

Lorena Franco

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,858
citations

361413

20
h-index

302126

39
g-index

80
all docs

80
docs citations

80
times ranked

2360
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of nanoplastics on <i>Mytilus galloprovincialis</i> after individual and combined exposure with carbamazepine. <i>Science of the Total Environment</i> , 2018, 643, 775-784.	8.0	280
2	Spectrophotometric assays for total antioxidant capacity (TAC) in dog serum: an update. <i>BMC Veterinary Research</i> , 2016, 12, 166.	1.9	200
3	Obesity-related metabolic dysfunction in dogs: a comparison with human metabolic syndrome. <i>BMC Veterinary Research</i> , 2012, 8, 147.	1.9	98
4	Use of Saliva for Diagnosis and Monitoring the SARS-CoV-2: A General Perspective. <i>Journal of Clinical Medicine</i> , 2020, 9, 1491.	2.4	92
5	Validation of spectrophotometric assays for serum paraoxonase type-1 measurement in dogs. <i>American Journal of Veterinary Research</i> , 2012, 73, 34-41.	0.6	81
6	Waterborne exposure of gilthead seabream (<i>Sparus aurata</i>) to polymethylmethacrylate nanoplastics causes effects at cellular and molecular levels. <i>Journal of Hazardous Materials</i> , 2021, 403, 123590.	12.4	56
7	Oral lichen planus: salivary biomarkers cortisol, immunoglobulin <sc>A</sc>, adiponectin. <i>Journal of Oral Pathology and Medicine</i> , 2016, 45, 211-217.	2.7	41
8	Influence of the way of reporting alpha-Amylase values in saliva in different naturalistic situations: A pilot study. <i>PLoS ONE</i> , 2017, 12, e0180100.	2.5	41
9	Serum Acute Phase Protein Concentrations in Female Dogs with Mammary Tumors. <i>Journal of Veterinary Diagnostic Investigation</i> , 2009, 21, 214-219.	1.1	37
10	Serum butyrylcholinesterase and paraoxonase 1 in a canine model of endotoxemia: Effects of choline administration. <i>Research in Veterinary Science</i> , 2012, 93, 668-674.	1.9	37
11	Assessment of Stress Associated with an Oral Public Speech in Veterinary Students by Salivary Biomarkers. <i>Journal of Veterinary Medical Education</i> , 2014, 41, 37-43.	0.6	31
12	Use of heterologous immunoassays for quantification of serum proteins: The case of canine C-reactive protein. <i>PLoS ONE</i> , 2017, 12, e0172188.	2.5	31
13	Esterase activity (EA), total oxidant status (TOS) and total antioxidant capacity (TAC) in gills of <i>Mytilus galloprovincialis</i> exposed to pollutants: Analytical validation and effects evaluation by single and mixed heavy metal exposure. <i>Marine Pollution Bulletin</i> , 2016, 102, 30-35.	5.0	30
14	Adiponectin and IGF-1 are negative acute phase proteins in a dog model of acute endotoxaemia. <i>Veterinary Immunology and Immunopathology</i> , 2011, 140, 147-151.	1.2	29
15	Influence of Sampling Conditions, Salivary Flow, and Total Protein Content in Uric Acid Measurements in Saliva. <i>Antioxidants</i> , 2019, 8, 389.	5.1	29
16	Transport and Recovery of Gilthead Sea Bream (<i>Sparus aurata</i> L.) Sedated With Clove Oil and MS222: Effects on Oxidative Stress Status. <i>Frontiers in Physiology</i> , 2019, 10, 523.	2.8	28
17	Validation of three automated assays for total antioxidant capacity determination in canine serum samples. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 693-698.	1.1	27
18	Measurement of p-nitrophenyl acetate esterase activity (EA), total antioxidant capacity (TAC), total oxidant status (TOS) and acetylcholinesterase (AChE) in gills and digestive gland of <i>Mytilus galloprovincialis</i> exposed to binary mixtures of Pb, Cd and Cu. <i>Environmental Science and Pollution Research</i> , 2016, 23, 25385-25392.	5.3	26

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19	Relationship between serum butyrylcholinesterase and obesity in dogs: A preliminary report. <i>Veterinary Journal</i> , 2010, 186, 197-200.	1.7	25
20	Validation of an automated assay for the measurement of cupric reducing antioxidant capacity in serum of dogs. <i>BMC Veterinary Research</i> , 2016, 12, 137.	1.9	24
21	Salivary Biomarkers and Their Correlation with Pain and Stress in Patients with Burning Mouth Syndrome. <i>Journal of Clinical Medicine</i> , 2020, 9, 929.	2.4	23
22	Total esterase activity in human saliva: Validation of an automated assay, characterization and behaviour after physical stress. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2016, 76, 324-330.	1.2	21
23	Changes in creatine kinase, lactate dehydrogenase and aspartate aminotransferase in saliva samples after an intense exercise: a pilot study. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018, 58, 910-916.	0.7	21
24	Possible Reduction of Cardiac Risk after Supplementation with Epigallocatechin Gallate and Increase of Ketone Bodies in the Blood in Patients with Multiple Sclerosis. A Pilot Study. <i>Nutrients</i> , 2020, 12, 3792.	4.1	20
25	Serum apolipoprotein-A1 as a possible biomarker for monitoring treatment of canine leishmaniosis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2016, 49, 82-87.	1.6	19
26	Changes in serum proteins in dogs with Ehrlichia canis infection. <i>Microbial Pathogenesis</i> , 2017, 113, 34-39.	2.9	19
27	Changes in saliva of dogs with canine leishmaniosis: A proteomic approach. <i>Veterinary Parasitology</i> , 2019, 272, 44-52.	1.8	19
28	Characterization of total adenosine deaminase activity (ADA) and its isoenzymes in saliva and serum in health and inflammatory conditions in four different species: an analytical and clinical validation pilot study. <i>BMC Veterinary Research</i> , 2020, 16, 384.	1.9	19
29	Acute phase proteins and antioxidant responses in queens with pyometra. <i>Theriogenology</i> , 2018, 115, 30-37.	2.1	18
30	Changes in salivary analytes in canine parvovirus: A high-resolution quantitative proteomic study. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2018, 60, 1-10.	1.6	18
31	Serum insulin-like growth factor-1 and C-reactive protein concentrations before and after ovariohysterectomy in bitches with pyometra. <i>Theriogenology</i> , 2015, 83, 474-477.	2.1	17
32	Differences in the accumulation and tissue distribution of Pb, Cd, and Cu in Mediterranean mussels (<i>Mytilus galloprovincialis</i>) exposed to single, binary, and ternary metal mixtures. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6599-6610.	5.3	17
33	Canine demodicosis: the relationship between response to treatment of generalised disease and markers for inflammation and oxidative status. <i>Veterinary Dermatology</i> , 2014, 25, 72.	1.2	16
34	Chemiluminescent assay as an alternative to radioimmunoassay for the measurement of cortisol in plasma and skin mucus of <i>Oncorhynchus mykiss</i> . <i>Ecological Indicators</i> , 2019, 98, 634-640.	6.3	16
35	Measurement of salivary adiponectin concentrations in dogs. <i>Veterinary Clinical Pathology</i> , 2014, 43, 416-421.	0.7	15
36	Acute phase proteins and markers of oxidative stress to assess the severity of the pulmonary hypertension in heartworm-infected dogs. <i>Parasites and Vectors</i> , 2017, 10, 477.	2.5	15

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37	Alterations in haemolymph proteome of <i>Mytilus galloprovincialis</i> mussel after an induced injury. <i>Fish and Shellfish Immunology</i> , 2018, 75, 41-47.	3.6	15
38	Salivary adiponectin, but not adenosine deaminase, correlates with clinical signs in women with Sjögren's syndrome: a pilot study. <i>Clinical Oral Investigations</i> , 2019, 23, 1407-1414.	3.0	15
39	Changes in the Salivary Proteome Associated With Canine Pyometra. <i>Frontiers in Veterinary Science</i> , 2020, 7, 277.	2.2	15
40	Comparative proteomic analysis of saliva from dogs with and without obesity-related metabolic dysfunction. <i>Journal of Proteomics</i> , 2019, 201, 65-72.	2.4	14
41	Analytical validation of an automated assay for ferric-reducing ability of plasma in dog serum. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 574-578.	1.1	13
42	p-Nitrophenyl Acetate Esterase Activity and Cortisol as Biomarkers of Metal Pollution in Blood of Olive Ridley Turtles (<i>Lepidochelys olivacea</i>). <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 25-36.	4.1	13
43	Changes in Serum and Salivary Proteins in Canine Mammary Tumors. <i>Animals</i> , 2020, 10, 741.	2.3	13
44	Toxicogenomics of Gold Nanoparticles in a Marine Fish: Linkage to Classical Biomarkers. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	12
45	Serum proteome of dogs at subclinical and clinical onset of canine leishmaniosis. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 318-327.	3.0	12
46	Serum antioxidant capacity and oxidative damage in clinical and subclinical canine ehrlichiosis. <i>Research in Veterinary Science</i> , 2017, 115, 301-306.	1.9	11
47	Biomarkers of health and welfare: A One Health perspective from the laboratory side. <i>Research in Veterinary Science</i> , 2020, 128, 299-307.	1.9	11
48	Analytical validation of an automated assay for the measurement of adenosine deaminase (ADA) and its isoenzymes in saliva and a pilot evaluation of their changes in patients with SARS-CoV-2 infection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1592-1599.	2.3	11
49	Saliva changes in composition associated to COVID-19: a preliminary study. <i>Scientific Reports</i> , 2022, 12, .	3.3	10
50	Changes in lactate, ferritin, and uric acid in saliva after repeated explosive effort sequences. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 902-909.	0.7	9
51	The Serum and Saliva Proteome of Dogs with Diabetes Mellitus. <i>Animals</i> , 2020, 10, 2261.	2.3	9
52	New potential biomarkers of oxidative stress in <i>Mytilus galloprovincialis</i> : Analytical validation and overlap performance. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 221-222, 44-49.	1.6	8
53	The Effect of Breed, Gender, and Acid Stimulation in Dog Saliva Proteome. <i>BioMed Research International</i> , 2018, 2018, 1-12.	1.9	8
54	Differences on salivary proteome at rest and in response to an acute exercise in men and women: A pilot study. <i>Journal of Proteomics</i> , 2020, 214, 103629.	2.4	8

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55	Changes in Salivary Levels of Creatine Kinase, Lactate Dehydrogenase, and Aspartate Aminotransferase after Playing Rugby Sevens: The Influence of Gender. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8165.	2.6	8
56	Use of some cost-effective technologies for a routine clinical pathology laboratory. <i>Lab on A Chip</i> , 2021, 21, 4330-4351.	6.0	8
57	Salivary Ferritin Changes in Patients with COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 41.	2.6	8
58	Skin Mucus as a Relevant Low-Invasive Biological Matrix for the Measurement of an Acute Stress Response in Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Water (Switzerland)</i> , 2022, 14, 1754.	2.7	8
59	Impact of Saliva Collection and Processing Methods on Aspartate Aminotransferase, Creatin Kinase and Lactate Dehydrogenase Activities. <i>Analytical Sciences</i> , 2018, 34, 619-622.	1.6	7
60	Serum adiponectin concentration in dogs – absence of diurnal variation and lack of effect of feeding and methylprednisolone administration. <i>Acta Veterinaria Hungarica</i> , 2012, 60, 489-500.	0.5	6
61	Teaching the basics of the One Health concept to undergraduate veterinary students. <i>Research in Veterinary Science</i> , 2020, 133, 219-225.	1.9	6
62	Role of Haptoglobin as a Marker of Muscular Improvement in Patients with Multiple Sclerosis after Administration of Epigallocatechin Gallate and Increase of Beta-Hydroxybutyrate in the Blood: A Pilot Study. <i>Biomolecules</i> , 2021, 11, 617.	4.0	6
63	Proteomics-Based Identification of Salivary Changes in Patients with Burning Mouth Syndrome. <i>Biology</i> , 2021, 10, 392.	2.8	6
64	Proteomics in dogs: a systematic review. <i>Research in Veterinary Science</i> , 2022, 143, 107-114.	1.9	6
65	Tools to assess effects of human pharmaceuticals in fish: A case study with gemfibrozil. <i>Ecological Indicators</i> , 2018, 95, 1100-1107.	6.3	5
66	Evaluation of sample treatments in a safe and straightforward procedure for the detection of SARS-CoV-2 in saliva. <i>International Journal of Infectious Diseases</i> , 2021, 108, 413-418.	3.3	5
67	Changes in Biomarkers of Redox Status in Saliva of Pigs after an Experimental Sepsis Induction. <i>Antioxidants</i> , 2022, 11, 1380.	5.1	5
68	Acute phase proteins in dogs naturally infected with the Giant Kidney Worm (<i>Diectophyme</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 0.7	0.7	4
69	Acute phase proteins and biomarkers of oxidative status in feline spontaneous malignant mammary tumours. <i>Veterinary and Comparative Oncology</i> , 2019, 17, 394-406.	1.8	4
70	Methodology Assays for the Salivary Biomarkers™ Identification and Measurement. , 2020, , 67-95.		4
71	Response to Treatment with Melatonin and Clonazepam versus Placebo in Patients with Burning Mouth Syndrome. <i>Journal of Clinical Medicine</i> , 2022, 11, 2516.	2.4	4
72	Serum and salivary adiponectin dynamics in septic and non-septic systemic inflammation in a canine model. <i>Veterinary Immunology and Immunopathology</i> , 2020, 219, 109961.	1.2	3

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73	Evaluation of the Effect of a Live Interview in Journalism Students on Salivary Stress Biomarkers and Conventional Stress Scales. International Journal of Environmental Research and Public Health, 2022, 19, 1920.	2.6	3
74	Low-cost do-it-yourself (DIY) mannequin for blood collection: A comprehensive evaluation about its use in teaching. Research in Veterinary Science, 2022, 148, 15-20.	1.9	3
75	Effect of thermal and chemical treatments used for SARS-COV-2 inactivation in the measurement of saliva analytes. Scientific Reports, 2022, 12, .	3.3	2
76	Evaluation of C-reactive-like protein in Mytilus galloprovincialis. Ecological Indicators, 2019, 106, 105537.	6.3	1
77	Interdisciplinary Collaboration Between Veterinary and Communication Students to Promote Communication Skills: A Qualitative Pilot Study. Frontiers in Veterinary Science, 2020, 7, 586086.	2.2	1
78	Impact of ASFV Detergent Inactivation on Biomarkers in Serum and Saliva Samples. Pathogens, 2022, 11, 750.	2.8	1