that salivary cystatin B is detectable in adult human whole saliva mostly as S-modified derivatives: S-Glutathionyl, S-cysteinyl and S ² -mer. <i>Journal of Proteomics</i> , 2012, 75, 908-913.	1.2	28
78	Proteomic approach in the identification of fertility pattern in seminal plasma of fertile men. <i>Fertility and Sterility</i> , 2012, 97, 67-73.e1.	0.5	108
79	Thymosin β 4 expression reveals intriguing similarities between fetal and cancer cells. <i>Annals of the New York Academy of Sciences</i> , 2012, 1269, 53-60.	1.8	12
80	VGF peptides upon osmotic stimuli: Changes in neuroendocrine regulatory peptides 1 and 2 in the hypothalamic-pituitary-axis and plasma. <i>Journal of Chemical Neuroanatomy</i> , 2012, 44, 57-65.	1.0	18
81	The human salivary proteome: a critical overview of the results obtained by different proteomic platforms. <i>Expert Review of Proteomics</i> , 2012, 9, 33-46.	1.3	65
82	Top-down platform for deciphering the human salivary proteome. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 27-43.	0.7	44
83	HPLC-ESI-MS and MS/MS structural characterization of multifucoylated N-glycoforms of the basic proline-rich protein IB _{8a} CON ¹ in human saliva. <i>Journal of Separation Science</i> , 2012, 35, 1079-1086.	1.3	12
84	Responsiveness to 6-n-Propylthiouracil (PROP) Is Associated with Salivary Levels of Two Specific Basic Proline-Rich Proteins in Humans. <i>PLoS ONE</i> , 2012, 7, e30962.	1.1	90
85	Chemical and Pharmacological Studies of <i>Phyllanthus carolinensis</i> in Mice. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 48, 1231-1236.	1.2	41
86	Expression pattern of thymosin beta 4 in the adult human liver. <i>European Journal of Histochemistry</i> , 2011, 55, e25.	0.6	22
87	Biotechnological implications of the salivary proteome. <i>Trends in Biotechnology</i> , 2011, 29, 409-418.	4.9	76
88	Thymosin beta 10 expression in developing human salivary glands. <i>Early Human Development</i> , 2011, 87, 779-783.	0.8	13
89	Striped mullet (<i>Mugil cephalus</i>) hemoglobin system: multiplicity and functional properties. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2011, 181, 187-197.	0.7	4
90	β 2-thymosins and interstitial lung disease: study of a scleroderma cohort with a one-year follow-up. <i>Respiratory Research</i> , 2011, 12, 22.	1.4	25

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91	The Surprising Composition of the Salivary Proteome of Preterm Human Newborn. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003467.	2.5	71
92	Saliva and the Control of Its Secretion. <i>Medical Radiology</i> , 2011, , 19-47.	0.0	18
93	The role of inflammation in the genesis of the cystic component of craniopharyngiomas. <i>Child's Nervous System</i> , 2010, 26, 1779-1784.	0.6	62
94	Analysis of arginine and methylated metabolites in human plasma by field amplified sample injection capillary electrophoresis tandem mass spectrometry. <i>Electrophoresis</i> , 2010, 31, 1894-1902.	1.3	37
95	Capillary electrophoresis-mass spectrometry for the analysis of amino acids. <i>Journal of Separation Science</i> , 2010, 33, 2385-2393.	1.3	66
96	Capillary electrophoresis-mass spectrometry: Recent trends in clinical proteomics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 1161-1169.	1.4	41
97	Structural characterization of a new statherin from pig parotid granules. <i>Journal of Peptide Science</i> , 2010, 16, 269-275.	0.8	3
98	Immunoreactivity of thymosin beta 4 in human foetal and adult genitourinary tract. <i>European Journal of Histochemistry</i> , 2010, 54, 43.	0.6	19
99	Different Thymosin Beta 4 Immunoreactivity in Foetal and Adult Gastrointestinal Tract. <i>PLoS ONE</i> , 2010, 5, e9111.	1.1	21
100	Thymosin beta 4 expression in normal skin, colon mucosa and in tumor infiltrating mast cells. <i>European Journal of Histochemistry</i> , 2010, 54, 3.	0.6	15
101	Alterations of the Salivary Secretory Peptidome Profile in Children Affected by Type 1 Diabetes. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 2099-2108.	2.5	84
102	Correlation of Levels of α -Defensins Determined by HPLC-ESI-MS in Bronchoalveolar Lavage Fluid With the Diagnosis of Pneumonia in Premature Neonates. <i>Pediatric Research</i> , 2010, 68, 140-144.	1.1	5
103	Characterization of two isoforms of human SPRR3 from saliva of preterm human newborn and autoptic fetal oral mucosa, parotid and submandibular gland samples. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 477-481.	1.0	8
104	Expression, purification, phosphorylation and characterization of recombinant human statherin. <i>Protein Expression and Purification</i> , 2010, 69, 219-225.	0.6	9
105	Thymosin beta-10 expression in developing human kidney. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010, 23, 125-128.	0.7	13
106	Oxygen-linked modulation of erythrocyte metabolism: state of the art. <i>Blood Transfusion</i> , 2010, 8 Suppl 3, s53-8.	0.3	22
107	HPLC-ESI-MS analysis of oral human fluids reveals that gingival crevicular fluid is the main source of oral thymosins β^4 and β^{10} . <i>Journal of Separation Science</i> , 2009, 32, 57-63.	1.3	53
108	RP-HPLC-ESI-MS characterization of novel peptide fragments related to rat parotid secretory protein in parasympathetic induced saliva. <i>Journal of Separation Science</i> , 2009, 32, 2944-2952.	1.3	7

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109	Bronchoalveolar lavage fluid peptidomics suggests a possible matrix metalloproteinase-3 role in bronchopulmonary dysplasia. <i>Intensive Care Medicine</i> , 2009, 35, 2115-2124.	3.9	27
110	The oxygen-binding modulation of hemocyanin from the Southern spiny lobster <i>Palinurus gilchristi</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2009, 179, 193-203.	0.7	4
111	Structural and functional characterization of <i>Delphinus delphis</i> hemoglobin system. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2009, 179, 971-983.	0.7	3
112	Age-Dependent Modifications of the Human Salivary Secretory Protein Complex. <i>Journal of Proteome Research</i> , 2009, 8, 4126-4134.	1.8	80
113	Thymosin β 4 and β 10 Levels in Pre-Term Newborn Oral Cavity and Foetal Salivary Glands Evidence a Switch of Secretion during Foetal Development. <i>PLoS ONE</i> , 2009, 4, e5109.	1.1	40
114	Optimization of a rapid capillary electrophoresis ESI-IT tandem mass spectrometry method for the analysis of short-chain carnitines in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1637-1644.	1.9	22
115	Structural and functional characterization of the porcine proline-rich antifungal peptide SP β B isolated from salivary gland granules. <i>Journal of Peptide Science</i> , 2008, 14, 251-260.	0.8	22
116	Mass spectrometry strategies applied to the characterization of proline-rich peptides from secretory parotid granules of pig (<i>Sus scrofa</i>). <i>Journal of Separation Science</i> , 2008, 31, 516-522.	1.3	10
117	Facts and artifacts in proteomics of body fluids. What proteomics of saliva is telling us?. <i>Journal of Separation Science</i> , 2008, 31, 1948-1963.	1.3	127
118	Editorial: Analysis of peptides by separation and mass spectrometric methods. <i>Journal of Separation Science</i> , 2008, 31, 425-426.	1.3	4
119	Enantiomeric separation of baclofen by capillary electrophoresis tandem mass spectrometry with sulfobutylether- β -cyclodextrin as chiral selector in partial filling mode. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 875, 280-287.	1.2	38
120	Carbachol-induced in vitro secretion of certain human submandibular proteins investigated by mass-spectrometry. <i>Archives of Oral Biology</i> , 2008, 53, 1077-1083.	0.8	5
121	Hypo-Phosphorylation of Salivary Peptidome as a Clue to the Molecular Pathogenesis of Autism Spectrum Disorders. <i>Journal of Proteome Research</i> , 2008, 7, 5327-5332.	1.8	90
122	Structural and Functional Characterization of Haemocyanin from the Anemone Hermit Crab <i>Dardanus calidus</i> . <i>Journal of Biochemistry</i> , 2008, 143, 207-216.	0.9	6
123	Trafficking and Postsecretory Events Responsible for the Formation of Secreted Human Salivary Peptides. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 911-926.	2.5	111
124	Alkaline Bohr effect of bird hemoglobins: the case of the flamingo. <i>Biological Chemistry</i> , 2007, 388, 787-795.	1.2	1
125	Pro-oxidant activity of histatin 5 related Cu(II)-model peptide probed by mass spectrometry. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 277-284.	1.0	40
126	Functional characterization of the single hemoglobin of the migratory bird <i>Ciconia ciconia</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 147, 242-249.	0.7	2

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127	Proteomic Analysis of Salivary Acidic Proline-Rich Proteins in Human Preterm and At-Term Newborns. <i>Journal of Proteome Research</i> , 2007, 6, 1371-1377.	1.8	37
128	Tyrosine Polysulfation of Human Salivary Histatin 1. A Post-Translational Modification Specific of the Submandibular Gland. <i>Journal of Proteome Research</i> , 2007, 6, 2472-2480.	1.8	47
129	Proteomic study of salivary peptides and proteins in patients with Sjögren's syndrome before and after pilocarpine treatment. <i>Arthritis and Rheumatism</i> , 2007, 56, 2216-2222.	6.7	90
130	Rapid determination of short chain carnitines in human plasma by electrospray ionisation-ion trap mass spectrometry using capillary electrophoresis instrument as sampler. <i>Journal of Chromatography A</i> , 2007, 1150, 320-326.	1.8	10
131	The Hemocyanin of the Shamefaced Crab <i>Calappa granulata</i> : Structural-Functional Characterization. <i>Journal of Biochemistry</i> , 2006, 139, 957-966.	0.9	10
132	Detection in human saliva of different statherin and P-B fragments and derivatives. <i>Proteomics</i> , 2006, 6, 6370-6379.	1.3	62
133	HPLC-MS characterization of cyclo-statherin Q-37, a specific cyclization product of human salivary statherin generated by transglutaminase 2. <i>Journal of Separation Science</i> , 2006, 29, 2600-2608.	1.3	21
134	Functional and structural characterization of the myoglobin from the polychaete <i>Ophelia bicornis</i> . <i>Biochemical Journal</i> , 2005, 389, 497-505.	1.7	5
135	Peptides of human gingival crevicular fluid determined by HPLC-ESI-MS. <i>European Journal of Oral Sciences</i> , 2005, 113, 462-468.	0.7	91
136	Statherin levels in saliva of patients with precancerous and cancerous lesions of the oral cavity: a preliminary report. <i>Oral Diseases</i> , 2005, 11, 95-99.	1.5	39
137	Mitochondrial alterations and autofluorescent conversion of <i>Candida albicans</i> induced by histatins. <i>Microscopy Research and Technique</i> , 2005, 66, 219-228.	1.2	11
138	Different isoforms and post-translational modifications of human salivary acidic proline-rich proteins. <i>Proteomics</i> , 2005, 5, 805-815.	1.3	62
139	Two sites for GTP binding in cathodic haemoglobins from Anguilliformes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 141, 400-407.	0.7	6
140	Two proline-rich peptides from pig (<i>Sus scrofa</i>) salivary glands generated by pre-secretory pathway underlying the action of a proteinase cleaving ProAla bonds. <i>Peptides</i> , 2005, 26, 1550-1559.	1.2	12
141	A Cascade of 24 Histatins (Histatin 3 Fragments) in Human Saliva. <i>Journal of Biological Chemistry</i> , 2004, 279, 41436-41443.	1.6	103
142	Different binding thermodynamics of Ni ²⁺ , Cu ²⁺ , and Zn ²⁺ to bacitracin A1 determined by capillary electrophoresis. <i>Electrophoresis</i> , 2004, 25, 846-852.	1.3	18
143	Characterization of the Human Salivary Basic Proline-Rich Protein Complex by a Proteomic Approach. <i>Journal of Proteome Research</i> , 2004, 3, 792-800.	1.8	100
144	Mitochondrial Damage and Metabolic Compensatory Mechanisms Induced by Hyperoxia in the U-937 Cell Line. <i>BMB Reports</i> , 2004, 37, 454-459.	1.1	17

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145	Capillary electrophoretic study of the binding of zinc(II) ion to bacitracin A1 in water-2,2,2-trifluoroethanol. <i>Electrophoresis</i> , 2003, 24, 1612-1619.	1.3	13
146	Affinity capillary electrophoresis study of the linkage existing between proton and zinc ion binding to bacitracin A1. <i>Electrophoresis</i> , 2003, 24, 801-807.	1.3	20
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