

Simona Mattioli

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

1,465
citations

21
h-index

31
g-index

114
ext. papers

1,929
ext. citations

4
avg, IF

4.85
L-index

#	Paper	IF	Citations
110	Effect of dietary supplementation with olive pomaces on the performance and meat quality of growing rabbits. <i>Meat Science</i> , 2012 , 92, 783-8	6.4	67
109	Fatty acid composition of meat and estimated indices of lipid metabolism in different poultry genotypes reared under organic system. <i>Poultry Science</i> , 2012 , 91, 2039-45	3.9	58
108	Current Knowledge on Selenium Biofortification to Improve the Nutraceutical Profile of Food: A Comprehensive Review. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 4075-4097	5.7	56
107	Effect of dietary supplementation of Spirulina (<i>Arthrospira platensis</i>) and Thyme (<i>Thymus vulgaris</i>) on rabbit meat appearance, oxidative stability and fatty acid profile during retail display. <i>Meat Science</i> , 2014 , 96, 114-9	6.4	54
106	In vitro toxic effects of metal compounds on kinetic traits and ultrastructure of rabbit spermatozoa. <i>Reproductive Toxicology</i> , 2009 , 27, 46-54	3.4	48
105	Resistin, interleukin-6, tumor necrosis factor-alpha, and human semen parameters in the presence of leukocytospermia, smoking habit, and varicocele. <i>Fertility and Sterility</i> , 2014 , 102, 354-60	4.8	42
104	What is the best frame rate for evaluation of sperm motility in different species by computer-assisted sperm analysis?. <i>Fertility and Sterility</i> , 2011 , 96, 24-7	4.8	42
103	Former Foodstuff Products in Rearing: Effects on Growth, Chemical Composition, Microbiological Load, and Antioxidant Status. <i>Animals</i> , 2019 , 9,	3.1	41
102	Long-term effects of silver nanoparticles on reproductive activity of rabbit buck. <i>Systems Biology in Reproductive Medicine</i> , 2014 , 60, 143-50	2.9	41
101	Morphology and meiotic segregation in spermatozoa from men of proven fertility. <i>Journal of Andrology</i> , 2008 , 29, 106-14		37
100	Transfer of bioactive compounds from pasture to meat in organic free-range chickens. <i>Poultry Science</i> , 2016 , 95, 2464-71	3.9	34
99	Alfalfa and flax sprouts supplementation enriches the content of bioactive compounds and lowers the cholesterol in hen egg. <i>Journal of Functional Foods</i> , 2016 , 22, 454-462	5.1	34
98	Effect of dietary alfalfa on the fatty acid composition and indexes of lipid metabolism of rabbit meat. <i>Meat Science</i> , 2014 , 96, 606-9	6.4	33
97	Adaptation to organic rearing system of eight different chicken genotypes: behaviour, welfare and performance. <i>Italian Journal of Animal Science</i> , 2016 , 15, 37-46	2.2	31
96	Effect of emotional stress on sperm quality. <i>Indian Journal of Medical Research</i> , 2008 , 128, 254-61	2.9	30
95	The effects of husbandry system on the grass intake and egg nutritive characteristics of laying hens. <i>Journal of the Science of Food and Agriculture</i> , 2014 , 94, 459-67	4.3	27
94	The effect of dietary alfalfa and flax sprouts on rabbit meat antioxidant content, lipid oxidation and fatty acid composition. <i>Meat Science</i> , 2015 , 106, 31-7	6.4	23

93	Changes in Ultrastructure and Cytoskeletal Aspects of Human Normal and Osteoarthritic Chondrocytes Exposed to Interleukin-1 β and Cyclical Hydrostatic Pressure. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 26019-34	6.3	23
92	Effects of regenerative radioelectric asymmetric conveyer treatment on human normal and osteoarthritic chondrocytes exposed to IL-1 β biochemical and morphological study. <i>Clinical Interventions in Aging</i> , 2013 , 8, 309-16	4	22
91	Spermatozoa and chronic treatment with finasteride: a TEM and FISH study. <i>Archives of Andrology</i> , 2007 , 53, 229-33		22
90	Relevance of Fatty Acids to Sperm Maturation and Quality. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 7038124	6.7	21
89	Dried tomato pomace supplementation to reduce lamb concentrate intake: Effects on growth performance and meat quality. <i>Meat Science</i> , 2018 , 145, 63-70	6.4	21
88	Effect of age and feeding area on meat quality of wild boars. <i>Italian Journal of Animal Science</i> , 2017 , 16, 353-362	2.2	21
87	Infection by CagA-positive <i>Helicobacter pylori</i> strains may contribute to alter the sperm quality of men with fertility disorders and increase the systemic levels of TNF-alpha. <i>Digestive Diseases and Sciences</i> , 2010 , 55, 94-100	4	20
86	Possible chondroprotective effect of canakinumab: an in vitro study on human osteoarthritic chondrocytes. <i>Cytokine</i> , 2015 , 71, 165-72	4	19
85	Feeding lambs with silage mixtures of grass, sainfoin and red clover improves meat oxidative stability under high oxidative challenge. <i>Meat Science</i> , 2019 , 156, 59-67	6.4	18
84	The importance of transmission electron microscopy analysis of spermatozoa: Diagnostic applications and basic research. <i>Systems Biology in Reproductive Medicine</i> , 2016 , 62, 171-83	2.9	17
83	Effect of Dietary -3 Source on Rabbit Male Reproduction. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 3279670	6.7	17
82	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. <i>Meat Science</i> , 2018 , 143, 230-236	6.4	17
81	New insights into sperm with total globozoospermia: Increased fatty acid oxidation and centrin1 alteration. <i>Systems Biology in Reproductive Medicine</i> , 2019 , 65, 390-399	2.9	16
80	n-3 PUFA Sources (Precursor/Products): A Review of Current Knowledge on Rabbit. <i>Animals</i> , 2019 , 9,	3.1	16
79	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. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019 , 51, 98-105	4.1	15
78	Sperm Parameters and Semen Levels of Inflammatory Cytokines in <i>Helicobacter pylori</i> -infected Men. <i>Urology</i> , 2015 , 86, 41-6	1.6	14
77	Effect of chocolate and Propolfenol on rabbit spermatogenesis and sperm quality following bacterial lipopolysaccharide treatment. <i>Systems Biology in Reproductive Medicine</i> , 2014 , 60, 217-26	2.9	14
76	Dietary pomegranate by-product improves oxidative stability of lamb meat. <i>Meat Science</i> , 2020 , 162, 108037	6.4	14

75	Performance, Behavior, and Welfare Status of Six Different Organically Reared Poultry Genotypes. <i>Animals</i> , 2020 , 10,	3.1	13
74	Influence of Dietary Supplementation with Prebiotic, Oregano Extract, and Vitamin E on Fatty Acid Profile and Oxidative Status of Rabbit Meat. <i>Journal of Food Quality</i> , 2017 , 2017, 1-9	2.7	13
73	Rearing Romagnola geese in vineyard: pasture and antioxidant intake, performance, carcass and meat quality. <i>Italian Journal of Animal Science</i> , 2019 , 18, 372-380	2.2	13
72	In vitro effect of nerve growth factor on the main traits of rabbit sperm. <i>Reproductive Biology and Endocrinology</i> , 2019 , 17, 93	5	13
71	Increased F-Isoprostane Levels in Semen and Immunolocalization of the 8-Iso Prostaglandin F in Spermatozoa from Infertile Patients with Varicocele. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 7508014	6.7	13
70	Infectious Burden and Semen Parameters. <i>Urology</i> , 2017 , 100, 90-96	1.6	12
69	Effect of transport length on in vivo oxidative status and breast meat characteristics in outdoor-reared chicken genotypes. <i>Italian Journal of Animal Science</i> , 2016 , 15, 191-199	2.2	12
68	Dietary fish oil and flaxseed for rabbit does: fatty acids distribution and β -desaturase enzyme expression of different tissues. <i>Animal</i> , 2019 , 13, 1934-1942	3.1	12
67	Relationships between Ghrelin and Obestatin with MDA, Proinflammatory Cytokines, GSH/GSSG Ratio, Catalase Activity, and Semen Parameters in Infertile Patients with Leukocytospermia and Varicocele. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 7261842	6.7	12
66	Influence of dietary cardoon meal on growth performance and selected meat quality parameters of lambs, and the antioxidant potential of cardoon extract in ovine muscle homogenates. <i>Meat Science</i> , 2019 , 153, 126-134	6.4	11
65	Effect of heat- and freeze-drying treatments on phytochemical content and fatty acid profile of alfalfa and flax sprouts. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 4029-4035	4.3	10
64	Effects of Diets Enriched in Linseed and Fish Oil on the Expression Pattern of Toll-Like Receptors 4 and Proinflammatory Cytokines on Gonadal Axis and Reproductive Organs in Rabbit Buck. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 4327470	6.7	10
63	Effect of diet and packaging system on the oxidative status and polyunsaturated fatty acid content of rabbit meat during retail display. <i>Meat Science</i> , 2018 , 143, 46-51	6.4	10
62	Activity, Expression, and Substrate Preference of the Δ^5 -Desaturase in Slow- or Fast-Growing Rabbit Genotypes. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 792-800	5.7	10
61	Housing Rabbit Does in a Combi System with Removable Walls: Effect on Behaviour and Reproductive Performance. <i>Animals</i> , 2019 , 9,	3.1	10
60	Cytotoxic Effects of Cannabinoids on Human HT-29 Colorectal Adenocarcinoma Cells: Different Mechanisms of THC, CBD, and CB83. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
59	The antioxidant effectiveness of liquorice (<i>Glycyrrhiza glabra</i> L.) extract administered as dietary supplementation and/or as a burger additive in rabbit meat. <i>Meat Science</i> , 2019 , 158, 107921	6.4	9
58	Relevance of seminal F-dihomo-IsoPs, F-IsoPs and F-NeuroPs in idiopathic infertility and varicocele. <i>Prostaglandins and Other Lipid Mediators</i> , 2020 , 149, 106448	3.7	9

57	Can Helicobacter pylori infection influence human reproduction?. <i>World Journal of Gastroenterology</i> , 2014 , 20, 5567-74	5.6	9
56	Effects of Garlic Powder and Salt on Meat Quality and Microbial Loads of Rabbit Burgers. <i>Foods</i> , 2020 , 9,	4.9	9
55	Meat quality from pigs fed tomato processing waste. <i>Meat Science</i> , 2020 , 159, 107940	6.4	9
54	Former foodstuff in mealworm farming: Effects on fatty acids profile, lipid metabolism and antioxidant molecules. <i>LWT - Food Science and Technology</i> , 2021 , 147, 111644	5.4	9
53	The effects in vitro of TNF- α and its antagonist T α nercept α n ejaculated human sperm. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1169-1177	1.8	8
52	Role of rabbit prostate granules on sperm viability and acrosome reaction evaluated with different methods. <i>Theriogenology</i> , 2012 , 77, 1021-6	2.8	8
51	The time-dependent effects of prostate granules and seminal plasma on the capacitation, acrosome reaction, and motility of rabbit sperm. <i>Animal Reproduction Science</i> , 2013 , 140, 97-102	2.1	8
50	A case of severe asthenozoospermia: a novel sperm tail defect of possible genetic origin identified by electron microscopy and immunocytochemistry. <i>Fertility and Sterility</i> , 2011 , 95, 289.e11-6	4.8	8
49	Natural sperm birefringence can be used to estimate sperm viability and morphology. <i>Systems Biology in Reproductive Medicine</i> , 2010 , 56, 465-72	2.9	8
48	Associations between biochemical components of human semen with seminal conditions. <i>Systems Biology in Reproductive Medicine</i> , 2019 , 65, 155-163	2.9	8
47	Mobile Poultry Processing Unit as a Resource for Small Poultry Farms: Planning and Economic Efficiency, Animal Welfare, Meat Quality and Sanitary Implications. <i>Animals</i> , 2018 , 8,	3.1	8
46	Effects of garlic powder and salt additions on fatty acids profile, oxidative status, antioxidant potential and sensory properties of raw and cooked rabbit meat burgers. <i>Meat Science</i> , 2020 , 169, 108226	6.4	7
45	Role of NGF on sperm traits: A review. <i>Theriogenology</i> , 2020 , 150, 210-214	2.8	7
44	Cytosolic phospholipase A and F isoprostanes are involved in semen quality and human infertility-A study on leucocytospermia, varicocele and idiopathic infertility. <i>Andrologia</i> , 2020 , 52, e13465	2.4	7
43	Role of isoprostanes in human male infertility. <i>Systems Biology in Reproductive Medicine</i> , 2020 , 66, 291-299	2.9	7
42	Effect of Feed Supplemented with Selenium-Enriched Olive Leaves on Plasma Oxidative Status, Mineral Profile, and Leukocyte DNA Damage in Growing Rabbits. <i>Animals</i> , 2020 , 10,	3.1	6
41	Light, polarizing, and transmission electron microscopy: three methods for the evaluation of sperm quality. <i>Systems Biology in Reproductive Medicine</i> , 2013 , 59, 27-33	2.9	6
40	Effect of Faba Bean Vicia Faba Var. Minor) Inclusion in Starter and Growing Diet on Performance, Carcass and Meat Characteristics of Organic Slow-Growing Chickens. <i>Italian Journal of Animal Science</i> , 2013 , 12, e76	2.2	6

39	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. <i>Animals</i> , 2021 , 11,	3.1	6
38	Semen Biochemical Components in Varicocele, Leukocytospermia, and Idiopathic Infertility. <i>Reproductive Sciences</i> , 2021 , 28, 91-101	3	6
37	Dehydrated Alfalfa and Fresh Grass Supply in Young Rabbits: Effect on Performance and Caecal Microbiota Biodiversity. <i>Animals</i> , 2019 , 9,	3.1	5
36	Geese Reared in Vineyard: Soil, Grass and Animals Interaction. <i>Animals</i> , 2019 , 9,	3.1	5
35	Fatty Acid Profile and Metabolism Are Related to Human Sperm Parameters and Are Relevant in Idiopathic Infertility and Varicocele. <i>Mediators of Inflammation</i> , 2020 , 2020, 3640450	4.3	5
34	Effect of Cooking Techniques on the Protein Digestibility, Fatty Acid Profile, and Oxidative Status of Mealworms (). <i>Frontiers in Veterinary Science</i> , 2021 , 8, 675572	3.1	5
33	Effects of PUFAs on animal reproduction: male and female performances and endocrine mechanisms. <i>Phytochemistry Reviews</i> , 2018 , 17, 801-814	7.7	4
32	Effect of transport length and genotype on tonic immobility, blood parameters and carcass contamination of free-range reared chickens. <i>Italian Journal of Animal Science</i> , 2018 , 17, 557-564	2.2	4
31	Characterisation of three systematic sperm tail defects and their influence on ICSI outcome. <i>Andrologia</i> , 2018 , 50, e13128	2.4	4
30	Fatty Acid Oxidation and Pro-Resolving Lipid Mediators Are Related to Male Infertility.. <i>Antioxidants</i> , 2022 , 11,	7.1	4
29	Tissue Antioxidant Status and Lipid Peroxidation Are Related to Dietary Intake of n-3 Polyunsaturated Acids: A Rabbit Model. <i>Antioxidants</i> , 2021 , 10,	7.1	4
28	Redox imbalance induced by docetaxel in the neuroblastoma SH-SY5Y cells: a study of docetaxel-induced neuronal damage. <i>Redox Report</i> , 2021 , 26, 18-28	5.9	4
27	Nerve growth factor receptor role on rabbit sperm storage. <i>Theriogenology</i> , 2020 , 153, 54-61	2.8	3
26	Effect of floor type on carcass and meat quality of pen raised growing rabbits. <i>World Rabbit Science</i> , 2015 , 23, 19	0.9	3
25	How the kinetic behavior of organic chickens affects productive performance and blood and meat oxidative status: a study of six poultry genotypes. <i>Poultry Science</i> , 2021 , 100, 101297	3.9	3
24	Effect of ginger powder addition on quality, fatty acids profile, lipid oxidation and antioxidant capacity of cooked pork burgers. <i>European Food Research and Technology</i> , 2019 , 245, 1377-1386	3.4	2
23	Effect of Slaughtering Age in Different Commercial Chicken Genotypes Reared According to the Organic System: 2. Fatty Acid and Oxidative Status of Meat. <i>Italian Journal of Animal Science</i> , 2014 , 13, 3311	2.2	2
22	Lipid metabolism analysis in liver of different chicken genotypes and impact on nutritionally relevant polyunsaturated fatty acids of meat.. <i>Scientific Reports</i> , 2022 , 12, 1888	4.9	2

21	Influence of age on sperm characteristics evaluated by light and electron microscopies. <i>Scientific Reports</i> , 2021 , 11, 4989	4.9	2
20	Protective Effect of Chlorogenic Acid on Human Sperm: In Vitro Studies and Frozen-Thawed Protocol. <i>Antioxidants</i> , 2021 , 10,	7.1	2
19	F-Neuroprostanes: A Role in Sperm Capacitation. <i>Life</i> , 2021 , 11,	3	2
18	Do Seminal Isoprostanes Have a Role in Assisted Reproduction Outcome?. <i>Life</i> , 2021 , 11,	3	2
17	Antioxidants, Dietary Fatty Acids, and Sperm: A Virtual Reality Applied Game for Scientific Dissemination. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 2065639	6.7	2
16	Nutritional composition of raw and fried big-scale sand smelt (<i>Atherina boyeri</i>) from trasimeno lake. <i>Italian Journal of Animal Science</i> , 2019 , 18, 608-614	2.2	2
15	Centriolar defects, centrin 1 alterations, and FISH studies in human spermatozoa of a male partner of a couple that produces aneuploid embryos in natural and artificial fertilization. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 1197-1205	3.4	2
14	Expression of genes and localization of enzymes involved in polyunsaturated fatty acid synthesis in rabbit testis and epididymis.. <i>Scientific Reports</i> , 2022 , 12, 2637	4.9	2
13	Oxidation of Polyunsaturated Fatty Acids as a Promising Area of Research in Infertility. <i>Antioxidants</i> , 2022 , 11, 1002	7.1	2
12	Assessing the Preference of Rabbit Does to Social Contact or Seclusion: Results of Different Investigations. <i>Animals</i> , 2020 , 10,	3.1	1
11	Effect of trub and/or linseed dietary supplementation on in vivo oxidative status and some quality traits of rabbit meat. <i>Meat Science</i> , 2020 , 163, 108061	6.4	1
10	A Study to Validate the Relevance of Semen F-Isoprostanes on Human Male Infertility.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	1
9	The Assessment of a Multifactorial Score for the Adaptability Evaluation of Six Poultry Genotypes to the Organic System. <i>Animals</i> , 2021 , 11,	3.1	1
8	The Effect of Interaction NGF/p75 in Sperm Cells: A Rabbit Model.. <i>Cells</i> , 2022 , 11,	7.9	1
7	Oxidative and/or Inflammatory Thrust Induced by Silver Nanoparticles in Rabbits: Effect of Vitamin E or NSAID Administration on Semen Parameters. <i>Mediators of Inflammation</i> , 2020 , 2020, 6664062	4.3	0
6	Relationship Between Semen IL-6, IL-33 and Malondialdehyde Generation in Human Seminal Plasma and Spermatozoa. <i>Reproductive Sciences</i> , 2021 , 28, 2136-2143	3	0
5	Characterisation of fatty acid profiles of <i>Tenebrio molitor</i> larvae reared on diets enriched with edible oils. <i>Journal of Insects As Food and Feed</i> , 1-12	4.4	0
4	Reply: To PMID 26142579. <i>Urology</i> , 2015 , 86, 47	1.6	

3	Impact of Algerian date palm pollen aqueous extract on epididymal and ejaculated rabbit sperm motility during in vitro incubation. <i>Italian Journal of Animal Science</i> , 2021 , 20, 717-727	2.2
2	Seminal Levels of Omentin-1/ITLN1 in Inflammatory Conditions Related to Male Infertility and Localization in Spermatozoa and Tissues of Male Reproductive System.. <i>Journal of Inflammation Research</i> , 2022 , 15, 2019-2031	4.8
1	Physiology and modulation factors of ovulation in rabbit reproduction management. <i>World Rabbit Science</i> , 2021 , 29, 221-229	0.9