Laura Bianchi

List of Publications by Year
in descending order

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60 papers	1,628 citations	236833 25 h-index	315616 38 g-index
62 all docs	62 docs citations	62 times ranked	2987 citing authors

#	Article	IF	Citations
1	Amino acids and protein profile in floral nectar: Much more than a simple reward. Flora: Morphology, Distribution, Functional Ecology of Plants, 2012, 207, 475-481.	0.6	113
2	Zebrafish Collagen Type I: Molecular and Biochemical Characterization of the Major Structural Protein in Bone and Skin. Scientific Reports, 2016, 6, 21540.	1.6	97
3	Anti-neutrophil cytoplasmic autoantibodies: Methodological aspects and clinical significance in systemic vasculitis. Autoimmunity Reviews, 2013, 12, 487-495.	2.5	95
4	Protein Profile of Capacitated versus Ejaculated Human Sperm. Journal of Proteome Research, 2009, 8, 3377-3389.	1.8	75
5	A system biology study of BALF from patients affected by idiopathic pulmonary fibrosis (IPF) and healthy controls. Proteomics - Clinical Applications, 2014, 8, 932-950.	0.8	57
6	Protein pathways working in human follicular fluid: the future for tailored IVF?. Expert Reviews in Molecular Medicine, 2016, 18, e9.	1.6	55
7	Antiâ€C1q Autoantibodies in Lupus Nephritis. Annals of the New York Academy of Sciences, 2009, 1173, 47-51.	1.8	54
8	Towards a functional proteomics approach to the comprehension of idiopathic pulmonary fibrosis, sarcoidosis, systemic sclerosis and pulmonary Langerhans cell histiocytosis. Journal of Proteomics, 2013, 83, 60-75.	1.2	54
9	Differential expression of both extracellular and intracellular proteins is involved in the lethal or nonlethal phenotypic variation of BrtlIV, a murine model for osteogenesis imperfecta. Proteomics, 2007, 7, 1877-1891.	1.3	51
10	Transketolase and 2â€²,3â€²-Cyclic-nucleotide 3â€²-Phosphodiesterase Type I Isoforms Are Specifically Recognized by IgG Autoantibodies in Multiple Sclerosis Patients. Molecular and Cellular Proteomics, 2008, 7, 2337-2349.	2.5	50
11	Solubilization methods and reference 2-DE map of cow milk fat globules. Journal of Proteomics, 2009, 72, 853-864.	1.2	49
12	Protein expression profiles inSaccharomyces cerevisiae during apoptosis induced by H2O2. Proteomics, 2007, 7, 1434-1445.	1.3	46
13	A methodological and functional proteomic approach of human follicular fluid en route for oocyte quality evaluation. Journal of Proteomics, 2013, 90, 61-76.	1.2	46
14	Proteomic Profile Identifies Dysregulated Pathways in Cornelia de Lange Syndrome Cells with Distinct Mutations in SMC1A and SMC3 Genes. Journal of Proteome Research, 2012, 11, 6111-6123.	1.8	41
15	A functional proteomics approach to the comprehension of sarcoidosis. Journal of Proteomics, 2015, 128, 375-387.	1.2	38
16	Proteomic analysis of A2780/S ovarian cancer cell response to the cytotoxic organogold(III) compound Aubipyc. Journal of Proteomics, 2014, 103, 103-120.	1.2	37
17	Matrix metalloproteinases and their inhibitors in human cumulus and granulosa cells as biomarkers for oocyte quality estimation. Fertility and Sterility, 2018, 109, 930-939.e3.	0.5	35
18	The Translationally Controlled Tumor Protein Is a Novel Calcium Binding Protein of the Human Placenta and Regulates Calcium Handling in Trophoblast Cells1. Biology of Reproduction, 2005, 73, 745-751.	1.2	32

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19	The adaptive response of lichens to mercury exposure involves changes in the photosynthetic machinery. Environmental Pollution, 2012, 160, 1-10.	3.7	32
20	Alteration of proteomic profiles in PBMC isolated from patients with Fabry disease: preliminary findings. Molecular BioSystems, 2013, 9, 1162.	2.9	30
21	Proteomic Analysis of Mucopolysaccharidosis IIIB Mouse Brain. Biomolecules, 2020, 10, 355.	1.8	30
22	Altered cytoskeletal organization characterized lethal but not surviving Brtl^{+/â^'}mice: insight on phenotypic variability in osteogenesis imperfecta. Human Molecular Genetics, 2015, 24, 6118-6133.	1.4	29
23	Xylan-degrading enzymes in male and female flower nectar of Cucurbita pepo. Annals of Botany, 2011, 108, 521-527.	1.4	28
24	Protein profile changes in the human breast cancer cell line MCF-7 in response toSEL1L gene induction. Proteomics, 2005, 5, 2433-2442.	1.3	27
25	Novel Targets of Sulforaphane in Primary Cardiomyocytes Identified by Proteomic Analysis. PLoS ONE, 2013, 8, e83283.	1.1	26
26	Comparative proteomic analysis of bronchoalveolar lavage of familial and sporadic cases of idiopathic pulmonary fibrosis. Journal of Breath Research, 2016, 10, 026007.	1.5	26
27	Cytoskeleton and nuclear lamina affection in recessive osteogenesis imperfecta: A functional proteomics perspective. Journal of Proteomics, 2017, 167, 46-59.	1.2	22
28	Proteomic analysis identifies differentially expressed proteins after HDAC vorinostat and EGFR inhibitor gefitinib treatments in Hepâ€2 cancer cells. Proteomics, 2011, 11, 3725-3742.	1.3	21
29	Exposure to cigarette smoke extract and lipopolysaccharide modifies cytoskeleton organization in bronchial epithelial cells. Experimental Lung Research, 2017, 43, 347-358.	0.5	21
30	Infected chronic ischemic wound topically treated with a multi-strain probiotic formulation: a novel tailored treatment strategy. Journal of Translational Medicine, 2019, 17, 364.	1.8	20
31	Differential response to intracellular stress in the skin from osteogenesis imperfecta Brtl mice with lethal and non lethal phenotype: A proteomic approach. Journal of Proteomics, 2012, 75, 4717-4733.	1.2	19
32	What makes A. guillouiae SFC 500-1A able to co-metabolize phenol and Cr(VI)? A proteomic approach. Journal of Hazardous Materials, 2018, 354, 215-224.	6.5	18
33	OUP accepted manuscript. Rheumatology, 2019, 58, 165-178.	0.9	18
34	Proteomic analysis of Î²-1,3-glucanase in grape berry tissues. Acta Physiologiae Plantarum, 2009, 31, 597-604.	1.0	16
35	Proteome Analysis of Bronchoalveolar Lavage in Individuals from Metsovo, Nonoccupationally Exposed to Asbestos. Journal of Proteome Research, 2009, 8, 860-869.	1.8	16
36	Oxygen governs GalÎ²1â€“3GalNAc epitope in human placenta. American Journal of Physiology - Cell Physiology, 2013, 305, C931-C940.	2.1	15

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37	The proteome speciation of an immortalized cystic fibrosis cell line: New perspectives on the pathophysiology of the disease. Journal of Proteomics, 2018, 170, 28-42.	1.2	15
38	A Combined Proteomics, Metabolomics and In Vivo Analysis Approach for the Characterization of Probiotics in Large-Scale Production. Biomolecules, 2020, 10, 157.	1.8	14
39	Cigarette smoke alters the proteomic profile of lung fibroblasts. Molecular BioSystems, 2015, 11, 1644-1652.	2.9	13
40	Nusinersen Modulates Proteomics Profiles of Cerebrospinal Fluid in Spinal Muscular Atrophy Type 1 Patients. International Journal of Molecular Sciences, 2021, 22, 4329.	1.8	13
41	Protein expression profiles ofBos taurus blood and lymphatic vessel endothelial cells. Proteomics, 2007, 7, 1600-1614.	1.3	12
42	Soil solid phases effects on the proteomic analysis of Cupriavidus metallidurans CH34. Biology and Fertility of Soils, 2012, 48, 425-433.	2.3	12
43	Cellular response to empty and palladiumâ€conjugated aminoâ€polystyrene nanospheres uptake: A proteomic study. Proteomics, 2015, 15, 34-43.	1.3	11
44	Intracellular and Extracellular Markers of Lethality in Osteogenesis Imperfecta: A Quantitative Proteomic Approach. International Journal of Molecular Sciences, 2021, 22, 429.	1.8	11
45	A retinal proteomicsâ€based study identifies Î±Aâ€crystallin as a sex steroidâ€regulated protein. Proteomics, 2011, 11, 986-990.	1.3	10
46	Proteomic analysis of the cytotoxic effects induced by the organogold(<scp>iii</scp>) complex Aubipy_cin cisplatin-resistant A2780 ovarian cancer cells: further evidence for the glycolytic pathway implication. Molecular BioSystems, 2015, 11, 1653-1667.	2.9	10
47	Bcl2-low-expressing MCF7 cells undergo necrosis rather than apoptosis upon staurosporine treatment. Biochemical Journal, 2004, 379, 823-832.	1.7	9
48	Proteomic Identification of VEGF-dependent Protein Enrichment to Membrane Caveolar-raft Microdomains in Endothelial Progenitor Cells. Molecular and Cellular Proteomics, 2013, 12, 1926-1938.	2.5	9
49	Soluble protein fraction of human seminal plasma. Journal of Proteomics, 2018, 174, 85-100.	1.2	9
50	Cognitive impairment and CSF proteome modification after oral bacteriotherapy in HIV patients. Journal of NeuroVirology, 2020, 26, 95-106.	1.0	9
51	Proteome Characterization of BALF Extracellular Vesicles in Idiopathic Pulmonary Fibrosis: Unveiling Undercover Molecular Pathways. International Journal of Molecular Sciences, 2021, 22, 5696.	1.8	8
52	Proteomics analysis of a longâ€term survival strain of Escherichia coli Kâ€12 exhibiting a growth advantage in stationaryâ€phase (GASP) phenotype. Proteomics, 2016, 16, 963-972.	1.3	7
53	Proteostasis network alteration in lysosomal storage disorders: Insights from the mouse model of Krabbe disease. Journal of Neuroscience Research, 2020, 98, 718-733.	1.3	7
54	A Novel Ex Vivo Approach Based on Proteomics and Biomarkers to Evaluate the Effects of Chrysene, MEHP, and PBDE-47 on Loggerhead Sea Turtles (Caretta caretta). International Journal of Environmental Research and Public Health, 2022, 19, 4369.	1.2	5

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55	Evaluation of <scp>SCO</scp>1 deletion on <scp>S</scp>accharomyces cerevisiae metabolism through a proteomic approach. Proteomics, 2012, 12, 1767-1780.	1.3	2
56	Immunoblotting of 2-DE Separated Proteins. Springer Protocols, 2009, , 641-662.	0.1	0
57	Translational proteomics. Journal of Proteomics, 2012, 75, 4571-4572.	1.2	0
58	A zebrafish osteogenesis imperfecta model: a new tool to develop novel pharmacological treatments. Bone Abstracts, 0, , .	0.0	0
59	Exposure to cigarette smoke extract and lipopolysaccharide alters metabolic and immune processes and cytoskeleton organization in bronchial epithelial cells. , 2017, , .		0
60	Evaluation of treatment with Nintedanib in patients with idiopathic pulmonary fibrosis: a proteomical approach. , 2019, , .		0