Cesare Castellini

List of Publications by Year
in descending order

108	2,496	159585	254184
papers	citations	30 h-index	43 g-index

109	109	109	2418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sustainability of poultry production using the emergy approach: Comparison of conventional and organic rearing systems. Agriculture, Ecosystems and Environment, 2006, 114, 343-350.	5.3	151
2	A multicriteria approach for measuring the sustainability of different poultry production systems. Journal of Cleaner Production, 2012, 37, 192-201.	9.3	103
3	Combining livestock and tree crops to improve sustainability in agriculture: a case study using the Life Cycle Assessment (LCA) approach. Journal of Cleaner Production, 2016, 131, 351-363.	9.3	77
4	Comparison of two chicken genotypes organically reared: oxidative stability and other qualitative traits of the meat. Italian Journal of Animal Science, 2006, 5, 29-42.	1.9	69
5	Effect of rearing system and season on the performance and egg characteristics of Ancona laying hens. Italian Journal of Animal Science, 2009, 8, 175-188.	1.9	66
6	Performance and behaviour of chickens with different growing rate reared according to the organic system. Italian Journal of Animal Science, 2002, 1, 290-300.	1.9	64
7	What is the best frame rate for evaluation of sperm motility in different species by computer-assisted sperm analysis?. Fertility and Sterility, 2011, 96, 24-27.	1.0	61
8	Oxidative status and semen characteristics of rabbit buck as affected by dietary. Reproduction, Nutrition, Development, 2003, 43, 91-103.	1.9	59
9	In vitro toxic effects of metal compounds on kinetic traits and ultrastructure of rabbit spermatozoa. Reproductive Toxicology, 2009, 27, 46-54.	2.9	59
10	Long-term effects of silver nanoparticles on reproductive activity of rabbit buck. Systems Biology in Reproductive Medicine, 2014, 60, 143-150.	2.1	59
11	Adaptation to organic rearing system of eight different chicken genotypes: behaviour, welfare and performance. Italian Journal of Animal Science, 2016, 15, 37-46.	1.9	55
12	Relevance of Fatty Acids to Sperm Maturation and Quality. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	4.0	53
13	Effect of feeding and genotype on the lipid profile of organic chicken meat. European Journal of Lipid Science and Technology, 2010, 112, 994-1002.	1.5	50
14	The main factors affecting the reproductive performance of rabbit does: A review. Animal Reproduction Science, 2010, 122, 174-182.	1.5	48
15	The effects of husbandry system on the grass intake and egg nutritive characteristics of laying hens. Journal of the Science of Food and Agriculture, 2014, 94, 459-467.	3.5	45
16	Effect of number of motile sperms inseminated on reproductive performance of rabbit does. Animal Reproduction Science, 1999, 57, 111-120.	1.5	42
17	Long term effect of post-weaning rhythm on the body fat and performance of rabbit doe. Reproduction, Nutrition, Development, 2006, 46, 195-204.	1.9	42
18	Effects of oregano (Origanum vulgareL.) and rosemary (Rosmarinus officinalis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (L.) Journal of Applied Animal Research, 2016, 44, 474-479.	1.2	41

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19	Effect of seminal plasma on the characteristics and fertility of rabbit spermatozoa. Animal Reproduction Science, 2000, 63, 275-282.	1.5	39
20	Effect of supranutritional level of dietary Î±-tocopheryl acetate and selenium on rabbit semen. Theriogenology, 2002, 58, 1723-1732.	2.1	37
21	Rabbit production and science: the world and Italian scenarios from 1998 to 2018. Italian Journal of Animal Science, 2019, 18, 1361-1371.	1.9	37
22	Emerging Genetic Tools to Investigate Molecular Pathways Related to Heat Stress in Chickens: A Review. Animals, 2021, 11, 46.	2.3	37
23	Lipid composition of the main fractions of rabbit semen. Theriogenology, 2006, 65, 703-712.	2.1	35
24	Effect of Dietary<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mi>n</mml:mi><mml:mo>â€‹</mml:mo><mml:mn>3</mml:mn></mml:math>Source on Rabbit Male Reproduction. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-13.	4.0	34
25	Improvement of lipid stability of rabbit meat by vitamin E and C administration. Journal of the Science of Food and Agriculture, 2001, 81, 46-53.	3.5	33
26	Emergy evaluation and the management of systems towards sustainability: A response to Sholto Maud. Agriculture, Ecosystems and Environment, 2007, 120, 472-474.	5.3	33
27	Effect of different rearing systems and pre-kindling handling on behaviour and performance of rabbit does. Applied Animal Behaviour Science, 2009, 118, 91-100.	1.9	32
28	Influence of genotype and feeding on chemical composition of organic chicken meat. Italian Journal of Animal Science, 2009, 8, 766-768.	1.9	32
29	Sustainability of agro-livestock integration: Implications and results of Emergy evaluation. Science of the Total Environment, 2018, 622-623, 1543-1552.	8.0	30
30	n-3 PUFA Sources (Precursor/Products): A Review of Current Knowledge on Rabbit. Animals, 2019, 9, 806.	2.3	30
31	Extensive Rearing Systems in Poultry Production: The Right Chicken for the Right Farming System. A Review of Twenty Years of Scientific Research in Perugia University, Italy. Animals, 2021, 11, 1281.	2.3	30
32	Effect of age and feeding area on meat quality of wild boars. Italian Journal of Animal Science, 2017, 16, 353-362.	1.9	28
33	Use of olive leaves (whether or not fortified with sodium selenate) in rabbit feeding: Effect on performance, carcass and meat characteristics, and estimated indexes of fatty acid metabolism. Meat Science, 2018, 143, 230-236.	5.5	28
34	Genome-Wide SNP Analysis Reveals the Population Structure and the Conservation Status of 23 Italian Chicken Breeds. Animals, 2020, 10, 1441.	2.3	28
35	Effect of genotype and rearing system on the native immunity and oxidative status of growing rabbits. Italian Journal of Animal Science, 2009, 8, 781-783.	1.9	27
36	Phylogeny, Genetic Relationships and Population Structure of Five Italian Local Chicken Breeds. Italian Journal of Animal Science, 2013, 12, e66.	1.9	26

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37	Poultry Meat and Eggs as an Alternative Source of n-3 Long-Chain Polyunsaturated Fatty Acids for Human Nutrition. Nutrients, 2022, 14, 1969.	4.1	24
38	Use of Selenium-enriched olive leaves in the feed of growing rabbits: Effect on oxidative status, mineral profile and Selenium speciation of Longissimus dorsi meat. Journal of Trace Elements in Medicine and Biology, 2019, 51, 98-105.	3.0	23
39	Performance, Behavior, and Welfare Status of Six Different Organically Reared Poultry Genotypes. Animals, 2020, 10, 550.	2.3	23
40	Seasonal changes in the fillet fatty acid profile and nutritional characteristics of wild Trasimeno Lake goldfish (Carassius auratus L.). Food Chemistry, 2012, 132, 830-834.	8.2	22
41	In vitro effect of nerve growth factor on the main traits of rabbit sperm. Reproductive Biology and Endocrinology, 2019, 17, 93.	3.3	22
42	Overview of Native Chicken Breeds in Italy: Small Scale Production and Marketing. Animals, 2021, 11, 629.	2.3	22
43	Rearing Romagnola geese in vineyard: pasture and antioxidant intake, performance, carcass and meat quality. Italian Journal of Animal Science, 2019, 18, 372-380.	1.9	20
44	Overview of Native Chicken Breeds in Italy: Conservation Status and Rearing Systems in Use. Animals, 2021, 11, 490.	2.3	20
45	Isolation and purification of the IGF-I protein complex from rabbit seminal plasma: Effects on sperm motility and viability. The Journal of Experimental Zoology, 2001, 290, 279-290.	1.4	19
46	Effect of heatâ€•and freezeâ€drying treatments on phytochemical content and fatty acid profile of alfalfa and flax sprouts. Journal of the Science of Food and Agriculture, 2019, 99, 4029-4035.	3.5	19
47	Lipid metabolism analysis in liver of different chicken genotypes and impact on nutritionally relevant polyunsaturated fatty acids of meat. Scientific Reports, 2022, 12, 1888.	3.3	19
48	Effect of Slaughtering Age in Different Commercial Chicken Genotypes Reared According to the Organic System: 1. Welfare, Carcass and Meat Traits. Italian Journal of Animal Science, 2014, 13, 3308.	1.9	16
49	Effect of chocolate and Propolfenol on rabbit spermatogenesis and sperm quality following bacterial lipopolysaccharide treatment. Systems Biology in Reproductive Medicine, 2014, 60, 217-226.	2.1	16
50	Effect of transport length onin vivooxidative status and breast meat characteristics in outdoor-reared chicken genotypes. Italian Journal of Animal Science, 2016, 15, 191-199.	1.9	16
51	Influence of Dietary Supplementation with Prebiotic, Oregano Extract, and Vitamin E on Fatty Acid Profile and Oxidative Status of Rabbit Meat. Journal of Food Quality, 2017, 2017, 1-9.	2.6	16
52	Î²-nerve growth factor identification in male rabbit genital tract and seminal plasma and its role in ovulation induction in rabbit does. Italian Journal of Animal Science, 2018, 17, 442-453.	1.9	16
53	The antioxidant effectiveness of liquorice (Glycyrrhiza glabra L.) extract administered as dietary supplementation and/or as a burger additive in rabbit meat. Meat Science, 2019, 158, 107921.	5.5	16
54	Carcass and Meat Characteristics of Organic Slow-Growing Chickens. Italian Journal of Animal Science, 2013, 12, e76.	1.9	15

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55	Activity, Expression, and Substrate Preference of the Î”⁶-Desaturase in Slow- or Fast-Growing Rabbit Genotypes. Journal of Agricultural and Food Chemistry, 2016, 64, 792-800.	5.2	15
56	Effect of diet and packaging system on the oxidative status and polyunsaturated fatty acid content of rabbit meat during retail display. Meat Science, 2018, 143, 46-51.	5.5	15
57	How the kinetic behavior of organic chickens affects productive performance and blood and meat oxidative status: a study of six poultry genotypes. Poultry Science, 2021, 100, 101297.	3.4	15
58	Mobile Poultry Processing Unit as a Resource for Small Poultry Farms: Planning and Economic Efficiency, Animal Welfare, Meat Quality and Sanitary Implications. Animals, 2018, 8, 229.	2.3	14
59	Evaluation of intestinal bacterial flora of conventional and organic broilers using culture-based methods. Italian Journal of Animal Science, 2009, 8, 51-63.	1.9	13
60	Expression of genes and localization of enzymes involved in polyunsaturated fatty acid synthesis in rabbit testis and epididymis. Scientific Reports, 2022, 12, 2637.	3.3	13
61	Effect of different number of frozen spermatozoa inseminated on the reproductive performance of rabbit does. Theriogenology, 2006, 66, 2182-2187.	2.1	12
62	Housing Rabbit Does in a Combi System with Removable Walls: Effect on Behaviour and Reproductive Performance. Animals, 2019, 9, 528.	2.3	12
63	Role of NGF on sperm traits: A review. Theriogenology, 2020, 150, 210-214.	2.1	12
64	Tissue Antioxidant Status and Lipid Peroxidation Are Related to Dietary Intake of n-3 Polyunsaturated Acids: A Rabbit Model. Antioxidants, 2021, 10, 681.	5.1	12
65	Italian semen cryobank of autochthonous chicken and turkey breeds: a tool for preserving genetic biodiversity. Italian Journal of Animal Science, 2021, 20, 2022-2033.	1.9	12
66	Faba bean (Vicia fabavar.minor) as a protein source for organic chickens: performance and carcass characteristics. Italian Journal of Animal Science, 2009, 8, 575-584.	1.9	11
67	In vitro antioxidant activity of the prostatic secretory granules in rabbit semen after exposure to organic peroxides. Reproductive Biology and Endocrinology, 2010, 8, 16.	3.3	11
68	Desmosterol, the main sterol in rabbit semen: distribution among semen subfractions and its role in the in vitro spermatozoa acrosome reaction and motility. Asian Journal of Andrology, 2010, 12, 862-870.	1.6	11
69	Effect of pasture availability and genotype on welfare, immune function, performance and meat characteristics of growing rabbits. World Rabbit Science, 2014, 22, 29.	0.6	11
70	Effect of transport length and genotype on tonic immobility, blood parameters and carcass contamination of free-range reared chickens. Italian Journal of Animal Science, 2018, 17, 557-564.	1.9	10
71	Towards a National Food Sovereignty Plan: Application of a new Decision Support System for food planning and governance. Land Use Policy, 2019, 89, 104216.	5.6	10
72	Geese Reared in Vineyard: Soil, Grass and Animals Interaction. Animals, 2019, 9, 179.	2.3	10

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73	Effect of Feed Supplemented with Selenium-Enriched Olive Leaves on Plasma Oxidative Status, Mineral Profile, and Leukocyte DNA Damage in Growing Rabbits. Animals, 2020, 10, 274.	2.3	10
74	Dehydrated Alfalfa and Fresh Grass Supply in Young Rabbits: Effect on Performance and Caecal Microbiota Biodiversity. Animals, 2019, 9, 341.	2.3	9
75	Nerve growth factor receptor role on rabbit sperm storage. Theriogenology, 2020, 153, 54-61.	2.1	9
76	Could Dietary Supplementation with Different Sources of N-3 Polyunsaturated Fatty Acids Modify the Rabbit Gut Microbiota?. Antibiotics, 2022, 11, 227.	3.7	9
77	Characterisation of fatty acid profiles of Tenebrio molitor larvae reared on diets enriched with edible oils. Journal of Insects As Food and Feed, 2022, 8, 901-912.	3.9	9
78	Adaptability Challenges for Organic Broiler Chickens: A Commentary. Animals, 2022, 12, 1354.	2.3	9
79	Effects of the purified IGF-I complex on the capacitation and acrosome reaction of rabbit spermatozoa. The Journal of Experimental Zoology, 2001, 290, 311-317.	1.4	8
80	Role of rabbit prostate granules on sperm viability and acrosome reaction evaluated with different methods. Theriogenology, 2012, 77, 1021-1026.	2.1	8
81	The time-dependent effects of prostate granules and seminal plasma on the capacitation, acrosome reaction, and motility of rabbit sperm. Animal Reproduction Science, 2013, 140, 97-102.	1.5	8
82	Effect of trub and/or linseed dietary supplementation on in vivo oxidative status and some quality traits of rabbit meat. Meat Science, 2020, 163, 108061.	5.5	8
83	Differences in Tibia Shape in Organically Reared Chicken Lines Measured by Means of Geometric Morphometrics. Animals, 2021, 11, 101.	2.3	8
84	F4-Neuroprostanes: A Role in Sperm Capacitation. Life, 2021, 11, 655.	2.4	8
85	Dietary effect of short-chain organic acids on growth performance, mortality and development of intestinal lymphoid tissues in young non-medicated rabbits. World Rabbit Science, 2011, 19, .	0.6	8
86	The Effect of Interaction NGF/p75NTR in Sperm Cells: A Rabbit Model. Cells, 2022, 11, 1035.	4.1	8
87	Distribution of Â- and Â-Tocopherols in Seminal Plasma and Sperm Fractions of Men With Normal and Abnormal Semen Parameters. Journal of Andrology, 2011, 32, 232-239.	2.0	7
88	The Assessment of a Multifactorial Score for the Adaptability Evaluation of Six Poultry Genotypes to the Organic System. Animals, 2021, 11, 2992.	2.3	7
89	Effects of PUFAs on animal reproduction: male and female performances and endocrine mechanisms. Phytochemistry Reviews, 2018, 17, 801-814.	6.5	6
90	Distribution and consistency of Ancona and Livorno poultry breed in Central Italy. Italian Journal of Animal Science, 2020, 19, 1297-1303.	1.9	6

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91	An index to measure the activity attitude of broilers in extensive system. Poultry Science, 2021, 100, 101279.	3.4	6
92	Genetic Diversity of 17 Autochthonous Italian Chicken Breeds and Their Extinction Risk Status. Frontiers in Genetics, 2021, 12, 715656.	2.3	6
93	Effect of genotype on estimated indexes of fatty acid metabolism in rabbits. World Rabbit Science, 2014, 22, 21.	0.6	6
94	Investigation on intestinal bacterial flora andSalmonellaspp. presence in organic and conventional chickens. Italian Journal of Animal Science, 2007, 6, 305-308.	1.9	5
95	Effect of floor type on carcass and meat quality of pen raised growing rabbits. World Rabbit Science, 2015, 23, 19.	0.6	5
96	A Dynamic Model for Estimating the Interaction of ROSâ€“PUFAâ€“Antioxidants in Rabbit. Antioxidants, 2022, 11, 531.	5.1	5
97	Sustainability of Rearing System Using Multicriteria Analysis: Application in Commercial Poultry Production. Animals, 2021, 11, 3483.	2.3	5
98	Effect of Slaughtering Age in Different Commercial Chicken Genotypes Reared According to the Organic System: 2. Fatty Acid and Oxidative Status of Meat. Italian Journal of Animal Science, 2014, 13, 3311.	1.9	4
99	Animal Welfare and Poultry Meat in Alternative Production Systems (and Ethics of Poultry Meat) Tj ETQq1 1 0.784314 rgBT /Overlock		4
100	Poultry biodiversity for alternative farming systems development. E3S Web of Conferences, 2022, 335, 00004.	0.5	4
101	Nutritional composition of raw and fried big-scale sand smelt (Atherina boyeri) from trasimeno lake. Italian Journal of Animal Science, 2019, 18, 608-614.	1.9	3
102	Oxidative and/or Inflammatory Thrust Induced by Silver Nanoparticles in Rabbits: Effect of Vitamin E or NSAID Administration on Semen Parameters. Mediators of Inflammation, 2020, 2020, 1-15.	3.0	3
103	Physiology and modulation factors of ovulation in rabbit reproduction management. World Rabbit Science, 2021, 29, 221-229.	0.6	3
104	Assessing the Preference of Rabbit Does to Social Contact or Seclusion: Results of Different Investigations. Animals, 2020, 10, 286.	2.3	2
105	Measuring Environmental Sustainability of Intensive Poultry-Rearing System. Sustainable Agriculture Reviews, 2010, , 277-309.	1.1	2
106	Serum level of hormone and metabolites in pregnant rabbit does. Italian Journal of Animal Science, 2009, 8, 778-780.	1.9	1
107	Impact of Algerian date palm pollen aqueous extract on epididymal and ejaculated rabbit sperm motility duringinÂvitroincubation. Italian Journal of Animal Science, 2021, 20, 717-727.	1.9	1
108	Native immunity and oxidative traits of growing rabbits. World Rabbit Science, 2010, 16, .	0.6	1