

# Paola Roncada

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

3,107  
citations

101496

36  
h-index

182361

51  
g-index

106  
all docs

106  
docs citations

106  
times ranked

4760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Farm animal milk proteomics. <i>Journal of Proteomics</i> , 2012, 75, 4259-4274.	1.2	145
2	Animal board invited review: advances in proteomics for animal and food sciences. <i>Animal</i> , 2015, 9, 1-17.	1.3	143
3	Antimicrobial Resistance in Veterinary Medicine: An Overview. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1914.	1.8	133
4	Comparative computational analysis of SARS-CoV-2 nucleocapsid protein epitopes in taxonomically related coronaviruses. <i>Microbes and Infection</i> , 2020, 22, 188-194.	1.0	117
5	Progress in Alternative Strategies to Combat Antimicrobial Resistance: Focus on Antibiotics. <i>Antibiotics</i> , 2022, 11, 200.	1.5	101
6	Are Physicochemical Properties Shaping the Allergenic Potency of Plant Allergens?. <i>Clinical Reviews in Allergy and Immunology</i> , 2022, 62, 37-63.	2.9	99
7	Transmission of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) to animals: an updated review. <i>Journal of Translational Medicine</i> , 2020, 18, 358.	1.8	97
8	Milk microbiota: Characterization methods and role in cheese production. <i>Journal of Proteomics</i> , 2020, 210, 103534.	1.2	96
9	Are Physicochemical Properties Shaping the Allergenic Potency of Animal Allergens?. <i>Clinical Reviews in Allergy and Immunology</i> , 2022, 62, 1-36.	2.9	86
10	Proteomics of inflammatory and oxidative stress response in cows with subclinical and clinical mastitis. <i>Journal of Proteomics</i> , 2012, 75, 4412-4428.	1.2	85
11	Proteomics in food: Quality, safety, microbes, and allergens. <i>Proteomics</i> , 2016, 16, 799-815.	1.3	75
12	Identification of caseins in goat milk. <i>Proteomics</i> , 2002, 2, 723-726.	1.3	74
13	Toward the Standardization of Mitochondrial Proteomics: The Italian Mitochondrial Human Proteome Project Initiative. <i>Journal of Proteome Research</i> , 2017, 16, 4319-4329.	1.8	66
14	Improved binding of SARS-CoV-2 Envelope protein to tight junction-associated PALS1 could play a key role in COVID-19 pathogenesis. <i>Microbes and Infection</i> , 2020, 22, 592-597.	1.0	61
15	Molecular basis of COVID-19 relationships in different species: a one health perspective. <i>Microbes and Infection</i> , 2020, 22, 218-220.	1.0	60
16	Proteomics and the search for welfare and stress biomarkers in animal production in the one-health context. <i>Molecular BioSystems</i> , 2016, 12, 2024-2035.	2.9	56
17	Unravelling the bull fertility proteome. <i>Molecular BioSystems</i> , 2013, 9, 1188.	2.9	55
18	Applications of MALDI-TOF mass spectrometry in clinical proteomics. <i>Expert Review of Proteomics</i> , 2018, 15, 683-696.	1.3	55

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19	Early-life gut microbiota under physiological and pathological conditions: The central role of combined meta-omics-based approaches. <i>Journal of Proteomics</i> , 2012, 75, 4580-4587.	1.2	52
20	Proteomic evaluation of milk from different mammalian species as a substitute for breast milk. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005, 94, 1708-1713.	0.7	50
21	Solubilization methods and reference 2-DE map of cow milk fat globules. <i>Journal of Proteomics</i> , 2009, 72, 853-864.	1.2	49
22	Proteomic evaluation of milk from different mammalian species as a substitute for breast milk. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005, 94, 1708-1713.	0.7	48
23	NMDARs Mediate the Role of Monoamine Oxidase A in Pathological Aggression. <i>Journal of Neuroscience</i> , 2012, 32, 8574-8582.	1.7	47
24	Differential protein profile in sexed bovine semen: shotgun proteomics investigation. <i>Molecular BioSystems</i> , 2014, 10, 1264-1271.	2.9	47
25	Gut-Brain Axis and Neurodegeneration: State-of-the-Art of Meta-Omics Sciences for Microbiota Characterization. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4045.	1.8	46
26	Precision medicine in cow's milk allergy: proteomics perspectives from allergens to patients. <i>Journal of Proteomics</i> , 2018, 188, 173-180.	1.2	45
27	Comparative proteomics to evaluate multi drug resistance in <i>Escherichia coli</i> . <i>Molecular BioSystems</i> , 2012, 8, 1060-1067.	2.9	44
28	Unravelling the effect of clostridia spores and lysozyme on microbiota dynamics in Grana Padano cheese: A metaproteomics approach. <i>Journal of Proteomics</i> , 2016, 147, 21-27.	1.2	42
29	Current (Food) Allergenic Risk Assessment: Is It Fit for Novel Foods? Status Quo and Identification of Gaps. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700278.	1.5	42
30	Perusal of food allergens analysis by mass spectrometry-based proteomics. <i>Journal of Proteomics</i> , 2020, 215, 103636.	1.2	42
31	Isolation rearing-induced reduction of brain 5 $\alpha$ -reductase expression: Relevance to dopaminergic impairments. <i>Neuropharmacology</i> , 2011, 60, 1301-1308.	2.0	41
32	A discovery-phase urine proteomics investigation in type 1 diabetes. <i>Acta Diabetologica</i> , 2012, 49, 453-464.	1.2	41
33	Immunoinformatic analysis of the SARS-CoV-2 envelope protein as a strategy to assess cross-protection against COVID-19. <i>Microbes and Infection</i> , 2020, 22, 182-187.	1.0	41
34	Changes in protein expression profiles in bovine endometrial epithelial cells exposed to <i>E. coli</i> LPS challenge. <i>Molecular BioSystems</i> , 2017, 13, 392-405.	2.9	38
35	Proteomics as a tool to explore human milk in health and disease. <i>Journal of Proteomics</i> , 2013, 88, 47-57.	1.2	37
36	Mechanisms of antibiotic resistance to enrofloxacin in uropathogenic <i>Escherichia coli</i> in dog. <i>Journal of Proteomics</i> , 2015, 127, 365-376.	1.2	37

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37	Protective effects of S-nitrosoalbumin on lung injury induced by hypoxia-reoxygenation in mouse model of sickle cell disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L457-L465.	1.3	30
38	The relevance of carbon dioxide metabolism in <i>Streptococcus thermophilus</i> . <i>Microbiology (United Kingdom)</i> , 2007, 151, 1010-1017.	0.7	30
39	Proteomics to investigate fertility in bulls. <i>Veterinary Research Communications</i> , 2010, 34, 33-36.	0.6	30
40	Pharmacological treatments in asthma-affected horses: A pairwise and network meta-analysis. <i>Equine Veterinary Journal</i> , 2017, 49, 710-717.	0.9	28
41	The Neurosteroidogenic Enzyme 5 $\alpha$ -Reductase Mediates Psychotic-Like Complications of Sleep Deprivation. <i>Neuropsychopharmacology</i> , 2017, 42, 2196-2205.	2.8	26
42	Propofol protects against opioid-induced hyperresponsiveness of airway smooth muscle in a horse model of target-controlled infusion anaesthesia. <i>European Journal of Pharmacology</i> , 2015, 765, 463-471.	1.7	25
43	Serum protein profiling of early and advanced stage Crohn's disease. <i>EuPA Open Proteomics</i> , 2014, 3, 48-59.	2.5	23
44	Preparative isoelectric focusing in multicompartiment electrolyzers: Novel, hydrolytically stable and hydrophilic isoelectric membranes. <i>Electrophoresis</i> , 1994, 15, 953-959.	1.3	22
45	Differential effect of lithium on spermidine/spermine N1-acetyltransferase expression in suicidal behaviour. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 2209-2218.	1.0	21
46	Identification of immunoreactive proteins of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Proteomics</i> , 2015, 15, 813-823.	1.3	21
47	Highlights of the Biology and Disease-driven Human Proteome Project, 2015-2016. <i>Journal of Proteome Research</i> , 2016, 15, 3979-3987.	1.8	21
48	Gating deficits in isolation-reared rats are correlated with alterations in protein expression in nucleus accumbens. <i>Journal of Neurochemistry</i> , 2009, 108, 611-620.	2.1	20
49	Occurrence of ochratoxin A in typical salami produced in different regions of Italy. <i>Mycotoxin Research</i> , 2019, 35, 141-148.	1.3	19
50	Computational Immune Proteomics Approach to Target COVID-19. <i>Journal of Proteome Research</i> , 2020, 19, 4233-4241.	1.8	19
51	Comparative Proteomic Analysis of Serum from Patients with Systemic Sclerosis and Sclerodermatous GVHD. Evidence of Defective Function of Factor H. <i>PLoS ONE</i> , 2010, 5, e12162.	1.1	19
52	A Proteomic Approach to Investigate Immunity Against R. Equi in Foals. <i>Veterinary Research Communications</i> , 2005, 29, 215-219.	0.6	17
53	A MALDI-TOF MS Approach for Mammalian, Human, and Formula Milks <sup>TM</sup> Profiling. <i>Nutrients</i> , 2018, 10, 1238.	1.7	17
54	Acrylamide-agarose copolymers: Improved resolution of high molecular mass proteins in two-dimensional gel electrophoresis. <i>Proteomics</i> , 2005, 5, 2331-2339.	1.3	16

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55	A Proteomics Perspective: From Animal Welfare to Food Safety. <i>Current Protein and Peptide Science</i> , 2014, 15, 156-168.	0.7	16
56	Exploring the neural mechanisms of finasteride: a proteomic analysis in the nucleus accumbens. <i>Psychoneuroendocrinology</i> , 2016, 74, 387-396.	1.3	14
57	Proteomic Analysis Reveals a Biofilm-Like Behavior of Planktonic Aggregates of <i>Staphylococcus epidermidis</i> Grown Under Environmental Pressure/Stress. <i>Frontiers in Microbiology</i> , 2019, 10, 1909.	1.5	14
58	Serum proteomic profiles in CKCS with Mitral valve disease. <i>BMC Veterinary Research</i> , 2016, 13, 43.	0.7	13
59	Rapid Liquid AP-MALDI MS Profiling of Lipids and Proteins from Goat and Sheep Milk for Speciation and Colostrum Analysis. <i>Proteomes</i> , 2020, 8, 20.	1.7	13
60	LC-MS/MS Analysis of Five Neonicotinoid Pesticides in Sheep and Cow Milk Samples Collected in Jordan Valley. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 347-352.	1.3	12
61	Anthelmintic medicinal plants in veterinary ethnopharmacology: A network meta-analysis following the PRISMA-P and PROSPERO recommendations. <i>Heliyon</i> , 2020, 6, e03256.	1.4	12
62	Clinical effect of corticosteroids in asthma-affected horses: A quantitative synthesis. <i>Equine Veterinary Journal</i> , 2018, 50, 594-601.	0.9	11
63	Raw Cow Milk Bacterial Consortium as Bioindicator of Circulating Anti-Microbial Resistance (AMR). <i>Animals</i> , 2020, 10, 2378.	1.0	11
64	Occurrence of Ochratoxin A in Different Types of Cheese Offered for Sale in Italy. <i>Toxins</i> , 2021, 13, 540.	1.5	11
65	The Mitochondrial Italian Human Proteome Project Initiative (mt-HPP). <i>Molecular BioSystems</i> , 2013, 9, 1984-92.	2.9	10
66	A Novel and Effective Balanced Intravenous-Inhalant Anaesthetic Protocol in Swine by Using Unrestricted Drugs. <i>Experimental Animals</i> , 2014, 63, 423-433.	0.7	10
67	Protein components of goat's milk.. , 2008, , 71-94.		10
68	Immunoprophylaxis pharmacotherapy against canine leishmaniosis: A systematic review and meta-analysis on the efficacy of vaccines approved in European Union. <i>Vaccine</i> , 2020, 38, 6695-6703.	1.7	9
69	New applications of advanced instrumental techniques for the characterization of food allergenic proteins. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 8686-8702.	5.4	9
70	Empowering Spot Detection in 2DE Images by Wavelet Denoising. <i>In Silico Biology</i> , 2009, 9, 125-133.	0.4	8
71	Proteomic study of antibiotic resistance in <i>Escherichia coli</i> strains. <i>Veterinary Research Communications</i> , 2009, 33, 157-160.	0.6	8
72	Metaproteomic investigation to assess gut microbiota shaping in newborn mice: A combined taxonomic, functional and quantitative approach. <i>Journal of Proteomics</i> , 2019, 203, 103378.	1.2	8

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73	Blood Serum Proteome for Welfare Evaluation in Pigs. <i>Veterinary Research Communications</i> , 2007, 31, 321-325.	0.6	7
74	One medicine "one health" one biology and many proteins: proteomics on the verge of the One Health approach. <i>Molecular BioSystems</i> , 2014, 10, 1226.	2.9	7
75	<i>S. aureus</i> Biofilm Protein Expression Linked to Antimicrobial Resistance: A Proteomic Study. <i>Animals</i> , 2021, 11, 966.	1.0	7
76	Immunoinformatic-Based Prediction of Candidate Epitopes for the Diagnosis and Control of Paratuberculosis ( <i>Johne's</i> Disease). <i>Pathogens</i> , 2020, 9, 705.	1.2	6
77	Review: Colostrum as an Emerging food: Nutraceutical Properties and Food Supplement. <i>Food Reviews International</i> , 2023, 39, 4636-4664.	4.3	6
78	Draft Genome Sequence of <i>Clostridium tyrobutyricum</i> Strain DIVETGP, Isolated from Cow's Milk for Grana Padano Production. <i>Genome Announcements</i> , 2015, 3, .	0.8	5
79	Draft Genome Sequence of <i>Staphylococcus epidermidis</i> Clinical Strain GOI1153754-03-14 Isolated from an Infected Knee Prosthesis. <i>Genome Announcements</i> , 2017, 5, .	0.8	5
80	Unraveling the Adipose Tissue Proteome of Transition Cows through Severe Negative Energy Balance. <i>Animals</i> , 2019, 9, 1013.	1.0	5
81	Plants with Antimicrobial Activity Growing in Italy: A Pathogen-Driven Systematic Review for Green Veterinary Pharmacology Applications. <i>Antibiotics</i> , 2022, 11, 919.	1.5	5
82	Comparison of Two Diagnostic Techniques for the <i>Apis mellifera</i> Varroaosis: Strengths, Weaknesses and Impact on the Honeybee Health. <i>Veterinary Sciences</i> , 2022, 9, 354.	0.6	5
83	Welfare and Immune Response. <i>Veterinary Research Communications</i> , 2007, 31, 97-102.	0.6	4
84	Peptidomics in veterinary science: focus on bovine paratuberculosis. <i>Peptidomics</i> , 2015, 2, .	0.3	4
85	Foodomics - Novel insights in food and nutrition domains. <i>Journal of Proteomics</i> , 2016, 147, 1-2.	1.2	4
86	Clinical efficacy of bronchodilators in equine asthma: Looking for minimal important difference. <i>Equine Veterinary Journal</i> , 2020, 52, 305-313.	0.9	4
87	Proteomic Analysis of Fresh and Liquid-Stored Boar Spermatozoa. <i>Animals</i> , 2020, 10, 553.	1.0	4
88	Swine Ochratoxicosis: Proteomic Investigation of Epatic Bioindicators. <i>Veterinary Research Communications</i> , 2004, 28, 371-375.	0.6	3
89	Geographical characteristics influencing the risk of poisoning in pet dogs: Results of a large population-based epidemiological study in Italy. <i>Veterinary Journal</i> , 2018, 235, 63-69.	0.6	3
90	Isolated airways in equine respiratory pharmacology: They never lie. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 59, 101849.	1.1	3

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91	Assessment of Ochratoxin A Exposure in Ornamental and Self-Consumption Backyard Chickens. <i>Veterinary Sciences</i> , 2020, 7, 18.	0.6	3
92	Comparative proteomics of <i>Brucella melitensis</i> is a useful toolbox for developing prophylactic interventions in a One-Health context. <i>One Health</i> , 2021, 13, 100253.	1.5	3
93	Integrative proteomics: perspective in complex system interpretation. <i>Molecular BioSystems</i> , 2012, 8, 951.	2.9	2
94	Digital and analogical reality in proteomics investigation. <i>Molecular BioSystems</i> , 2013, 9, 1062.	2.9	2
95	Occurrence of Histamine in Commercial Cat Foods under Different Storage Conditions. <i>Veterinary Sciences</i> , 2022, 9, 270.	0.6	2
96	Alpha1-acid glycoprotein post-translational modifications: a comparative two dimensional electrophoresis based analysis. <i>Italian Journal of Animal Science</i> , 2007, 6, 430-432.	0.8	1
97	Inductive proteomics and large dataset collections. <i>Molecular BioSystems</i> , 2015, 11, 1485-1486.	2.9	1
98	Occurrence of Aflatoxin M1 (AFM1) in Donkey Milk Collected in Northern Italy. <i>Veterinary Sciences</i> , 2020, 7, 176.	0.6	1
99	Use of Flubendazole and Fenbendazole for Treatment of Lung Severe Infection by the Gapeworm <i>Cyathostoma bronchialis</i> (Nematoda: Syngamidae) in <i>Branta hutchinsii</i> , <i>Anser indicus</i> and <i>B. leucopsis</i> Exotic Geese: An Interesting Case. <i>Veterinary Sciences</i> , 2021, 8, 147.	0.6	1
100	Proteomics and renaissance: accounts of the V Italian Proteomics Association Congress, Florence 2010. <i>Molecular BioSystems</i> , 2011, 7, 577.	2.9	0
101	Proteomics: Back to the future. <i>EuPA Open Proteomics</i> , 2016, 11, 45-46.	2.5	0
102	Proteomics in Milk and Dairy Products. , 2018, , 169-193.		0
103	Foodomics and Microbiological Risk Assessment of Food. , 2021, , 87-93.		0
104	Proteomics of Membrane from Human Sickle and Normal Fractioned Red Cells Identifies Different Expression of Stress-Response Proteins.. <i>Blood</i> , 2004, 104, 3568-3568.	0.6	0
105	Role of Mitochondria in Host-Pathogen Interaction. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1158, 45-57.	0.8	0