

Francesca Arfuso

List of Publications by Year in descending order

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75
papers

1,062
citations

471371

17
h-index

501076

28
g-index

75
all docs

75
docs citations

75
times ranked

1100
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioaccumulation of Heavy Metals in Blood and Tissue of Striped Mullet in Two Italian Lakes. <i>Journal of Aquatic Animal Health</i> , 2014, 26, 278-284.	0.6	118
2	Influence of different salinity on haematological and biochemical parameters of the widely cultured mullet, <i>Mugil cephalus</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2013, 46, 211-218.	0.4	90
3	Monitoring changes in body surface temperature associated with treadmill exercise in dogs by use of infrared methodology. <i>Journal of Thermal Biology</i> , 2017, 69, 64-68.	1.1	50
4	Dynamic modulation of platelet aggregation, albumin and nonesterified fatty acids during physical exercise in Thoroughbred horses. <i>Research in Veterinary Science</i> , 2016, 104, 86-91.	0.9	34
5	Age-related changes of serum mitochondrial uncoupling 1, rumen and rectal temperature in goats. <i>Journal of Thermal Biology</i> , 2016, 59, 47-51.	1.1	33
6	Metabolic and hormonal adaptation in <i>Bubalus bubalis</i> around calving and early lactation. <i>PLoS ONE</i> , 2018, 13, e0193803.	1.1	33
7	The influence of acute handling stress on some blood parameters in cultured sea bream (<i>Sparus</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 11 0.5 30	0.5	30
8	Effect of storage time on haematological parameters in mullet, <i>Mugil cephalus</i> . <i>Cell Biochemistry and Function</i> , 2013, 31, 412-416.	1.4	29
9	Administration of Protein Hydrolysates from Anchovy (<i>Engraulis Encrasicolus</i>) Waste for Twelve Weeks Decreases Metabolic Dysfunction-Associated Fatty Liver Disease Severity in ApoE ^{-/-} Mice. <i>Animals</i> , 2020, 10, 2303.	1.0	28
10	Lipid and lipoprotein profile changes in dairy cows in response to late pregnancy and the early postpartum period. <i>Archives Animal Breeding</i> , 2016, 59, 429-434.	0.5	28
11	Metabolic Profile of Broodmares During Late Pregnancy and Early Postpartum. <i>Reproduction in Domestic Animals</i> , 2014, 49, 947-953.	0.6	25
12	Serum Lipid Modification Related to Exercise and Polyunsaturated Fatty Acid Supplementation in Jumpers and Thoroughbred Horses. <i>Journal of Equine Veterinary Science</i> , 2014, 34, 1181-1187.	0.4	25
13	Training Program Intensity Induces an Acute Phase Response in Clinically Healthy Horses. <i>Journal of Equine Veterinary Science</i> , 2020, 88, 102986.	0.4	24
14	Application of a combined global positioning and heart rate monitoring system in jumper horses during an official competition – A preliminary study. <i>Acta Veterinaria Hungarica</i> , 2016, 64, 189-200.	0.2	21
15	Infrared methodologies for the assessment of skin temperature daily rhythm in two domestic mammalian species. <i>Journal of Thermal Biology</i> , 2020, 92, 102677.	1.1	21
16	Eye surface infrared thermography usefulness as a noninvasive method of measuring stress response in sheep during shearing: Correlations with serum cortisol and rectal temperature values. <i>Physiology and Behavior</i> , 2022, 250, 113781.	1.0	19
17	Peripheral blood and head kidney haematopoietic tissue response to experimental blood loss in mullet (<i>Mugil cephalus</i>). <i>Marine Biology Research</i> , 2015, 11, 197-202.	0.3	18
18	Serum levels of mitochondrial uncoupling protein 1, leptin, and lipids during late pregnancy and the early postpartum period in mares. <i>Theriogenology</i> , 2016, 86, 1156-1164.	0.9	18

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19	Cortisol levels and leukocyte population values in transported and exercised horses after acupuncture needle stimulation. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2017, 18, 56-61.	0.5	18
20	Rhythmic function of body temperature, breathing and heart rates in newborn goats and sheep during the first hours of life. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2017, 18, 29-36.	0.5	17
21	Changes in some blood parameters, milk composition and yield of buffaloes (<i>Bubalus bubalis</i>) during the transition period. <i>Animal Science Journal</i> , 2017, 88, 2025-2032.	0.6	15
22	Glucose infusion response on some metabolic parameters in dairy cows during transition period. <i>Archives Animal Breeding</i> , 2014, 57, 1-9.	0.5	15
23	Reference Intervals of Serum Protein Concentrations from Clinically Healthy Female Ragusana Donkeys (<i>Equus asinus</i>) Determined by Cellulose Acetate Electrophoresis. <i>Journal of Equine Veterinary Science</i> , 2013, 33, 433-436.	0.4	14
24	Dynamic Change of Serum Levels of Some Branched-Chain Amino Acids and Tryptophan in Athletic Horses After Different Physical Exercises. <i>Journal of Equine Veterinary Science</i> , 2019, 77, 12-16.	0.4	14
25	Prevalence of Bovine Tuberculosis in Slaughtered Cattle in Sicily, Southern Italy. <i>Animals</i> , 2020, 10, 1473.	1.0	14
26	Peripheral Modulators of the Central Fatigue Development and Their Relationship with Athletic Performance in Jumper Horses. <i>Animals</i> , 2021, 11, 743.	1.0	14
27	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2014, 14, .	0.4	13
28	Serum haptoglobin and protein electrophoretic fraction modifications in buffaloes (<i>Bubalus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.7	13
29	Interleukin-1Ra (Il-1Ra) and serum cortisol level relationship in horse as dynamic adaptive response during physical exercise. <i>Veterinary Immunology and Immunopathology</i> , 2022, 243, 110368.	0.5	13
30	Core and Surface Temperature Modification During Road Transport and Physical Exercise in Horse After Acupuncture Needle Stimulation. <i>Journal of Equine Veterinary Science</i> , 2017, 55, 84-89.	0.4	12
31	Anti-Atherogenic Effect of 10% Supplementation of Anchovy (<i>Engraulis encrasicolus</i>) Waste Protein Hydrolysates in ApoE-Deficient Mice. <i>Nutrients</i> , 2021, 13, 2137.	1.7	12
32	Effect of housing conditions and owner's schedule on daily total locomotor activity in dogs (<i>Canis familiaris</i>). <i>Biological Rhythm Research</i> , 2013, 44, 778-786.	0.4	11
33	Platelet Aggregation Percentage Increased in Healthy Broodmares During the Peripartum. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 573-576.	0.4	10
34	Different Training Schedules Influence Serum Electrophoretic Protein Profile in the Athletic Horse. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 856-859.	0.4	10
35	Erythrocyte osmotic fragility and select hematologic variables in postparturient mares and their foals. <i>Veterinary Clinical Pathology</i> , 2016, 45, 260-270.	0.3	10
36	Physiological Correlation between Hypothalamic-Pituitary-Adrenal Axis, Leptin, UCP1 and Lipid Panel in Mares during Late Pregnancy and Early Postpartum Period. <i>Animals</i> , 2021, 11, 2051.	1.0	10

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37	Quantification of Some Heavy Metals in Hair of Dairy Cows Housed in Different Areas from Sicily as a Bioindicator of Environmental Exposure—A Preliminary Study. <i>Animals</i> , 2021, 11, 2268.	1.0	10
38	Modulation of Serum Protein Electrophoretic Pattern and Leukocyte Population in Horses Vaccinated against West Nile Virus. <i>Animals</i> , 2021, 11, 477.	1.0	9
39	Quantifying Serum Total Lipids and Tryptophan Concentrations by Raman Spectroscopy During Standardized Obstacle Course in Horses. <i>Journal of Equine Veterinary Science</i> , 2022, 108, 103820.	0.4	9
40	Lipid and lipoprotein profile changes in newborn calves in response to the perinatal period. <i>Acta Veterinaria</i> , 2017, 67, 25-32.	0.2	8
41	Physiological differences between twin and single-born lambs and kids during the first month of life. <i>Archives Animal Breeding</i> , 2016, 59, 201-207.	0.5	8
42	The Dynamics of Serum Lipid and Lipoprotein Profiles in Growing Foals. <i>Journal of Equine Veterinary Science</i> , 2016, 40, 1-5.	0.4	7
43	Photic entrainment of daily rhythm pattern of locomotor activity in sea bass (<i>Dicentrarchus labrax</i>). <i>Biological Rhythm Research</i> , 2016, 47, 69-76.	0.4	7
44	Change of serum mitochondrial uncoupling protein 1 (UCP1) levels and daily rhythm of rectal and cutaneous temperatures in <i>Equus caballus</i> and <i>Capra hircus</i> . <i>Biological Rhythm Research</i> , 2017, 48, 931-938.	0.4	7
45	Changes in Thyroid Hormones Levels and Metabolism in Dairy Cows around Calving. <i>Acta Veterinaria</i> , 2017, 67, 318-330.	0.2	7
46	Influence of exercise and dietary omega-3 oil supplementation on interleukin 1-Ra serum concentrations in Standardbred horses. <i>Animal Production Science</i> , 2019, 59, 232.	0.6	7
47	Diurnal variation in rectal and cutaneous temperatures of horses housed under different management conditions. <i>International Journal of Biometeorology</i> , 2022, 66, 1601-1611.	1.3	7
48	Oxidant and Antioxidant Parameters™ Assessment Together with Homocysteine and Muscle Enzymes in Racehorses: Evaluation of Positive Effects of Exercise. <i>Antioxidants</i> , 2022, 11, 1176.	2.2	7
49	Age-Related Developmental Clotting Profile and Platelet Aggregation in Foals Over the First Month of Life. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 89-94.	0.4	6
50	Omega-3 Fatty Acid Food Enrichment Influences Some Serum Acute Phase Proteins Concentration and White Blood Cell Count in Athlete Horses. <i>Journal of Equine Veterinary Science</i> , 2016, 39, 90-96.	0.4	6
51	Acupuncture Needle Stimulation on Some Physiological Parameters After Road Transport and Physical Exercise in Horse. <i>Journal of Equine Veterinary Science</i> , 2017, 48, 23-30.	0.4	6
52	Gonadal sexual differentiation of European sea bass (<i>Dicentrarchus labrax</i> , L. 1758) of fingerlings in different size classes. <i>Marine and Freshwater Behaviour and Physiology</i> , 2016, 49, 347-354.	0.4	5
53	Lipid and Lipoprotein Profiles Modification in Athletic Horses After Repeated Jumping Events. <i>Journal of Equine Veterinary Science</i> , 2016, 43, 28-31.	0.4	5
54	Blood haemogram in <i>Ovis aries</i> and <i>Capra hircus</i> : effect of storage time. <i>Canadian Journal of Animal Science</i> , 2016, 96, 32-36.	0.7	5

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55	Stability of ovine serum protein fractions under different storage conditions. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 312-315.	0.5	5
56	Light and dark rations and the photic entrainment of circadian locomotor activity patterns in the South American Silver Catfish (<i>Rhamdia quelen</i> , Quoy & Gaimard, 1824). <i>Biological Rhythm Research</i> , 2018, 49, 129-140.	0.4	5
57	Acute Stress Response of Sheep to Shearing Procedures: Dynamic Change of Cortisol Concentration and Protein Electrophoretic Pattern. <i>Animals</i> , 2022, 12, 862.	1.0	5
58	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2014, 14, .	0.4	4
59	Daily dynamic changes of blood acid-base status and vital parameters in lambs and goat kids over the first seven days after birth. <i>Small Ruminant Research</i> , 2021, 197, 106340.	0.6	4
60	Parasite Fauna of the Dusky Grouper (<i>Epinephelus marginatus</i> , Lowe 1834) from the Central Mediterranean Sea. <i>Animals</i> , 2021, 11, 2523.	1.0	4
61	Seasonal Biodistribution of Some Trace Elements (Cd, Pb, Cr, Hg) and "Blood Biomarkers" Response in <i>Mugil cephalus</i> (Linnaeus, 1758). <i>Biological Trace Element Research</i> , 2023, 201, 1987-1995.	1.9	4
62	Dynamic Change of Free Serum L-carnitine Concentration in Relation to Age, Sex, and Exercise in Anglo-Arabian Thoroughbred Horses. <i>Journal of Equine Veterinary Science</i> , 2021, 97, 103343.	0.4	3
63	Uncoupling Protein-1 (UCP1) in the Adult Horse: Correlations with Body Weight, Rectal Temperature and Lipid Profile. <i>Animals</i> , 2021, 11, 1836.	1.0	3
64	Short Communication: Use of Infrared Thermometers for Cutaneous Temperature Recording: Agreement with the Rectal Temperature in <i>Felis catus</i> . <i>Animals</i> , 2022, 12, 1275.	1.0	3
65	Immune and Inflammatory Response in Horse Vaccinated Against Equine Herpesviruses 1 (EHV-1) and 4 (EHV-4) Assessed by Serum Protein Electrophoretic Pattern and Leukocyte Population. <i>Journal of Equine Veterinary Science</i> , 2022, 116, 104051.	0.4	3
66	Stability of total proteins and their electrophoretic fractions in goat serum (<i>Capra hircus</i>), maintained under different condition. <i>Small Ruminant Research</i> , 2016, 144, 145-148.	0.6	2
67	Comparison of Refractometric and Biuretic Methods for the Assay of Total Protein in Horse Serum and Plasma Under Various Storage Conditions. <i>Journal of Equine Veterinary Science</i> , 2018, 61, 58-64.	0.4	2
68	Bovine besnoitiosis in a cattle herd in Sicily: an isolated outbreak or the acknowledgment of an endemicity?. <i>Parasitology Research</i> , 2021, 120, 3547-3553.	0.6	2
69	Dynamic Metabolic Response, Clotting Times and Peripheral Indices of Central Fatigue in Horse Competing in a 44 Km Endurance Race. <i>Journal of Equine Veterinary Science</i> , 2021, 106, 103753.	0.4	2
70	Treatment of Permethrin Toxicosis in Cats by Intravenous Lipid Emulsion. <i>Toxics</i> , 2022, 10, 165.	1.6	2
71	Stress, Metabolic and Serum Muscle-Derived Enzymes Response of Horses Employed in Wooded Area and Field Trekking Courses. <i>Journal of Equine Veterinary Science</i> , 2022, 112, 103919.	0.4	2
72	Postmortem Electrical Conductivity Changes of <i>Dicentrarchus labrax</i> Skeletal Muscle: Root Mean Square (RMS) Parameter in Estimating Time since Death. <i>Animals</i> , 2022, 12, 1062.	1.0	1

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73	Effects of Weaning Age on Plasma Biomarkers and Growth Performance in Simmental Calves. <i>Animals</i> , 2022, 12, 1168.	1.0	1
74	Comparative evaluation of daily rhythm of urinary excretion in <i>Equus caballus</i> and <i>Bos taurus</i> by means of fractional clearance. <i>Biological Rhythm Research</i> , 2019, 50, 908-915.	0.4	0
75	Evaluation of locomotor activity in female <i>Chelonoidis chilensis</i> (Testudinidae, Gray 1870) in response to artificial photoperiod and temperature treatments. <i>Amphibia - Reptilia</i> , 2022, 43, 277-285.	0.1	0