

2020

Académicos de la Facultad se destacan en negrita. (Faculty members are bolded)

1. Acuña-Olea, F., Sacristán, I., Aguilar, E., García, S., López, M.J., Oyarzún-Ruiz, P., Brito, J.L., **Fredes, F.**, Napolitano, C. 2020. Gastrointestinal and cardiorespiratory endoparasites in the wild felid guigna (*Leopardus guigna*) in Chile: Richness increases with latitude and first records for the host species. *International Journal for Parasitology-Parasites and Wildlife* 13: 13-21. ISI 1.923 (Q2)
2. Agüero, B., Mena, J., Berríos, F., Tapia, R., Salinas, C., Dutta, J., van Bakel, H., Mor, S.K., Brito, B., Medina, R.A.; **Neira, V.** 2020. First report of porcine respirovirus 1 in South America. *Veterinary Microbiology* 246: Número de artículo: 108726 ISI 3.030 (Q1)
3. Alaniz, A.J., Soares, A.O., Vergara, P.M., de Azevedo, E.B., **Grez, A.A.** 2020. The failed invasion of *Harmonia axyridis* in the Azores, Portugal: Climatic restriction or wrong population origin? *Insect Science* DOI: 10.1111/1744-7917.12756 ISI 2.791 (Q1)
4. Alessandri, N., Durán, E., **Valenzuela, C.** 2020. Chilean tinamou eggs (*Nothoprocta perdicaria*): a new alternative in Chile. *Revista Chilena de Nutrición* 47(1): 135-140. ISI 0.533
5. **Arias J.L.**, Silva K., **Neira-Carrillo A.**, Ortiz L., **Arias J.I.**, Butto N., **Fernández M.S.** 2020. Polycarboxylated eggshell membrane scaffold as template for calcium carbonate mineralization. *Crystals* 10(9): Número de artículo 797. ISI 2.404 (Q2)
6. Ariede, R.B., Freitas, M.V., Agudelo, J.F.G., Borges, C.H.S., Lira, L.V.G., Yoshida, G.M., Pilarski, F., **Yáñez, JM.** 2020. Genetic (co)variation between resistance to *Aeromonas hydrophila* and growth in tambaqui (*Colossoma macropomum*). *Aquaculture* 523: Número de artículo: 735225 ISI 3.225 (Q1)
7. Arros, F., Garrido, C., **Valenzuela, C.** 2020. Development and characterization of nettle-leaves powder (*Urtica urens*) as a potential supplement for animal feed. *Revista de la Facultad de Ciencias Agrarias* 52 (1): 353-359. ISI 0.978 (Q3)
8. Arzabe AA, **Rubio AV**, Simonetti JA. 2020. Bolivia and the risk of wildlife zoonotic diseases: a plea to young researchers. *Ecología en Bolivia* 55:140-142. NO ISI
9. Astorga, M.P., Cárdenas, L., Pérez, M., Toro, J.E., **Martínez, V.**, Farías, A., Uriarte, I. 2020. Complex spatial genetic connectivity of mussels *Mytilus chilensis* along the Southeastern pacific coast and its importance for resource management. *Journal of Shellfish Research* 39(1): 76-85. ISI 0.933 (Q3)
10. Avendaño, C Sanchez, M; **Valenzuela, C.** 2020. Insects: an alternative for animal and human feeding. *Revista Chilena de Nutrición* 47(6): 1029-1037. ISI 0.533
11. Berentsen, A. R.; Cruz-Martínez, L.; Vos, A.; Ortmann, S.; Kretzschmar, A.; Kaiser, C.; **Hervé-Claude, L.**; Knobel, D.; Rupprecht, C. E. (2020). Disappearance Rates of a Placebo Bait for the Small Indian Mongoose Across Different Habitats on St. Kitts. *Caribbean Journal of Science*, 50(2), 236. <https://doi.org/10.18475/cjos.v50i2.a5> NO ISI
12. Berger, J., Wangchuk, T., **Briceño, C.**, Vila, A., Lambert, J.E. 2020. Disassembled food webs and messy projections: modern ungulate communities in the face of unabating human population growth. *Frontiers in Ecology and Evolution* 8: Número de artículo: 128 ISI 2.416 (Q2)

13. Block, M.A.G., Laguna, J.A., Cetrangolo, O., **Ábalos**, P.C., Guerrero, R., Knauth, D.R., Ghaffar, A., Leon, P.P., Sáenz, M.D., McQuire, R.G., Zavala, B.M., Calderon, E.G. 2020. Health policy and systems research publications in Latin America warrant the launching of a new specialised regional journal. *Health Research Policy and Systems* 18(1): Número de artículo: 59 ISI 2.365 (Q2)
14. Botto-Mahan, C., Bacigalupo, A., Correa, J.P., Fonturbel, F.E., **Cattan, P.E.**, Solari, A. 2020. Prevalence, infected density or individual probability of infection? Assessing vector infection risk in the wild transmission of Chagas disease. *Proceedings of the Royal Society B-Biological Sciences* 287(1922): Número de artículo: 20193018. ISI 4.638 (Q1)
15. Bravo-Vasquez, N., Baumberger, C., Jiménez-Bluhm, P., Di Pillo, F., Lazo, A., Sanhueza, J., Schultz-Cherry, S., **Hamilton-West**, C. 2020. Risk factors and spatial relative risk assessment for influenza A virus in poultry and swine in backyard production systems of central Chile. *Veterinary Medicine and Science* 6(3): 518-526 ISI 0.954 (Q3)
16. Bravo-Vasquez, N., Yao, J., Jiménez-Bluhm, P., Meliopoulos, V., Freiden, P., Sharp, B., **Hamilton-West**, C. (2020). Equine-Like H3 Avian Influenza Viruses in Wild Birds, Chile. *Emerging Infectious Diseases*, 26(12), 2887-2898. <https://doi.org/10.3201/eid2612.202063>. ISI 6.259 (Q1)
17. **Briceño C.**, González-Acuña D., Jiménez J.E., Bornscheuer M.L., Funk S.M., Knapp L.A. 2020. ear mites, *Otodectes cynotis*, on wild foxes (*Pseudalopex* spp.) in Chile. *Journal of Wildlife Diseases* 56(1): 105-112. ISI 1.187 (Q2)
18. Butto, N., Vera, N.C., Diaz-Soler, F., Yazdani-Pedram, M., **Neira-Carrillo**, A. 2020. Effect of chitosan electrospun fiber mesh as template on the crystallization of calcium oxalate. *Crystals* 10(6): Número de artículo: 453 ISI 2.404 (Q2)
19. Cadiz, M.I., López, M.E., Diaz-Dominguez, D., Caceres, G., Yoshida, G.M., Gómez-Uchida, D., **Yáñez, J.M.** 2020. Whole genome re-sequencing reveals recent signatures of selection in three strains of farmed Nile tilapia (*Oreochromis niloticus*). *Scientific Reports* 10(1): Número de artículo: 11514 ISI 3.998 (Q1)
20. Cano, I., Lagos, F., Bravo, F., Kobrich, C., Maino, M. 2020 Diálogo y reflexión en procesos de enseñanza-aprendizaje en cursos de Agricultura Campesina y Desarrollo Rural. **In:** Póo Figueroa, X., Dougnac Quintana, P., Flores González, M., Osorio Arredondo, F., Ravanal Ponce, M. y Sánchez Riadi, A. (2020). *Extensión con sentido país: innovando en las prácticas de extensión, vinculación con el medio y comunicaciones en la Universidad de Chile 2016-2018*. NO ISI
21. Caruffo, M., Mandakovic, D., Mejias, M., Chavez-Baez, I., Salgado, P., Ortiz, D., Montt, L., Pérez-Valenzuela, J., Vera-Tamargo, F., **Yáñez, J.M.**, Wacyk, J., Pulgar, R. 2020. Pharmacological iron-chelation as an assisted nutritional immunity strategy against *Piscirickettsia salmonis* infection. *Veterinary Research* 51(1): Número de artículo: 134 ISI 3.357 (Q1)
22. Castellaro, G., Orellana, C., Escanilla, J., Bastias, C., Cerpa, P., **Raggi**, L. 2020. Botanical composition and diet quality of the vicuñas (*Vicugna vicugna* Mol.) in highland range of Parinacota, Chile. *Animal* 10(7): Número de artículo: 1205 ISI 2.400 (Q1)
23. Castillo, C., **Neira**, V., Aninir, P., Grecco, S., Pérez, R., Panzera, Y., Zegpi, N.A., Sandoval, A., Sandoval, D., Cofre, S., Ortega, R. 2020. First molecular identification of canine parvovirus type 2 (cpv2) in Chile reveals high occurrence of

- CPV2c antigenic variant. *Frontiers in Veterinary Science* 7: Número de artículo: 194 ISI 2.245 (Q1)
24. Castro R., Morales P., **Parraguez V.H.** 2020. Post-thawing sperm quality in Chilean purebred stallions: effect of age and seasonality. *Journal of Equine Veterinary Science* 92: Número de artículo: 103170 ISI 1.100 (Q3)
 25. Castromonte, M., Wacyk, J., **Valenzuela, C.** 2020. Encapsulation of antioxidant extracts from agroindustrial by-products: a review. *Revista Chilena de Nutrición* 47(5): 836-847. ISI 0.533
 26. **Cornejo J.**, Araya P., Ibañez D., Hormazabal J.C., **Retamal P.**, Fresno M., **Lapierre L.** 2020. Identification of *Coxiella burnetii* in tank raw cow milk: first findings from Chile. *Vector-borne and Zoonotic Diseases* 20(3): 228-230. ISI 2.249 (Q2)
 27. Cornejo, J., Pokrant, E., Figueroa, F., Riquelme, R., Galdames, P., Di Pillo, F., Jiménez-Bluhm, P., **Hamilton-West, C.** 2020. Assessing antibiotic residues in poultry eggs from backyard production systems in Chile, first approach to a non-addressed issue in farm animals. *Animals* 10(6): Número de artículo: 1056 ISI 2.323 (Q1)
 28. Correa, J.P., Bacigalupo, A., Yefi-Quinteros, E., Rojo, G., Solari, A., **Cattan, P.E.**, Botto-Mahan, C. 2020. Trypanosomatid infections among vertebrates of Chile: A systematic review. *Pathogens* 9(8): Número de artículo: 661 ISI 3.018 (Q2)
 29. Cruz-Martínez, L.; Agostini-Zamora, T.; **Herve-Claude, L.P.**; Sithole, F.; Stephen, C. 2020. Public Support, Knowledge, and Attitudes Towards Mongoose Control in St. Kitts, West Indies. *Caribbean Journal of Science* 50(2), 250-257. <https://doi.org/10.18475/cjos.v50i2.a8> NO ISI
 30. Cruz, P., Sosoniuk-Roche, E., Maldonado, I., **Torres, C.G.**, Ferreira, A. 2020. *Trypanosoma cruzi* calreticulin: In vitro modulation of key immunogenic markers of both canine tumors and relevant immune competent cells. *Immunobiology* 225(2): Número de artículo: UNSP 151892 ISI 2.788 (Q3)
 31. **De los Reyes, M.**, Palomino, J., Gallegos, C., Espinoza, R., Dettleff, **P.**, **Peralta, O.A.**, **Parraguez, V.H.**, Ramírez, G. 2020. Gene and protein expression of connexins 37 and 43 in cumulus-oocytes complexes throughout the canine oestrous cycle. *Reproduction Fertility and Development* 32(11): 976-987. ISI 1.721 (Q2)
 32. Dettleff, P., Hernandez, E., Partridge, G., Lafarga-De la Cruz, F., **Martínez, V.** 2020. Understanding the population structure and reproductive behavior of hatchery-produced yellowtail kingfish (*Seriola lalandi*). *Aquaculture* 522: Número de artículo: 734948 ISI 3.225 (Q1)
 33. Di Pillo, F., Jiménez-Bluhm, P., Baumberger, C., Marambio, V., Galdames, P., Monti, G., ... & **Hamilton-West, C.** (2020). Movement Restriction and Increased Surveillance as Efficient Measures to Control the Spread of Highly Pathogenic Avian Influenza in Backyard Productive Systems in Central Chile. *Frontiers in Veterinary Science*, 7. ISI 2.245 (Q1)
 34. Donoso, A., Paredes, N., **Retamal, P.** 2020. Detection of antimicrobial resistant *Salmonella enterica* strains in larval and adult forms of lesser mealworm (*Alphitobius diaperinus*) from industrial poultry farms. *Frontiers in Veterinary Science* 7: Número de artículo: 577848. ISI 2.245 (Q1)
 35. Durán E., Churio O., Arias J.L., **Neira-Carrillo A.**, **Valenzuela C.** 2020. Preparation and characterization of novel edible matrices based on alginate and

why for oral delivery of iron. *Food Hydrocolloids* 98: Article N° 105277. ISI 7.053 (Q1)

36. **Elgueta D.**, Delano P.H. 2020. Corticofugal modulation of audition. *Current Opinion in Physiology* 18: 73-78. NO ISI
37. Fierro, A., Vergara, P.M., **Greza, A.A.**, Alaniz, A.J., Carvajal, M.A., Lizama, M., Ramírez-Hernandez, A. 2020. Landscape-scale management of exotic forest plantations: synergy between deadwood and clear-cutting synchrony modulates saproxylic beetle diversity. *Landscape Ecology* 35(3): 621-638 ISI 3.385 (Q1)
38. Figueroa, J., Muller, M., **Guzman-Pino, S.A.**, Franco-Rossello, R., Sola-Oriol, D., Borda, E., Dwyer, D.M., Pérez, J.F. 2020. Acquisition of flavour preferences in pigs through interactions with conspecifics that had previously consumed flavoured protein solutions. *Animal* 14(8): 1740-1744. ISI 2.400 (Q1)
39. **Galarce, N.**, Sanchez, F., Fuenzalida, V., Ramos, R., Escobar, B., **Lapierre, L.**, Paredes-Osses, E., Arriagada, G., Alegria-Moran, R., Lincopan, N., Fuentes-Castillo, D., Vera-Leiva, A., González-Rocha, G., Bello-Toledo, H., Borie, C. 2020. Phenotypic and genotypic antimicrobial resistance in Non-O157 shiga toxin-producing *Escherichia coli* isolated from cattle and swine in Chile. *Frontiers in Veterinary Science* 7: Número de artículo: 367 ISI 2.245 (Q1)
40. **Galarce, N** (Galarce, Nicolas)[1] ; Escobar, B (Escobar, Beatriz)[1] ; Martínez, E (Martínez, Eduard)[1,2] ; Alvarado, N (Alvarado, Natalia)[1] ; Peralta, G (Peralta, Gabriela)[1] ; Dettleff, P (Dettleff, Phillip)[3,4] ; Dorner, J (Dorner, Jessica)[3] ; **Martínez, V** (Martínez, Victor)[3] ; Borie, C, 2020. Prevalence and Genomic Characterization of *Brucella canis* Strains Isolated from Kennels, Household, and Stray Dogs in Chile. *ANIMALS* 10(11): Número de artículo: 2073 ISI 2.323 (Q1)
41. González, G., Cotoras, D.D., **Greza, A.A.** 2020. Annotated list of island lady beetles from Chile (Coleoptera: Coccinellidae). *Zootaxa* 4852(5): 501-526. ISI 0.955 (Q3)
42. González-Bulnes, A., **Parraguez, V.H.**, Berlinguer, F., Barbero, A., García-Contreras, C., López-Tello, J., Pesantez-Pacheco, J.L., Martínez-Ros, P. 2020. The impact of prenatal environment on postnatal life and performance: Future perspectives for prevention and treatment. *Theriogenology* 150: 15-19 ISI 2.094 (Q1)
43. Granda-Rodríguez, H.D., Montes-Correa, A.C., Jiménez-Bolano, J.D., Alaniz, A.J., **Cattan, PE.** 2020. Insights into the natural history of the endemic Harlequin Toad, *Atelopus laetissimus* (Ruiz-Carranza, Ardila-Robayo, and Hernandez-Camacho, 1994) (Anura: Bufonidae), in the Sierra Nevada de Santa Marta, Colombia. *Amphibian & Reptile Conservation* 14(1): 29-42 ISI 1.133 (Q3)
44. Guzman, M., **Hidalgo, H.** 2020. Live Attenuated Infectious Bronchitis Virus Vaccines in Poultry: Modifying Local Viral Populations Dynamics. *ANIMALS* 10(11): Número de artículo: 2058 ISI 2.323 (Q1)
45. Hidalgo-Hermoso E., Cabello J., Vega C., Kroeger-Gómez H., Moreira-Arce D., Napolitano C., **Navarro C.**, Sacristán I., Cevitanes A., Di Cataldo S., Dubovi E.J., Mathieu-Benson C., Millán J. (2020). An eight-year survey for canine distemper virus indicates lack of exposure in the endangered Darwin's fox (*Lycalopex fulvipes*). *Journal of Wildlife Diseases* 56(2): 482-485. ISI 1.187 (Q2)
46. Honek, A., Brown, P.M.J., Martinkova, Z., Skuhrovec, J., Brabec, M., Burgio, G., Evans, E.W., Fournier, M., **Greza, A.A.**, Kulfan, J., Lami, F., Lucas, E., Lumbierres,

- B., Masetti, A., Mogilevich, T., Orlova-Bienkowskaja, M., Phillips, W.M., Pons, X., Strobach, J., Viglasova, S., Zach, P., Zaviezo, T. 2020. Factors determining variation in colour morph frequencies in invasive *Harmonia axyridis* populations. *Biological Invasions* 22(6): 2049-2062 ISI 3.087 (Q1)
47. Jiménez M., Stoore C., Hidalgo C., Correa F., Hernandez M., Benavides J., Ferreras M.C., **Sáenz L.**, Paredes R. 2020. Lymphocyte populations in the adventitial layer of hydatid cysts in cattle: relationship with cyst fertility status and fasciola hepatica co-infection. *Veterinary Pathology* 57(1): 108-114. ISI 2.010 (Q1)
48. **Lapierre, L., Cornejo, J.**, Zavala, S., **Galarce, N.**, Sanchez, F., Benavides, M.B., Guzman, M., **Sáenz, L.** 2020. Phenotypic and genotypic characterization of virulence factors and susceptibility to antibiotics in *Salmonella infantis* strains isolated from chicken meat: First findings in Chile. *Animals* 10(6): Número de artículo: 1049 ISI 2.323 (Q1)
49. Lira, L.V.G., Ariede, R.B., Freitas, M.V., Mastrochirico, V.A., Agudelo, J.F.G., Barria, A., **Yáñez, J.M.**, Hashimoto, D.T. 2020. Quantitative genetic variation for resistance to the parasite *Ichthyophthirius multifiliis* in the Neotropical fish tambaqui (*Colossoma macropomum*). *Aquaculture Reports* 17: Número de artículo: UNSP 100338 ISI 2.289 (Q2)
50. López, M., Miranda, E., Ramos, C., García, H., **Neira-Carrillo, A.** 2020. Activation of early defense signals in seedlings of *Nicotiana benthamiana* treated with chitin nanoparticles. *Plants-Basel* 9(5): Número de artículo: 607 ISI 2.762 (Q1)
51. Mastrochirico, V.A., Borges, C.H.S., Freitas, M.V., Ariede, R.B., Pilarski, F., Utsunomia, R., Carvalheiro, R., Gutierrez, A.P., Penaloza, C., **Yáñez, J.M.**, Houston, R.D., Hashimoto, D.T. 2020. Development of a SNP linkage map and genome-wide association study for resistance to *Aeromonas hydrophila* in pacu (*Piaractus mesopotamicus*). *BMC Genomics* 21(1): Número de artículo: 672 ISI 3.594 (Q2)
52. Melendez, P., Ramírez, R., Marin, M.P., **Duchens, M.**, Pinedo, P. 2020. Comparison between linseed expeller and canola expeller on concentrate intake, and circulating inflammatory mediators in Holstein calves. *Animal Nutrition* 6(1): 47-53 ISI 4.492 (Q1)
53. Mendoza H., **Rubio A.V.**, García-Pena G.E., Suzan G., Simonetti J.A. 2020. Does land-use change increase the abundance of zoonotic reservoirs? Rodents say yes. *European Journal of Wildlife Research* 66(1): Article N° 6. ISI 1.381 (Q2)
54. Montecino-Latorre, D., Napolitano, C., **Briceño, C.**, Uhart, M.M. 2020. Sarcoptic mange: An emerging threat to Chilean wild mammals? *Perspectives in Ecology and Conservation* 18(4): 267-276. ISI 3.563 (Q1)
55. Moreno-Switt, A.I., Pezoa, D., Sepulveda, V., González, I., Rivera, D., **Retamal, P.**, Navarrete, P., Reyes-Jara, A., Toro, M. 2020. Transduction as a potential dissemination mechanism of a clonal QNRB19-carrying plasmid isolated from *Salmonella* of multiple serotypes and isolation sources (vol 10, 2503, 2019). *Frontiers in Microbiology* 11: Número de artículo: 547 ISI 4.236 (Q1)
56. Muñoz-San Martín, C., Arbocco, F.C.V., Saavedra, M., Actis, E.A., Rios, T.A., Abba, A.M., Morales, M.E., **Cattan, P.E.**, Jahn, G.A., Superina, M. 2020. High rates of *Trypanosoma cruzi* infection in goats from Mendoza province, Argentina: Parasite loads in blood and seasonal variation. *Acta Tropica*: 208: Número de artículo: UNSP 105493 ISI 2.555 (Q1)

57. Naval-Sanchez, M., McWilliam, S., Evans, B., **Yáñez, J.M.**, Houston, R.D., Kijas, J.W. 2020. Changed patterns of genomic variation following recent domestication: selection sweeps in farmed atlantic salmon. *Frontiers in Genetics* 11: Número de artículo: 264 ISI 3.260 (Q2)
58. Orellana C., **Parraguez V.H.**, Arana W., Escanilla J., Zavaleta C.; Castellaro G. 2020. use of fecal indices as a non-invasive tool for nutritional evaluation in extensive-grazing sheep. *Animals* 10(1): Article N° 46. ISI 2.323 (Q1)
59. Ortega, R., Mena, J., Grecco, S., Pérez, R., Panzera, Y., Napolitano, C., Zegpi, N.A., Sandoval, A., Sandoval, D., González-Acuna, D., Cofre, S., **Neira, V.** 2020. Domestic dog origin of carnivore protoparvovirus 1 infection in a rescued free-ranging guinea (Leopardus guigna) in Chile. *Transboundary and Emerging Diseases* DOI: 10.1111/tbed.13807 ISI 4.188 (Q1)
60. **Parraguez, V.H.**, Sales, F., **Peralta, O.A.**, Narbona, E., Lira, R., **De los Reyes, M.**, González-Bulnes, A. 2020. Supplementation of underfed twin-bearing ewes with herbal vitamins C and E: impacts on birth weight, postnatal growth, and pre-weaning survival of the lambs. *Animals* 10(4): Número de artículo: 652 ISI 2.323 (Q1)
61. Penna M., **Solis R.**, Corradini P., Moreno-Gómez F.N. 2020. Diverse patterns of temporal selectivity in the evoked vocal responses of a frog from the temperate austral forest, *Batrachyla taeniata* (Batrachylidae). *Bioacoustics-The International Journal of Animal Sound and its Recording* 29(4): 441-460. ISI 2.222 (Q1)
62. **Peralta O.A.**, Carrasco C., Vieytes C., Tamayo M.J., Muñoz I., Sepulveda S., **Tadich T.**, **Duchens M.**, Melendez P., Mella A., Torres C.G. 2020. Safety and efficacy of a mesenchymal stem cell intramammary therapy in dairy cows with experimentally induced *Staphylococcus aureus* clinical mastitis. *Scientific Reports* 10(1): Número de artículo: 2843. ISI 3.998 (Q1)
63. Plissock, P., Simonetti, J.A., **Grez, A.A.**, Vergara, P.M., Barahona-Segovia, R.M. 2020. Defining corridors for movement of multiple species in a forest-plantation landscape. *Global Ecology and Conservation* 23: Número de artículo: e01108 ISI 2.526 (Q2)
64. Radtke-Schuller, S., Town, S.M., Yin, P.B., **Elgueda, D.**, Schuller, G., Bizley, J.K., Shamma, S.A., Fritz, J.B. 2020. Dorsal prefrontal and premotor cortex of the ferret as defined by distinctive patterns of thalamo-cortical projections. *Brain Structure & Function* 225(5): 1643-1667. ISI 3.298 (Q1)
65. Ramírez, G., Palomino, J., Aspee, K., **De los Reyes, M.** 2020. GDF-9 and BMP-15 mRNA levels in canine cumulus cells related to cumulus expansion and the maturation process. *Animals* 10(3): Número de artículo: 462 ISI 2.323 (Q1)
66. **Ramírez-Toloza, G.**, Sosoniuk-Roche, E., Valck, C., **Aguilar-Guzman, L.**, Ferreira, V.P., Ferreira, A. 2020. Trypanosoma cruzi calreticulin: immune evasion, infectivity, and tumorigenesis. *Trends in Parasitology* 36(4): 368-381 ISI 6.918 (Q1)
67. **Ramírez-Toloza, G.**, **Aguilar-Guzman, L.**, Valck, C., Ferreira, V.P., Ferreira, A. 2020. The interactions of parasite calreticulin with initial complement components: Consequences in immunity and virulence. *Frontiers in Immunology* 11: Número de artículo: 1561 ISI 5.085 (Q1)

68. Reyes, P., Urquiaga, I., Echeverria, G., Duran, E., **Morales, M.S., Valenzuela, C.** 2020. Wine grape pomace flour in broiler diets effects growth and some meat characteristics. *Animal Production Science* 60(9): 1210-1216 ISI 1.215 (Q3)
69. Rodriguez-San Pedro, A., Allendes, J.L., Beltran, C.A., Chaperon, P.N., Saldarriaga-Cordoba, M.M., Silva, A.X., **Grez, A.A.** 2020. Quantifying ecological and economic value of pest control services provided by bats in a vineyard landscape of central Chile. *Agriculture Ecosystems & Environment* 302: Número de artículo: 107063. ISI 4.241 (Q1)
70. Rojo, G., Pelissier, F., Sandoval-Rodriguez, A., Bacigalupo, A., García, V., Pinto, R., Ortiz, S., Botto-Mahan, C., **Cattan, P.E.**, Solari, A. 2020. Organs infected with *Trypanosoma cruzi* and DTU identification in the naturally infected rodent *Octodon degus*. *Experimental Parasitology*. 215: Número de artículo: 107931 ISI 1.690 (Q3)
71. Romero R, Zaviezo, T., **Grez, A.A.** 2020. The invasive coccinellid *Harmonia axyridis* (Coleoptera:Coccinellidae) is a less suitable host for parasitism than resident species. *International Journal of Agriculture and Natural Resources* 47: 312-323. NO ISI
72. Ruiz-Philipps, S. A., Baumberger, C., Jiménez-Bluhm, P., Marambio, V., Salazar, C., & **Hamilton-West, C.** (2020). Factores ambientales relacionados con la presentación de virus influenza A en aves silvestres. *Revista MVZ Córdoba*, 25(2), e1845-e1845. ISI 0.377 (Q4)
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