

# Paola Roncada

## List of Publications by Year in descending order

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105  
papers

3,107  
citations

101543  
36  
h-index

182427  
51  
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106  
all docs

106  
docs citations

106  
times ranked

4760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: Colostrum as an Emerging food: Nutraceutical Properties and Food Supplement. Food Reviews International, 2023, 39, 4636-4664.	8.4	6
2	Are Physicochemical Properties Shaping the Allergenic Potency of Plant Allergens?. Clinical Reviews in Allergy and Immunology, 2022, 62, 37-63.	6.5	99
3	Are Physicochemical Properties Shaping the Allergenic Potency of Animal Allergens?. Clinical Reviews in Allergy and Immunology, 2022, 62, 1-36.	6.5	86
4	New applications of advanced instrumental techniques for the characterization of food allergenic proteins. Critical Reviews in Food Science and Nutrition, 2022, 62, 8686-8702.	10.3	9
5	Progress in Alternative Strategies to Combat Antimicrobial Resistance: Focus on Antibiotics. Antibiotics, 2022, 11, 200.	3.7	101
6	Occurrence of Histamine in Commercial Cat Foods under Different Storage Conditions. Veterinary Sciences, 2022, 9, 270.	1.7	2
7	Plants with Antimicrobial Activity Growing in Italy: A Pathogen-Driven Systematic Review for Green Veterinary Pharmacology Applications. Antibiotics, 2022, 11, 919.	3.7	5
8	Comparison of Two Diagnostic Techniques for the Apis mellifera Varroaosis: Strengths, Weaknesses and Impact on the Honeybee Health. Veterinary Sciences, 2022, 9, 354.	1.7	5
9	Foodomics and Microbiological Risk Assessment of Food. , 2021, , 87-93.		0
10	S. aureus Biofilm Protein Expression Linked to Antimicrobial Resistance: A Proteomic Study. Animals, 2021, 11, 966.	2.3	7
11	Use of Flubendazole and Fenbendazole for Treatment of Lung Severe Infection by the Gapeworm Cyathostoma bronchialis (Nematoda: Syngamidae) in Branta hutchinsii, Anser indicus and B. leucopsis Exotic Geese: An Interesting Case. Veterinary Sciences, 2021, 8, 147.	1.7	1
12	Occurrence of Ochratoxin A in Different Types of Cheese Offered for Sale in Italy. Toxins, 2021, 13, 540.	3.4	11
13	Comparative proteomics of Brucella melitensis is a useful toolbox for developing prophylactic interventions in a One-Health context. One Health, 2021, 13, 100253.	3.4	3
14	Clinical efficacy of bronchodilators in equine asthma: Looking for minimal important difference. Equine Veterinary Journal, 2020, 52, 305-313.	1.7	4
15	Milk microbiota: Characterization methods and role in cheese production. Journal of Proteomics, 2020, 210, 103534.	2.4	96
16	Perusal of food allergens analysis by mass spectrometry-based proteomics. Journal of Proteomics, 2020, 215, 103636.	2.4	42
17	Immunoprophylaxis pharmacotherapy against canine leishmaniosis: A systematic review and meta-analysis on the efficacy of vaccines approved in European Union. Vaccine, 2020, 38, 6695-6703.	3.8	9
18	Occurrence of Aflatoxin M1 (AFM1) in Donkey Milk Collected in Northern Italy. Veterinary Sciences, 2020, 7, 176.	1.7	1

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19	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.	4.4	97
20	Computational Immune Proteomics Approach to Target COVID-19. <i>Journal of Proteome Research</i> , 2020, 19, 4233-4241.	3.7	19
21	Immunoinformatic-Based Prediction of Candidate Epitopes for the Diagnosis and Control of Paratuberculosis ( <i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i> Disease). <i>Pathogens</i> , 2020, 9, 705.	2.8	6
22	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.	3.5	13
23	Raw Cow Milk Bacterial Consortium as Bioindicator of Circulating Anti-Microbial Resistance (AMR). <i>Animals</i> , 2020, 10, 2378.	2.3	11
24	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.	1.9	61
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.	4.1	46
26	Molecular basis of COVID-19 relationships in different species: a one health perspective. <i>Microbes and Infection</i> , 2020, 22, 218-220.	1.9	60
27	Antimicrobial Resistance in Veterinary Medicine: An Overview. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1914.	4.1	133
28	Anthelmintic medicinal plants in veterinary ethnopharmacology: A network meta-analysis following the PRISMA-P and PROSPERO recommendations. <i>Heliyon</i> , 2020, 6, e03256.	3.2	12
29	Assessment of Ochratoxin A Exposure in Ornamental and Self-Consumption Backyard Chickens. <i>Veterinary Sciences</i> , 2020, 7, 18.	1.7	3
30	Proteomic Analysis of Fresh and Liquid-Stored Boar Spermatozoa. <i>Animals</i> , 2020, 10, 553.	2.3	4
31	Comparative computational analysis of SARS-CoV-2 nucleocapsid protein epitopes in taxonomically related coronaviruses. <i>Microbes and Infection</i> , 2020, 22, 188-194.	1.9	117
32	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.	1.9	41
33	Isolated airways in equine respiratory pharmacology: They never lie. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 59, 101849.	2.6	3
34	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.	3.5	14
35	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.	2.7	12
36	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.	2.4	8

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37	Unraveling the Adipose Tissue Proteome of Transition Cows through Severe Negative Energy Balance. <i>Animals</i> , 2019, 9, 1013.	2.3	5
38	Occurrence of ochratoxin A in typical salami produced in different regions of Italy. <i>Mycotoxin Research</i> , 2019, 35, 141-148.	2.3	19
39	Role of Mitochondria in Host-Pathogen Interaction. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1158, 45-57.	1.6	0
40	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.	1.7	3
41	Clinical effect of corticosteroids in asthma-affected horses: A quantitative synthesis. <i>Equine Veterinary Journal</i> , 2018, 50, 594-601.	1.7	11
42	Proteomics in Milk and Dairy Products. , 2018, , 169-193.		0
43	Precision medicine in cow's milk allergy: proteomics perspectives from allergens to patients. <i>Journal of Proteomics</i> , 2018, 188, 173-180.	2.4	45
44	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.	3.3	42
45	A MALDI-TOF MS Approach for Mammalian, Human, and Formula Milks™ Profiling. <i>Nutrients</i> , 2018, 10, 1238.	4.1	17
46	Applications of MALDI-TOF mass spectrometry in clinical proteomics. <i>Expert Review of Proteomics</i> , 2018, 15, 683-696.	3.0	55
47	The Neurosteroidogenic Enzyme 5 $\alpha$ -Reductase Mediates Psychotic-Like Complications of Sleep Deprivation. <i>Neuropsychopharmacology</i> , 2017, 42, 2196-2205.	5.4	26
48	Pharmacological treatments in asthma-affected horses: A pairwise and network meta-analysis. <i>Equine Veterinary Journal</i> , 2017, 49, 710-717.	1.7	28
49	Changes in protein expression profiles in bovine endometrial epithelial cells exposed to E. coli LPS challenge. <i>Molecular BioSystems</i> , 2017, 13, 392-405.	2.9	38
50	Toward the Standardization of Mitochondrial Proteomics: The Italian Mitochondrial Human Proteome Project Initiative. <i>Journal of Proteome Research</i> , 2017, 16, 4319-4329.	3.7	66
51	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
52	Proteomics in food: Quality, safety, microbes, and allergens. <i>Proteomics</i> , 2016, 16, 799-815.	2.2	75
53	Serum proteomic profiles in CKCS with Mitral valve disease. <i>BMC Veterinary Research</i> , 2016, 13, 43.	1.9	13
54	Highlights of the Biology and Disease-driven Human Proteome Project, 2015-2016. <i>Journal of Proteome Research</i> , 2016, 15, 3979-3987.	3.7	21

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55	Foodomics - Novel insights in food and nutrition domains. Journal of Proteomics, 2016, 147, 1-2.	2.4	4
56	Exploring the neural mechanisms of finasteride: a proteomic analysis in the nucleus accumbens. Psychoneuroendocrinology, 2016, 74, 387-396.	2.7	14
57	Proteomics: Back to the future. EuPA Open Proteomics, 2016, 11, 45-46.	2.5	0
58	Unravelling the effect of clostridia spores and lysozyme on microbiota dynamics in Grana Padano cheese: A metaproteomics approach. Journal of Proteomics, 2016, 147, 21-27.	2.4	42
59	Proteomics and the search for welfare and stress biomarkers in animal production in the one-health context. Molecular BioSystems, 2016, 12, 2024-2035.	2.9	56
60	Animal board invited review: advances in proteomics for animal and food sciences. Animal, 2015, 9, 1-17.	3.3	143
61	Peptidomics in veterinary science: focus on bovine paratuberculosis. Peptidomics, 2015, 2, .	0.3	4
62	Identification of immunoreactive proteins of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . Proteomics, 2015, 15, 813-823.	2.2	21
63	Draft Genome Sequence of Clostridium tyrobutyricum Strain DIVETGP, Isolated from Cow's Milk for Grana Padano Production. Genome Announcements, 2015, 3, .	0.8	5
64	Inductive proteomics and large dataset collections. Molecular BioSystems, 2015, 11, 1485-1486.	2.9	1
65	Mechanisms of antibiotic resistance to enrofloxacin in uropathogenic Escherichia coli in dog. Journal of Proteomics, 2015, 127, 365-376.	2.4	37
66	Propofol protects against opioid-induced hyperresponsiveness of airway smooth muscle in a horse model of target-controlled infusion anaesthesia. European Journal of Pharmacology, 2015, 765, 463-471.	3.5	25
67	One medicine “one health” one biology and many proteins: proteomics on the verge of the One Health approach. Molecular BioSystems, 2014, 10, 1226.	2.9	7
68	Differential protein profile in sexed bovine semen: shotgun proteomics investigation. Molecular BioSystems, 2014, 10, 1264-1271.	2.9	47
69	Serum protein profiling of early and advanced stage Crohn's disease. EuPA Open Proteomics, 2014, 3, 48-59.	2.5	23
70	A Novel and Effective Balanced Intravenous-Inhalant Anaesthetic Protocol in Swine by Using Unrestricted Drugs. Experimental Animals, 2014, 63, 423-433.	1.1	10
71	A Proteomics Perspective: From Animal Welfare to Food Safety. Current Protein and Peptide Science, 2014, 15, 156-168.	1.4	16
72	Proteomics as a tool to explore human milk in health and disease. Journal of Proteomics, 2013, 88, 47-57.	2.4	37

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73	Digital and analogical reality in proteomics investigation. Molecular BioSystems, 2013, 9, 1062.	2.9	2
74	Unravelling the bull fertility proteome. Molecular BioSystems, 2013, 9, 1188.	2.9	55
75	The Mitochondrial Italian Human Proteome Project Initiative (mt-HPP). Molecular BioSystems, 2013, 9, 1984-92.	2.9	10
76	Differential effect of lithium on spermidine/spermine N1-acetyltransferase expression in suicidal behaviour. International Journal of Neuropsychopharmacology, 2013, 16, 2209-2218.	2.1	21
77	Integrative proteomics: perspective in complex system interpretation. Molecular BioSystems, 2012, 8, 951.	2.9	2
78	Early-life gut microbiota under physiological and pathological conditions: The central role of combined meta-omics-based approaches. Journal of Proteomics, 2012, 75, 4580-4587.	2.4	52
79	Proteomics of inflammatory and oxidative stress response in cows with subclinical and clinical mastitis. Journal of Proteomics, 2012, 75, 4412-4428.	2.4	85
80	Farm animal milk proteomics. Journal of Proteomics, 2012, 75, 4259-4274.	2.4	145
81	NMDARs Mediate the Role of Monoamine Oxidase A in Pathological Aggression. Journal of Neuroscience, 2012, 32, 8574-8582.	3.6	47
82	Comparative proteomics to evaluate multi drug resistance in Escherichia coli. Molecular BioSystems, 2012, 8, 1060-1067.	2.9	44
83	A discovery-phase urine proteomics investigation in type 1 diabetes. Acta Diabetologica, 2012, 49, 453-464.	2.5	41
84	Proteomics and renaissance: accounts of the V Italian Proteomics Association Congress, Florence 2010. Molecular BioSystems, 2011, 7, 577.	2.9	0
85	Isolation rearing-induced reduction of brain 5 $\alpha$ -reductase expression: Relevance to dopaminergic impairments. Neuropharmacology, 2011, 60, 1301-1308.	4.1	41
86	Proteomics to investigate fertility in bulls. Veterinary Research Communications, 2010, 34, 33-36.	1.6	30
87	Comparative Proteomic Analysis of Serum from Patients with Systemic Sclerosis and Sclerodermatous GVHD. Evidence of Defective Function of Factor H. PLoS ONE, 2010, 5, e12162.	2.5	19
88	Empowering Spot Detection in 2DE Images by Wavelet Denoising. In Silico Biology, 2009, 9, 125-133.	0.9	8
89	The relevance of carbon dioxide metabolism in Streptococcus thermophilus. Microbiology (United Kingdom), 2009, 153, 1073-1081.	1.8	30
90	Proteomic study of antibiotic resistance in Escherichia coli strains. Veterinary Research Communications, 2009, 33, 157-160.	1.6	8

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91	Gating deficits in isolation-reared rats are correlated with alterations in protein expression in nucleus accumbens. Journal of Neurochemistry, 2009, 108, 611-620.	3.9	20
92	Solubilization methods and reference 2-DE map of cow milk fat globules. Journal of Proteomics, 2009, 72, 853-864.	2.4	49
93	Protein components of goat's milk.., 2008, , 71-94.		10
94	Alpha1-acid glycoprotein post-translational modifications: a comparative two dimensional electrophoresis based analysis. Italian Journal of Animal Science, 2007, 6, 430-432.	1.9	1
95	Welfare and Immune Response. Veterinary Research Communications, 2007, 31, 97-102.	1.6	4
96	Blood Serum Proteome for Welfare Evaluation in Pigs. Veterinary Research Communications, 2007, 31, 321-325.	1.6	7
97	Protective effects of S-nitrosoalbumin on lung injury induced by hypoxia-reoxygenation in mouse model of sickle cell disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L457-L465.	2.9	30
98	A Proteomic Approach to Investigate Immunity Against R. Equi in Foals. Veterinary Research Communications, 2005, 29, 215-219.	1.6	17
99	Acrylamide-agarose copolymers: Improved resolution of high molecular mass proteins in two-dimensional gel electrophoresis. Proteomics, 2005, 5, 2331-2339.	2.2	16
100	Proteomic evaluation of milk from different mammalian species as a substitute for breast milk. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 1708-1713.	1.5	48
101	Proteomic evaluation of milk from different mammalian species as a substitute for breast milk. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 1708-1713.	1.5	50
102	Swine Ochratoxicosis: Proteomic Investigation of Epatic Bioindicators. Veterinary Research Communications, 2004, 28, 371-375.	1.6	3
103	Proteomics of Membrane from Human Sickle and Normal Fractioned Red Cells Identifies Different Expression of Stress-Response Proteins.. Blood, 2004, 104, 3568-3568.	1.4	0
104	Identification of caseins in goat milk. Proteomics, 2002, 2, 723-726.	2.2	74
105	Preparative isoelectric focusing in multicompartement electrolyzers: Novel, hydrolytically stable and hydrophilic isoelectric membranes. Electrophoresis, 1994, 15, 953-959.	2.4	22