

Michael Toscano

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,468
citations

279798

23
h-index

345221

36
g-index

51
all docs

51
docs citations

51
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of an Active LF Tracking System and Data Processing Methods for Livestock Precision Farming in the Poultry Sector. <i>Sensors</i> , 2022, 22, 659.	3.8	10
2	Similarity in Temporal Movement Patterns in Laying Hens Increases with Time and Social Association. <i>Animals</i> , 2022, 12, 555.	2.3	11
3	Tracking performance in poultry is affected by data cleaning method and housing system. <i>Applied Animal Behaviour Science</i> , 2022, 249, 105597.	1.9	6
4	Skeletal variation in bird domestication: limb proportions and sternum in chicken, with comparisons to mallard ducks and Muscovy ducks. <i>PeerJ</i> , 2022, 10, e13229.	2.0	0
5	Piling Behaviour in British Layer Flocks: Observations and Farmers` Experiences. <i>Applied Animal Behaviour Science</i> , 2022, , 105686.	1.9	2
6	Providing ramps in rearing aviaries affects laying pullet distribution, behavior and bone properties. <i>Journal of Applied Poultry Research</i> , 2022, 31, 100283.	1.2	6
7	Breakdown of the ideal free distribution under conditions of severe and low competition. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	1.4	5
8	Piling behaviour in Swiss layer flocks: Description and related factors. <i>Applied Animal Behaviour Science</i> , 2021, 236, 105272.	1.9	12
9	Keel impacts and associated behaviors in laying hens. <i>Applied Animal Behaviour Science</i> , 2020, 222, 104886.	1.9	15
10	The Ethics of Laying Hen Genetics. <i>Journal of Agricultural and Environmental Ethics</i> , 2020, 33, 15-36.	1.7	29
11	The effect of perches and aviary tiers on the mating behaviour of two hybrids of broiler breeders. <i>Applied Animal Behaviour Science</i> , 2020, 233, 105145.	1.9	2
12	Explanations for keel bone fractures in laying hens: are there explanations in addition to elevated egg production?. <i>Poultry Science</i> , 2020, 99, 4183-4194.	3.4	49
13	Perch Positioning Affects both Laying Hen Locomotion and Forces Experienced at the Keel. <i>Animals</i> , 2020, 10, 1223.	2.3	8
14	Cell Proliferation in the Adult Chicken Hippocampus Correlates With Individual Differences in Time Spent in Outdoor Areas and Tonic Immobility. <i>Frontiers in Veterinary Science</i> , 2020, 7, 587.	2.2	10
15	Evaluation of Poultry Stunning with Low Atmospheric Pressure, Carbon Dioxide or Nitrogen Using a Single Aversion Testing Paradigm. <i>Animals</i> , 2020, 10, 1308.	2.3	8
16	Genetic variation of keel and long bone skeletal properties for 5 lines of laying hens. <i>Journal of Applied Poultry Research</i> , 2020, 29, 937-946.	1.2	6
17	DNA methylation variation in the brain of laying hens in relation to differential behavioral patterns. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 35, 100700.	1.0	20
18	Radiographic Evaluation of Keel Bone Damage in Laying Hensâ€”Morphologic and Temporal Observations in a Longitudinal Study. <i>Frontiers in Veterinary Science</i> , 2020, 7, 129.	2.2	28

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19	Keel bone fractures induce a depressive-like state in laying hens. <i>Scientific Reports</i> , 2020, 10, 3007.	3.3	30
20	Keel bone fractures are associated with individual mobility of laying hens in an aviary system. <i>Applied Animal Behaviour Science</i> , 2019, 217, 48-56.	1.9	41
21	Laying hen's mobility is impaired by keel bone fractures and does not improve with paracetamol treatment. <i>Applied Animal Behaviour Science</i> , 2019, 216, 19-25.	1.9	30
22	Review of Sensor Technologies in Animal Breeding: Phenotyping Behaviors of Laying Hens to Select Against Feather Pecking. <i>Animals</i> , 2019, 9, 108.	2.3	40
23	Humanely Ending the Life of Animals: Research Priorities to Identify Alternatives to Carbon Dioxide. <i>Animals</i> , 2019, 9, 911.	2.3	36
24	Keel bone fractures affect egg laying performance but not egg quality in laying hens housed in a commercial aviary system. <i>Poultry Science</i> , 2019, 98, 1589-1600.	3.4	45
25	Keel bone damage assessment: consistency in enriched colony laying hens. <i>Poultry Science</i> , 2019, 98, 1017-1022.	3.4	14
26	Keel bone differences in laying hens housed in enriched colony cages. <i>Poultry Science</i> , 2019, 98, 1031-1036.	3.4	10
27	Use of aerial perches and perches on aviary tiers by broiler breeders. <i>Applied Animal Behaviour Science</i> , 2018, 203, 24-33.	1.9	18
28	Feeding from perches in an aviary system reduces aggression and mortality in laying hens. <i>Applied Animal Behaviour Science</i> , 2018, 202, 53-62.	1.9	7
29	Feeder space affects access to the feeder, aggression, and feed conversion in laying hens in an aviary system. <i>Applied Animal Behaviour Science</i> , 2018, 198, 75-82.	1.9	20
30	Skeletal problems in contemporary commercial laying hens. , 2018, , 151-173.		5
31	Finding hens in a haystack: Consistency of movement patterns within and across individual laying hens maintained in large groups. <i>Scientific Reports</i> , 2018, 8, 12303.	3.3	38
32	A Reliable Method to Assess Keel Bone Fractures in Laying Hens From Radiographs Using a Tagged Visual Analogue Scale. <i>Frontiers in Veterinary Science</i> , 2018, 5, 124.	2.2	32
33	Modeling collisions in laying hens as a tool to identify causative factors for keel bone fractures and means to reduce their occurrence and severity. <i>PLoS ONE</i> , 2018, 13, e0200025.	2.5	16
34	Susceptibility to keel bone fractures in laying hens and the role of genetic variation. <i>Poultry Science</i> , 2017, 96, 3517-3528.	3.4	44
35	Perch use by broiler breeders and its implication on health and production. <i>Poultry Science</i> , 2017, 96, 3539-3549.	3.4	22
36	Assessing Activity and Location of Individual Laying Hens in Large Groups Using Modern Technology. <i>Animals</i> , 2016, 6, 10.	2.3	51

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37	Genetic selection to increase bone strength affects prevalence of keel bone damage and egg parameters in commercially housed laying hens. <i>Poultry Science</i> , 2016, 95, 975-984.	3.4	41
38	Causes of keel bone damage and their solutions in laying hens. <i>World's Poultry Science Journal</i> , 2015, 71, 461-472.	3.0	99
39	Soft Perches in an Aviary System Reduce Incidence of Keel Bone Damage in Laying Hens. <i>PLoS ONE</i> , 2015, 10, e0122568.	2.5	71
40	Effects of variation in nest curtain design on pre-laying behaviour of domestic hens. <i>Applied Animal Behaviour Science</i> , 2015, 170, 34-43.	1.9	18
41	Modification of aviary design reduces incidence of falls, collisions and keel bone damage in laying hens. <i>Applied Animal Behaviour Science</i> , 2015, 165, 112-123.	1.9	93
42	Nest choice in laying hens: Effects of nest partitions and social status. <i>Applied Animal Behaviour Science</i> , 2015, 169, 43-50.	1.9	17
43	The effects of long (C20/22) and short (C18) chain omega-3 fatty acids on keel bone fractures, bone biomechanics, behavior, and egg production in free-range laying hens. <i>Poultry Science</i> , 2015, 94, 823-835.	3.4	33
44	Methods for assessment of keel bone damage in poultry. <i>Poultry Science</i> , 2015, 94, 2339-2350.	3.4	76
45	Use of outdoor ranges by laying hens in different sized flocks. <i>Applied Animal Behaviour Science</i> , 2014, 155, 74-81.	1.9	71
46	Reduced bone breakage and increased bone strength in free range laying hens fed omega-3 polyunsaturated fatty acid supplemented diets. <i>Bone</i> , 2013, 52, 578-586.	2.9	51
47	Development of an Ex Vivo Protocol to Model Bone Fracture in Laying Hens Resulting from Collisions. <i>PLoS ONE</i> , 2013, 8, e66215.	2.5	29
48	Impact of a mixed chain length omega-3 fatty acid diet on production variables in commercial free-range laying hens. <i>British Poultry Science</i> , 2012, 53, 360-365.	1.7	7
49	Panic in free-range laying hens. <i>Veterinary Record</i> , 2012, 170, 519-519.	0.3	16
50	Pop hole use by hens with different keel fracture status monitored throughout the laying period. <i>Veterinary Record</i> , 2012, 170, 494-494.	0.3	55
51	Continuous monitoring of pop hole usage by commercially housed free-range hens throughout the production cycle. <i>Veterinary Record</i> , 2011, 169, 338-338.	0.3	65