

Chiara Piubelli

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58
papers

1,147
citations

20
h-index

32
g-index

69
ext. papers

1,448
ext. citations

5
avg, IF

4.33
L-index

#	Paper	IF	Citations
58	Critical survey of quantitative proteomics in two-dimensional electrophoretic approaches. <i>Journal of Chromatography A</i> , 2004 , 1051, 3-17	4.5	95
57	Proteome analysis in the clinical chemistry laboratory: myth or reality?. <i>Clinica Chimica Acta</i> , 2005 , 357, 123-39	6.2	89
56	Accuracy of molecular biology techniques for the diagnosis of <i>Strongyloides stercoralis</i> infection-A systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006229	4.8	74
55	Early-life stress and antidepressants modulate peripheral biomarkers in a gene-environment rat model of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010 , 34, 1037-48	5.5	71
54	Proteomic analysis of rat hippocampus after repeated psychosocial stress. <i>Neuroscience</i> , 2006 , 137, 1237-46	5.46	65
53	Antibody Response to the BNT162b2 mRNA COVID-19 Vaccine in Subjects with Prior SARS-CoV-2 Infection. <i>Viruses</i> , 2021 , 13,	6.2	59
52	Proteomic analysis of rat hippocampus and frontal cortex after chronic treatment with fluoxetine or putative novel antidepressants: CRF1 and NK1 receptor antagonists. <i>European Neuropsychopharmacology</i> , 2006 , 16, 521-37	1.2	54
51	Proteomic analysis of rat brain tissue: comparison of protocols for two-dimensional gel electrophoresis analysis based on different solubilizing agents. <i>Electrophoresis</i> , 2002 , 23, 4132-41	3.6	37
50	Searching for markers of Creutzfeldt-Jakob disease in cerebrospinal fluid by two-dimensional mapping. <i>Proteomics</i> , 2006 , 6 Suppl 1, S256-61	4.8	35
49	Regulation of cytoskeleton machinery, neurogenesis and energy metabolism pathways in a rat gene-environment model of depression revealed by proteomic analysis. <i>Neuroscience</i> , 2011 , 176, 349-80	3.9	34
48	microRNAs and Cardiac Cell Fate. <i>Cells</i> , 2014 , 3, 802-23	7.9	32
47	Effect of experimental conditions on the analysis of sodium dodecyl sulphate polyacrylamide gel electrophoresis separated proteins by matrix-assisted laser desorption/ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 18-25	2.2	30
46	Digital PCR: a new technology for diagnosis of parasitic infections. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 1510-1516	9.5	29
45	Expression profiling of a genetic animal model of depression reveals novel molecular pathways underlying depressive-like behaviours. <i>PLoS ONE</i> , 2010 , 5, e12596	3.7	29
44	A comprehensive analysis of the faecal microbiome and metabolome of <i>Strongyloides stercoralis</i> infected volunteers from a non-endemic area. <i>Scientific Reports</i> , 2018 , 8, 15651	4.9	29
43	Proteome analysis of rat polymorphonuclear leukocytes: a two-dimensional electrophoresis/mass spectrometry approach. <i>Electrophoresis</i> , 2002 , 23, 298-310	3.6	28
42	Assessment of the direct quantitation of SARS-CoV-2 by droplet digital PCR. <i>Scientific Reports</i> , 2020 , 10, 18764	4.9	28

41	Identification of new BMP6 pro-peptide mutations in patients with iron overload. <i>American Journal of Hematology</i> , 2017 , 92, 562-568	7.1	25
40	The proteome: anno Domini 2002. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 425-38	5.9	22
39	Escitalopram affects cytoskeleton and synaptic plasticity pathways in a rat gene-environment interaction model of depression as revealed by proteomics. Part II: environmental challenge. <i>International Journal of Neuropsychopharmacology</i> , 2011 , 14, 834-55	5.8	21
38	Escitalopram modulates neuron-remodelling proteins in a rat gene-environment interaction model of depression as revealed by proteomics. Part I: genetic background. <i>International Journal of Neuropsychopharmacology</i> , 2011 , 14, 796-833	5.8	19
37	Nortriptyline influences protein pathways involved in carbohydrate metabolism and actin-related processes in a rat gene-environment model of depression. <i>European Neuropsychopharmacology</i> , 2011 , 21, 545-62	1.2	18
36	Sensitivity, Specificity and Predictive Values of Molecular and Serological Tests for COVID-19: A Longitudinal Study in Emergency Room. <i>Diagnostics</i> , 2020 , 10,	3.8	18
35	SARS-CoV-2 Epitope Mapping on Microarrays Highlights Strong Immune-Response to N Protein Region. <i>Vaccines</i> , 2021 , 9,	5.3	18
34	Antibody response induced by the BNT162b2 mRNA COVID-19 vaccine in a cohort of health-care workers, with or without prior SARS-CoV-2 infection: a prospective study. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 1845-1850	9.5	17
33	HDAC Inhibition Improves the Sarcoendoplasmic Reticulum Ca-ATPase Activity in Cardiac Myocytes. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	16
32	Proteomic changes in rat serum, polymorphonuclear and mononuclear leukocytes after chronic nicotine administration. <i>Proteomics</i> , 2005 , 5, 1382-94	4.8	16
31	Blastocystis prevalence and subtypes in autochthonous and immigrant patients in a referral centre for parasitic infections in Italy. <i>PLoS ONE</i> , 2019 , 14, e0210171	3.7	13
30	A decade of progress on the genetic basis of coronary artery disease. Practical insights for the internist. <i>European Journal of Internal Medicine</i> , 2017 , 41, 10-17	3.9	12
29	Genetic and Clinical Heterogeneity in Thirteen New Cases with Aceruloplasminemia. Atypical Anemia as a Clue for an Early Diagnosis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
28	Overall decrease in SARS-CoV-2 viral load and reduction in clinical burden: the experience of a hospital in northern Italy. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 131.e1-131.e3	9.5	11
27	An orally available, brain-penetrant CAMKK2 inhibitor reduces food intake in rodent model. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 1958-1963	2.9	10
26	Proteomics of rat hypothalamus, hippocampus and pre-frontal/frontal cortex after central administration of the neuropeptide PACAP. <i>Molecular Biology Reports</i> , 2012 , 39, 2921-35	2.8	10
25	The arrhythmogenic cardiomyopathy-specific coding and non-coding transcriptome in human cardiac stromal cells. <i>BMC Genomics</i> , 2018 , 19, 491	4.5	9
24	Serology study after BNT162b2 vaccination in participants previously infected with SARS-CoV-2 in two different waves versus naïve. <i>Communications Medicine</i> , 2021 , 1,		7

23	SARS-CoV-2 vaccination elicits unconventional IgM specific responses in naïve and previously COVID-19-infected individuals.. <i>EBioMedicine</i> , 2022 , 77, 103888	8.8	7
22	Development of a high-throughput scintillation proximity assay for the identification of C-domain translational initiation factor 2 inhibitors. <i>Journal of Biomolecular Screening</i> , 2002 , 7, 541-6		6
21	Droplet Digital PCR for the Detection of DNA in Whole Blood and Serum: A Comparative Analysis with Other Molecular Methods. <i>Pathogens</i> , 2020 , 9,	4.5	4
20	SARS-CoV-2 rapid antigen test in comparison to RT-PCR targeting different genes: A real-life evaluation among unselected patients in a regional hospital of Italy. <i>Journal of Medical Virology</i> , 2021 ,	19.7	4
19	Leprosy in Refugees and Migrants in Italy and a Literature Review of Cases Reported in Europe between 2009 and 2018. <i>Microorganisms</i> , 2020 , 8,	4.9	4
18	ACoRE: Accurate SARS-CoV-2 genome reconstruction for the characterization of intra-host and inter-host viral diversity in clinical samples and for the evaluation of re-infections. <i>Genomics</i> , 2021 , 113, 1628-1638	4.3	4
17	Prosthetic joint infection due to Mycobacterium xenopi: a review of the literature with a new case report. <i>Infection</i> , 2020 , 48, 165-171	5.8	4
16	Antibody response to BTN162b2 mRNA vaccination in naïve versus SARS-CoV-2 infected subjects with and without waning immunity		3
15	Immunogenicity and pre-clinical efficacy of an OMV-based SARS-CoV-2 vaccine		3
14	Antibody response in individuals infected with SARS-CoV-2 early after the first dose of the BNT162b2 mRNA vaccine. <i>Journal of Infection</i> , 2021 ,	18.9	3
13	Dynamics of anti-malarial antibodies in non-immune patients during and after a first and unique Plasmodium falciparum malaria episode. <i>Malaria Journal</i> , 2020 , 19, 228	3.6	2
12	Molecular techniques for the genomic viral RNA detection of West Nile, Dengue, Zika and Chikungunya arboviruses: a narrative review. <i>Expert Review of Molecular Diagnostics</i> , 2021 , 21, 591-612	3.8	2
11	Impact of Full Vaccination with mRNA BNT162b2 on SARS-CoV-2 Infection: Genomic and Subgenomic Viral RNAs Detection in Nasopharyngeal Swab and Saliva of Health Care Workers. <i>Microorganisms</i> , 2021 , 9,	4.9	2
10	, , and Intestinal Protozoal Co-Infections in Italian and Immigrant Populations: A Cross-Sectional Study.. <i>Microorganisms</i> , 2022 , 10,	4.9	2
9	Systemic profile of immune factors in an elderly Italian population affected by chronic strongyloidiasis. <i>Parasites and Vectors</i> , 2020 , 13, 515	4	1
8	P.2.d.007 Proteomic analysis of hippocampus and frontal cortex in a rat model of depression with gene-environment interaction and antidepressant treatment. <i>European Neuropsychopharmacology</i> , 2006 , 16, S336-S337	1.2	1
7	Sensitivity, specificity and predictive values of molecular and serological tests for COVID-19		1
6	Preliminary comparison between an in-house real-time PCR vs microscopy for the diagnosis of Loa loa and Mansonella perstans. <i>Acta Tropica</i> , 2021 , 216, 105838	3.2	1

- 5 Monoclonal Antibodies for Protozoan Infections: A Future Reality or a Utopic Idea?. *Frontiers in Medicine*, **2021**, 8, 745665 4.9 ○
- 4 Identification of New BMP6 Pro-Peptide Mutations in Patients with Unexplained Iron-Overload. *Blood*, **2016**, 128, 264-264 2.2
- 3 Proteome Effects of Antidepressant Medications. *Advances in Neurobiology*, **2011**, 399-441 2.1
- 2 Preliminary evaluation of a new Schistosoma Immunochromatographic Test. *Acta Tropica*, **2021**, 219, 105893 3.2
- 1 Preliminary Comparison of an in-House Real-Time PCR with the Automated BD Max Enteric Parasite Panel for the Detection of *Giardia intestinalis*. *Journal of Parasitology*, **2018**, 104, 702-704 0.9