

PUBBLICAZIONI:

Scopus (Author ID: 55817103900; <http://orcid.org/0000-0002-0095-0554>)

International peer-reviewed publications: 30 articoli (9 primo nome; 10 corresponding author; 1 ultimo nome); citazioni=312, h-index = 11.

International congress peer reviewed abstracts: 13

National congress peer reviewed abstracts: 10

PUBBLICAZIONI SU RIVISTE CON IF

1. Vigolo V., **Giaretta E***, Da Dalt L, Damiani J, Gabai G, Bertuzzo F, Falomo M E. *Relationships between Biomarkers of Oxidative Stress in Seminal Plasma and Sperm Motility in Bulls before and after Cryopreservation.* *Animals* 2022, 12(19), 2534; <https://doi.org/10.3390/ani12192534>
Numero citazioni: 0; *Corresponding author
Ranking rivista: Q1 Scopus (Veterinary-miscellaneous)
2. Damato A, Vianello F, Novelli E, Balzan S, Gianesella M, **Giaretta E***, Gabai G. *Comprehensive Review on the interaction of Clay Minerals with Animal Physiology and Production.* *Frontiers in Veterinary Science*, 2022, 9: 889612. doi: 10.3389/fvets.2022.889612. (Accepted ma non ancora indicizzato Scopus)
Numero citazioni: 0; *Corresponding author
Ranking rivista: Q1 Scopus (Veterinary-miscellaneous)
3. **Giaretta E***, Mislei B, Pastor FM, Nesci S, Spinaci M, Galeati G, Nerozzi C, Mari G, Tamanini C, Bucci D (2022). *Use of specific mitochondrial complex inhibitors to investigate mitochondrial involvement on horse sperm motility and ROS production.*
Research in Vet Sci, 2022 ISSN: 1532-2661. doi: 10.1016/j.rvsc.2022.03.017
Numero citazioni: 0; *Corresponding author
Ranking rivista: Q1 Scopus (Veterinary-miscellaneous)
4. Damato A, Vanzani P, Giannuzzi D, **Giaretta E**, Novelli E, Vianello F, Tagliapietra F, Zennaro L. *Bentonite does not affect in vitro ruminal gross fermentations but could modify ruminal metabolome and mineral content. A proof of concept.*
Res Vet Sci. 2022; 144:78-81. doi: 10.1016/j.rvsc.2022.01.012.
Numero citazioni: 0
Ranking rivista: Q1 Scopus (Veterinary-miscellaneous)
5. Normando S, **Giaretta E**, Schiavon I, Mongillo P, Falomo ME
Behavioral and hormonal effects of two weaning situations in trotter foals
Journal of Veterinary Behavior, 2022, 47: 99–110. doi: 10.1016/j.jveb.2021.10.008
Numero citazioni: 0
Ranking rivista: Q1 Scopus (Veterinary)
6. Mateo-Otero Y, Yeste M, Damato A, **Giaretta E***.
Cryopreservation and oxidative stress in porcine oocytes.
Research in Veterinary Science, 2021; 135:20–26. doi: 10.1016/j.rvsc.2020.12.024. PMID:

33418187 Review.

Numero citazioni: 3; *Corresponding author

Ranking rivista: Q1 Scopus (Veterinary)

7. **Giaretta E**, Marliani G, Postiglione G, Magazzù G, Pantò F, Mari G, Formigoni A, Accorsi PA, Mordenti A.
Calving time identified by the automatic detection of tail movements and rumination time, and observation of cow behavioural changes.
Animal. 2021; 15(1):100071. doi: 10.1016/j.animal.2020.100071
Numero citazioni: 4.
Ranking rivista: Q1 Scopus (Animal Science and Zoology)
8. Mordenti AL, Giaretta E, Campidonico L, Parazza, P, Formigoni A.
A review regarding the use of molasses in animal nutrition
Animals, 11(1):1–17, 115 (2021). doi:10.3390/ani11010115
Numero citazioni: 10
Ranking rivista: Q1 Scopus (Animal Science and Zoology)
9. Bailoni L, Dalt LD, Gabai G, **Giaretta E***, Guzzo N, Mantovani R.
Fatty acid profile and enterolactone content of early and commercial milk of dairy cows supplemented with flaked flaxseed during the dry period.
Animals, 10(12):1–15, 2394 (2020). doi: 10.3390/ani10122394
Numero citazioni: 0; *Corresponding author
Ranking rivista: Q1 Scopus (Animal Science and Zoology)
10. Gabai G, Mongillo P, **Giaretta E**, Marinelli L.
Do Dehydroepiandrosterone (DHEA) and Its Sulfate (DHEAS) Play a Role in the Stress Response in Domestic Animals?
Front Vet Sci., 7:588835 (2020). doi: 10.3389/fvets.2020.588835. eCollection 2020.
Numero citazioni: 5
Ranking rivista: Q1 Scopus (Veterinary)
11. Falomo M.E., Del Re B., Rossi M., **Giaretta E.**, Da Dalt L., Gabai G.
Relationship between postpartum uterine involution and biomarkers of inflammation and oxidative stress in clinically healthy mares (equus caballus).
Heliyon, 6(4): e03691 (2020). doi: 10.1016/j.heliyon.2020.e03691
Numero citazioni: 3
Ranking rivista: Q1 (Multidisciplinary)
12. **Giaretta E.***, Mordenti A., Palmonari A., Brogna N., Canestrari G., Belloni P., Cavallini D., Mammi L., Cabbri R., Formigoni A.
Nirs calibration models for chemical composition and fatty acid families of raw and freeze-dried beef: a comparison
Journal of food composition and analysis, 83, 103-257 (2019). doi: 10.1016/j.jfca.2019.103257

Numero citazioni: 14; *Corresponding author

Ranking rivista: Q1 (Food Science)

13. **Giaretta E.***, Mordenti AL, Canestrari G., Palmonari A., Formigoni A.
Automatically monitoring of dietary effects on rumination and activity of finishing heifers.
Animal Production Science, 59(10):1931-1940 (2019). doi: 10.1071/AN18249
Numero citazioni: 2; *Corresponding author
Ranking rivista: Q2 (Animal Science and Zoology)

14. Mordenti AL, Brogna N, Merendi F, Sardi L, Tassinari M, Mammi LME, **Giaretta E**, Formigoni A.
Effect of dietary inclusion of different lipid supplements on performance and carcass quality traits of growing beef heifers.
Italian Journal of Food Safety, 8: 7683 (2019). doi: 10.4081/ijfs.2019.7683
Numero citazioni: 1
Ranking rivista: Q2 (Food Science)

15. Mordenti AL, Brogna N, Canestrari G, Bonfante E, Eusebi S, Mammi LME, **Giaretta E**, Formigoni A.
Effects of breed and different lipid dietary supplements on beef quality.
Anim Sci J, 90(5):619-627 (2019). doi: 10.1111/asj.13177
Numero citazioni: 7
Ranking rivista: Q1 (Agricultural and Biological Science)

16. **Giaretta E***, Mordenti AL, Canestrari G, Brogna N, Palmonari A, Formigoni A.
Assessment of muscle longissimus thoracis et lumborum marbling by image analysis and relationships between meat quality parameters.
PLoS One, 22;13(8): e0202535 (2018). doi: 10.1371/journal.pone.0202535
Numero citazioni: 18
Ranking rivista: Q1 (Agricultural and Biological Science) *Corresponding author

17. **Giaretta E**, Munerato M, Yeste M, Galeati G, Spinaci M, Tamanini C, Mari G, Bucci D.
Implementing an open-access casa software for the assessment of stallion sperm motility: relationship with other sperm quality parameters
Anim Reprod Sci, 176:11-19 (2017). doi: 10.1016/j.anireprosci.2016.11.003
Numero citazioni: 35
Ranking rivista: Q1 (Animal Science and Zoology)

18. Bucci D, **Giaretta E**, Merlo B, Iacono E, Gadani B, Spinaci M, Mari G, Tamanini C, Galeati G.
Alkaline phosphatase added to capacitating medium enhances horse sperm-zona pellucida binding.

- Theriogenology, 87:72-78 (2017). doi:10.1016/j.theriogenology.2016.08.003
Numero citazioni: 4
Ranking rivista: Q1 (Veterinary sciences)
19. Galeati G, **Giaretta E**, Zannoni A, Bucci D, Tamanini C, Forni M, Spinaci M.
Embelin supplementation of in vitro maturation medium does not influence nuclear and cytoplasmic maturation of pig oocytes
J Physiol Pharmacol, 67 (4): 513-519 (2016). PMID: 27779472
Numero citazioni: 6
Ranking rivista: Q1 (Medicine - miscellaneous)
20. Bucci D, **Giaretta E**, Spinaci M, Rizzato G, Isani G, Mislei B, Mari G, Tamanini C, Galeati G.
Characterization of alkaline phosphatase activity in seminal plasma and in fresh and frozen-thawed stallion spermatozoa
Theriogenology, 85, 288-295 (2016). 10.1016/j.theriogenology.2015.09.007
Numero citazioni: 16
Ranking rivista: Q1 Web of Science (Veterinary sciences)
21. Plaza Dávila M, Bucci D, Galeati G, Peña FJ, Mari G, **Giaretta E**, Tamanini C, Spinaci M.
Epigallocatechin-gallate (egcg) reduces rotenone effect on stallion sperm zona pellucida heterologous binding
Reprod Domest Anim, 50, 1011-1016 (2015). doi: 10.1111/rda.12628
Numero citazioni: 17
Ranking rivista: Q1 Scopus (Animal science and zoology)
22. Merlo B, Zambelli D, Cunto M, Iacono E, Nasi L, **Giaretta E**, Galeati G, Bucci D, Spinaci M.
Sex-sorted canine sperm cryopreservation: limits and procedural considerations
Theriogenology, 83, 1121-1127 (2015). doi: 10.1016/j.theriogenology.2014.12.018
Numero citazioni: 5
Ranking rivista: Q1 Web of Science (Veterinary sciences)
23. Mari G, Bucci D, Love CC, Mislei B, Rizzato G, **Giaretta E**, Merlo B, Spinaci M.
Effect of cushioned or single layer semen centrifugation before sex sorting on frozen stallion semen quality
Theriogenology, 83, 953-958 (2015). doi: 10.1016/j.theriogenology.2014.11.031
Numero citazioni: 8
Ranking rivista: Q1 Web of Science (Veterinary sciences)
24. **Giaretta E**, Estrada E, Bucci D, Spinaci M, Rodríguez-Gil JE, Yeste M.
Combining reduced glutathione and ascorbic acid has supplementary beneficial effects on boar sperm cryotolerance
Theriogenology, 83(3):399-407 (2015). doi: 10.1016/j.theriogenology.2014.10.002

Numero citazioni: 34

Ranking rivista: Q1 Web of Science (Veterinary sciences)

25. **Giaretta E***, Bucci D, Mari G, Galeati G, Love CC, Tamanini C, Spinaci M.
Is resveratrol effective in protecting stallion cooled semen?
Journal of Equine Veterinary Science, 34(11-12): 1307-131 (2014). doi:
10.1016/j.jevs.2014.09.011.
Numero citazioni: 12; *Corresponding author
Ranking pubblicazione: Q2 (Equine)

26. Spinaci M, Bucci D, Mazzoni M, **Giaretta E**, Vallorani C, Tamanini C, Clavenzani P, Galeati G.
Expression of α -gustducin and α -transducin, G-proteins coupled with taste receptors, in boar male gamete
Theriogenology, 82:144-151 (2014). doi: 10.1016/j.theriogenology.2014.03.016
Numero citazioni: 8
Ranking rivista: Q1 Web of Science (Veterinary sciences)

27. Bucci D, Isani G, **Giaretta E**, Spinaci M, Tamanini C, Ferlizza E, Galeati G.
Alkaline phosphatase in boar sperm function
Andrology, 2(1):100-6 (2014). doi: 10.1111/j.2047-2927.2013.00159.
Numero citazioni: 19
Ranking rivista: Q1 Scopus (Urology)

28. **Giaretta E***, Spinaci M, Bucci D, Tamanini C, Galeati G.
Effects of resveratrol on vitrified porcine oocytes
Oxidative Medicine and Cellular Longevity, 920257 (2013). doi: 10.1155/2013/920257.
Numero citazioni: 34; *Corresponding author
Ranking rivista: Q2 (Cell biology)

29. Bucci D., Galeati G., **Giaretta E.**, Tamanini C., Spinaci M.
Sex sorting of boar spermatozoa does not influence the localization of glucose transporters
Reprod Biol, 13(4):341-3 (2013). doi: 10.1016/j.repbio.2013.09.003
Numero citazioni: 2
Ranking rivista: Q2 Scopus (Animal science and zoology)

30. Balao da Silva CM, Spinaci M, Bucci D, **Giaretta E**, Peña FJ, Mari G, Galeati G.
Effect of sex sorting on stallion spermatozoa: heterologous oocyte binding tyrosine phosphorylation and acrosome reaction assay
Anim Reprod Sci, 141(1-2):68-74 (2013). doi: 10.1016/j.anireprosci.2013.07.008.
Numero di citazioni: 14
Ranking rivista: Q1 (Animal science and zoology)

Congressi Internazionali

1. Bucci D, **Giaretta E**, Mislei B, Martinez Pastor F, Galeati G, Nerozzi C, Tamanini C, Mari G, Nesci S, Spinaci M
Motility features of boar and stallion spermatozoa after treatments with mitochondrial complexes inhibitors: a comparison
19th International Congress on Animal Reproduction 26th-30th June 2022, Bologna, Italy
2. **Giaretta E**, Martinez Pastor F, Mislei B, Mari G, Nesci S, Galeati G, Spinaci M, Tamanini C, Bucci D
Principal component analysis on equine sperm motility and oxidative parameters in relation with mitochondrial function.
19th International Congress on Animal Reproduction 26th-30th June 2022, Bologna, Italy
3. **Giaretta E**, Gabai G, Mislei B, Bucci D, Damato A, Vigolo V, Falomo ME, Zennaro L
Evaluation of metabolomic profiling and oxidative stress markers of bull seminal plasma and their relationship with sperm motility before and after thawing.
13th AAAA Biennial Meeting 24th - 26th June 2022, Virtual Conference. *Oral presentation*
4. Spinaci M., Bucci D., Gadani B., **Giaretta E.**, Tamanini C., Galeati G.
Glutamate increases fertilizing ability of boar sperm
18th International Congress on Animal Reproduction (ICAR) 26th- 30th June 2016, Tours, France. Proceedings of 18th ICAR, abs. S22, pag. 50.
5. Bucci D., **Giaretta E.**, Merlo B., Iacono E., Mari G., Gadani B., Tamanini C., Galeati G., Spinaci M.
Effect of alkaline phosphatase on stallion sperm function
19th ESDAR conference 17-20th September 2015, Varna, Bulgaria. *Reprod Domest Anim*, 50 (S3), 46 (P17), 2015.
6. Galeati G., **Giaretta E.**, Bucci D., Plaza Dàavila M., Tamanini C., Spinaci M.
Embelin supplementation of ivm medium does not influence nuclear and cytoplasmic maturation of pig oocytes
19th ESDAR conference 17-20th September 2015, Varna, Bulgaria. *Reprod Domest Anim*, 50 (S3), 53 (P45), 2015.

7. **Giaretta E.**, Bucci D., Munerato M., Rizzato G., Mislei B., Mari G., Spinaci M., Tamanini C., Galeati G.
Implementation of an open source casa software for stallion motility assessment
19th ESDAR conference 17-20th September 2015, Varna, Bulgaria. *Reprod Domest Anim*, 50 (S3), 54 (P47), 2015.
8. Bucci D., Mari G., Isani G., **Giaretta E.**, Rizzato G., Galeati G., Tamanini C., Spinaci M.
Alkaline phosphatase activity in stallion seminal plasma and sperm extracts
18th ESDAR Conference, Helsinki, Finland, 11–13 September 2014. *Reprod Dom Anim* 49 (Suppl. 3):59 (P34), 2014.
9. Spinaci M., Merlo B., Love C.C., Mislei B., Rizzato G., **Giaretta E.**, Bucci D., Mari G.
Stallion semen quality after different pre-sorting treatments
XI International Symposium on Equine reproduction (ISER) 2014 January 26-31 , Hamilton, New Zealand. *JEVS*, 34 (1), 70, 2014.
10. Spinaci M., Mazzoni M., **Giaretta E.**, Vallorani C., Bucci D., Tamanini C., Clavanzani P., Galeati G.
Expression of α -gustducin and α -transducin, g-proteins coupled with taste receptors, in boar spermatozoa
17th ESDAR Conference 2013 September 12-14, Bologna - Italy. *Reprod. Domest. Anim.* 48 (S1), 87 (P63), 2013.
11. Galeati G., **Giaretta E.**, Bucci D., Tamanini C., Spinaci M.
Effects of resveratrol on parthenogenetic pig embryos
17th ESDAR Conference 12-14 Settembre 2013, Bologna - Italia. *Reprod. Domest. Anim.* 48 (S1), 102 (P122), 2013.
12. **Giaretta E.**, Spinaci M., Bucci D., Tamanini C., Galeati G.
Effects of resveratrol on vitrified porcine oocytes
17th ESDAR Conference 12-14 Settembre 2013, Bologna - Italia. *Reprod. Domest. Anim.* 48 (S1), 102 (P123), 2013.
13. Bucci D., Ferlizza E., Andreani G., Isani G., **Giaretta E.**, Spinaci M., Tamanini C., Galeati G.
Alkaline phosphatase is involved in boar sperm function
16th ESDAR Conference 29-31 Agosto 2012, Dublino-Irlanda. *Reprod. Domest. Anim.* 47 (S5), 78 (P27), 2012.

Congressi Nazionali

1. Damato D, Zennaro L, Vanzani P, **Giaretta E**, Gabai G
Possible interferences of bentonite on rumen metabolome highlighted by ¹H-NMR spectroscopy in dairy Holstein cows
SISVet National Congress, 2021 June 24-26. Virtual Conference
2. **Giaretta E.**, Palmonari A., Canestrari G., Mammi L., Cavallini D., Mordenti A., Formigoni A.
Ruminal degradability and intestinal digestibility of protein by a two-step in vitro assay
LXXIIIth SISVet National Congress, Olbia, 2019 June 19-22.
3. Mammi L. M.E., Cavallini D., **Giaretta E.**, Fusaro I, Mordenti A, Formigoni A.
Study of inflammatory markers in dairy cows exposed to grain-rich diet
23° Congress of animal science and production, Sorrento, 11-14 June 2019.
4. Palmonari A., Turrone S., **Giaretta E.**, Canestrari G., Formigoni A.
Effects of sugars on in vitro rumen microbial ecosystem
23° Congress of animal science and production, Sorrento, 11-14 June 2019.
5. **Giaretta E.**, Cabbri R., Galuppi R., Isani G., Formigoni A.
Honey bee fat body using near infrared spectroscopy
VIII Italian Symposium of NIR Spectroscopy, Genova, 30-31 May 2018
6. **Giaretta E.**, Mordenti A, Canestrari G., Brogna N., Mammi L., Bonfante E., Palmonari A., Fustini M., Formigoni A.
The use of rumination collars in beef cattle
LXXth SISVet National Congress, Brescia, 2016 June 13-16
7. **Giaretta E.**, Bucci D., Mari G., Galeati G., Tamanini C., Merlo B., Iacono E., Spinaci M.
(Presentazione Orale)
Effect on resveratrol on liquid storage of stallion semen
LXVIIth SISVet National Congress, Brescia, 2013 September 17-19
8. Bucci D., **Giaretta E.**, Spinaci M., Carlo Tamanini C., Giaretta E., Spinaci M., Tamanini C., Ferlizza E, Isani G, Galeati G.
Effect of alkaline phosphatase on in vitro fertilization of porcine oocytes
LXVIIth SISVet National Congress, Brescia, 2013 September 17-19.
9. Spinaci M, Mazzoni M, **Giaretta E**, Vallorani C, Bucci D, Tamanini C, Clavanzani P, Galeati G
Expression of α -gustducin and α -transducin, G-proteins coupled with taste receptors, in boar spermatozoa
Conference day SO.F.I.Vet., Chioggia (VE), 2012 September 27-28.

10. **Giaretta E.**, Bucci D., Spinaci M., Tamanini C., Galeati G.
Effect of ALP on in vitro fertilizing ability of boar spermatozoa
Conference day SO.F.I.Vet., Chioggia (VE), 2012 September 27-28