

## Artículos en Revistas Arbitradas

### Artículos en Revistas Científicas Especializadas 2021

#### Línea 1. Enfermedades Infecciosas

N°	Artículo
1	Abel Villa-Mancera, Mariana Aldeco-Pérez, Pedro Molina-Mendoza, Karina Hernández-Guzmán, Juan Antonio Figueroa-Castillo, Alejandro Reynoso-Palomar. Prevalence and risk factors of gastrointestinal nematode infestation of horses, donkeys and mules in tropical, dry and temperate regions in Mexico. <i>Parasitology International</i> . 2021. 81. 0. 0. 0. 0-0. <a href="https://doi.org/10.1016/j.parint.2020.102265">https://doi.org/10.1016/j.parint.2020.102265</a>
2	Alejandro Nava Vargas, Feliciano Milián Suazo, Germinal Jorge Cantó Alarcón, José A. Gutiérrez Pabello. Intracellular survival of <i>Mycobacterium bovis</i> strains with high and low frequency in cattle populations in a bovine macrophage model. <i>Revista Mexicana De Ciencias Pecuarias</i> . 2021. 12. 2. 487. 2. 487-502. doi.org/10.22319/rmcp.v12i2.5542
3	Álvarez-Mendizábal Paulina, Fabricio Villalobos, Karla Rodríguez-Hernández Carolina Hernández-Lara, Oscar Rico-Chávez, Gerardo Suzán, Leonardo Chapa-Vargas y Diego Santiago-Alarcon. Metacommunity structure reveals that temperature affects the landscape compositional patterns of avian malaria and related haemosporidian parasites across elevations. <i>Acta Oecologica</i> . 2021. 113. 0. 1. 0. 1-12. <a href="https://doi.org/10.1016/j.actao.2021.103789">https://doi.org/10.1016/j.actao.2021.103789</a>
4	Araiza Ortiz, M. A., L. Zambrano-González, M. Mazari Hiriart y G. Suzán. Evaluación de humedales someros tropicales semiáridos asociados al botulismo aviar. <i>Revista De Ciencias Ambientales</i> . 2021. 55. 2. 141. 2. 141-156. <a href="https://doi.org/10.15359/rca.55-2.7">https://doi.org/10.15359/rca.55-2.7</a>
5	Aranda-López Y, López-López L, Castro KEN, Ponce-Regalado MD, Becerril-Villanueva LE, Girón-Pérez MI, Del Río-Araiza VH, Morales-Montor J. Cysticidal effect of a pure naphthoquinone on <i>Taenia crassiceps</i> cysticerci. <i>Parasitology Research</i> . 2021. 0. 120. 3783. 120. 3783-3794. 10.1007/s00436-021-07281-x
6	Arianna Romero Flores, Marcelo Gottschalk, Gabriela Bárcenas Morales, Víctor Quintero Ramírez, Rosario Esperanza Galván Pérez, Rosalba Carreón Nápoles, Ricardo Ramírez R., José Iván Sánchez Betancourt, Abel Ciprián Carrasco, Susana Mendoza Elvira. Predicción molecular de serotipos de <i>Streptococcus suis</i> aislados de granjas porcinas en México. <i>Rev Mex Cien Pec</i> . 2021. 12. 3. 681. 3. 681-693. 10.22319/rmcp.v12i3.5668
7	Barrón-Rodríguez RJ, Rojas-Anaya E, Ayala-Summano JT, Romero-Espinosa JÁI, Vázquez-Pérez JA, Cortés-Cruz M, García-Espinosa G, Loza-Rubio E. Swine virome on rural backyard farms in Mexico: communities with different abundances of animal viruses and phages.

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	Archives Of Virology. 2021. 166. 2. 475. 2. 475-489. 10.1007/s00705-020-04894
8	Campos-Macías P., Arenas R., Aquino CJ., Romeo-Navarrete M., Martínez Hernández F., Martínez-Chavarría LC., Xicohtencatl-Cortes J., Hernández-Castro R. Chromoblastomycosis caused by Fonsecaea monophora in Mexico. J Mycol Med. 2021. 31. 2. 0. 2. 0-0. doi: 10.1016/j.mycmed.2021.101114
9	Carolina Segundo Zaragoza, Itzel López Ortiz, David Alejandro Contreras Caro del Castillo, Yesmín María Domínguez Hernández, Juan Antonio Rodríguez García. Characterization, enzymatic activity and biofilm formation of Candida species isolated from goat milk. Revista Iberoamericana De Micología. 2021. 0. 0. 0. 0. 175-179. <a href="http://www.elsevier.es/reviberoammicol">www.elsevier.es/reviberoammicol</a>
10	Chaves, A., D. Montecino-Latorre, P. Alcázar, y G. Suzán. Wildlife rehabilitation centers as a potential source of transmission of SARS-CoV-2 into native wildlife of Latin America. Biotropica. 2021. 0. 0. 1. 0. 1-7. <a href="https://doi.org/10.1111/btp.12965">https://doi.org/10.1111/btp.12965</a>
11	Chaves, A., M. Piche-Ovares, E. Corrales, G. Suzán, A. Moreira-Soto, G. A. Gutiérrez-Espeleta. Serosurvey of Nonhuman Primates in Costa Rica at the Human–Wildlife Interface Reveals High Exposure to Flaviviruses. Insects. 2021. 12. 554. 1. 554. 1-12. . <a href="https://doi.org/10.3390/insects12060554">https://doi.org/10.3390/insects12060554</a>
12	Chávez-Maya F, García-Espinosa G, López-Arellano ME, Padilla-Noriega L. Mutations in the VP2 gene of rotavirus associated with benzimidazole sensitivity. Virus Res. 2021. 291. 19818. 0. 19818. 0-0. 10.1016/j.virusres.2020.198189
13	Citlali Cecilia Mendoza-Guevara, Eva Ramon-Gallegos, Alejandro Martinez-Escobar, Rogelio Alonso-Morales, Maria Del Pilar Ramos-Godinez, Jorge Ortega. Attachment and in vitro transfection efficiency of an anti-rabies Chitosan-DNA nanoparticle vaccine. Ieee Trans Nanobioscience. 2021. 21. 1. 105. 1. 105-116. doi: 10.1109/TNB.2021.3092307..
14	Coles ME, Forga AJ, Señas-Cuesta R, Graham BD, Selby CM, Uribe AJ, Martínez BC, Angel-Isaza JA, Vuong CN, Hernandez-Velasco X, Hargis BN, Tellez-Isaias G. Assessment of Lippia organoides essential oils in a Salmonella typhimurium, Eimeria maxima, and Clostridium perfringens challenge model to induce necrotic enteritis in broiler chickens. Animals. 2021. 11. 1111. 1. 1111. 1-12. <a href="https://doi.org/10.3390/ani11041111">https://doi.org/10.3390/ani11041111</a> .
15	Córdoba-Aguilar, A., C. Ibarra-Cerdeña, I. Castro-Arellano y G. Suzán. Tackling zoonoses in a crowded world: lessons to be learned from the COVID-19 pandemic. Acta Tropica. 2021. 214. 0. 1. 0. 1-4. <a href="http://doi.org/10.1016/j.actatropica.2021.105780">http://doi.org/10.1016/j.actatropica.2021.105780</a> .
16	Daniel Nunez-Avellaneda, Rosa Carmina Cetina-Trejo, Emily Zamudio-Moreno, Carlos Baak-Baak, Nohemi Cigarroa-Toledo, Guadalupe Reyes-Solis, Antonio Ortega-Pacheco, Gerardo Suzán, Chandra Tandugu, Julián

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	E. García-Rejón, Bradley J. Blitvich, Carlos Machain-Williams. Evidence of Zika Virus Infection in Pigs and Mosquitoes, Mexico. <i>Emerging Infectious Diseases</i> . 2021. 27. 2. 0. 2. 0-0. <a href="https://doi.org/10.3201/eid2702.201452">https://doi.org/10.3201/eid2702.201452</a> .
17	De la Rosa-Ramos MA., Salcedo-Hernández R., Sarmiento-Silva RE., Aguilera-Arreola MaG., Alcántar-Curiel MD., Betanzos-Cabrera G., Rodríguez-Mártinez S., Cancino-Díaz ME., Cancino-Díaz JC. Non-epidermidis coagulase negative Staphylococcus isolated from farm animals can inhibit the hemagglutinating activity of Newcastle disease virus and bovine parainfluenza virus type 3. <i>Comp Immunol Microbiol Infect Dis</i> . 2021 Jun;76:101649. 2021. 76. 10164. 1. 10164. 1-10. doi: 10.1016/j.cimid.2021.101649 ..
18	Del Río-Araiza VH, Mendoza MS, Castro KEN, Cruz SM, Rueda KC, de Leon CTG, Morales Montor J. Bisphenol A, an endocrine-disruptor compound, that modulates the immune response to infections. <i>Frontiers In Bioscience-Landmark</i> . 2021. 26. 2. 343. 2. 343-362. 10.2741/4897.
19	Elizabeth Araceli Quezada Fraide, Claudia Giovanna Peñuelas Rivas, Frida Sarair Moysén-Albarrán, Maria Elena Trujillo Ortega, Francisco Ernesto Martínez Castañeda. Desempeño productivo y costos de granjas porcinas con diferentes protocolos de vacunación al virus de PRRS. <i>Revista Mexicana De Ciencias Pecuarias</i> . 2021. 12. 1. 205. 1. 205-216. 10.22319/rmcp.v12il.5377.
20	Fernanda Pérez-Lombardini , Karen F. Mancera , Gerardo Suzán , Julio Campo , Javier Solorio and Francisco Galindo. Assessing sustainability in cattle silvopastoral systems in the Mexican tropics using the SAFA framework. <i>Animals</i> . 2021. 1. 109. 1. 109. 1-21. <a href="https://doi.org/10.3390/ani11010109">https://doi.org/10.3390/ani11010109</a> .
21	García Peña, G., André V. Rubio, Hugo Méndoza, Miguel Fernández, Matthew T. Milholand, A. Alonso guirre, Gerardo Suzán y Carlos Zambrando-Torrelío. Land-use change and rodent-borne diseases: hazards on the shared socioeconomic pathways. <i>The Royal Society Publishing</i> . 2021. 376. 0. 1. 0. 1-11. doi.org/10.1098/rstb.2020.0362.
22	Gaytán-Camarillo F, Rico-Chávez O, Palomares-Resendiz EG, Gutiérrez-Hernández JL, Díaz-Aparicio E, Herrera-López E. Spatial autocorrelation and co-occurrence of six serovarieties of <i>Leptospira</i> in goat herds of the State of Guanajuato, Mexico. <i>Braz J Microbiol</i> . 2021. 0. 0. 0. 0. 0-0. 10.1007/s42770-021-00429-y.
23	Gomaa N, Elemiri M, Hegazy Y, Zeineldin M, Nassif M, Alcalá-Canto Y, Barbabosa-Pliego A, Rivas-Caceres RR, Abdelmegeid M. Clinical and pathological examination of mycotoxicosis as an associated risk factor for colic in equine. <i>Microbial Pathogenesis</i> . 2021. 163. 0. 105377. 0. 105377-0. <a href="https://doi.org/10.1016/j.micpath.2021.105377">https://doi.org/10.1016/j.micpath.2021.105377</a> .
24	Gomez de Leon CT, Ostoa-Saloma P, Segovia-Mendoza M, Del Río-Araiza VH, Morales-Montor J. Environmental parasitology and its impact on the host neuroimmunoendocrine network. <i>Frontiers In Bioscience-Landmark</i> . 2021. 26. 3. 431. 3. 431-443. 10.2741/4900.

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25	Gomez-Romero N, Velazquez-Salinas L, Ridpath JF, Verdugo-Rodriguez A, Basurto-Alcantara FJ. Detection and genotyping of bovine viral diarrhoea virus found contaminating commercial veterinary vaccines, cell lines and fetal bovine serum lots originating in Mexico. <i>Archives Of Virology</i> . 2021. 166. 7. 1999. 7. 1999-2003. 10.1007/s00705-021-05089-9.
26	Gómez-Romero Ninnet, Ridpath F Julia, Verdugo-Rodríguez Antonio, Basurto-Alcántara Francisco Javier. Bovine Viral Diarrhoea Virus in Cattle From Mexico: Current Status. <i>Frontiers In Veterinary Science</i> . 2021. 8. 0. 0. 0. 0-0. 10.3389/fvets.2021.673577.
27	Gumina E, Hall JW, Vecchi B, Hernandez-Velasco X, Lumpkins B, Mathis G, Layton S. Evaluation of a subunit vaccine candidate (Biotech Vac Cox) against <i>Eimeria</i> spp in broiler chickens. <i>Evaluation of a subunit vaccine candidate (Biotech Vac Cox) against Eimeria spp in broiler chickens</i> . <i>Poultry Science</i> . 2021. 100. 9. 1. 9. 1-8. <a href="https://doi.org/10.1016/j.psj.2021.101329">https://doi.org/10.1016/j.psj.2021.101329</a> .
28	Hernández-Guzmán K, Molina-Mendoza P, Olivares-Pérez J, Alcalá-Canto Y, Olmedo-Juárez A, Córdova-Izquierdo A, Villa-Mancera A. Prevalence and seasonal variation of <i>Fasciola hepatica</i> in slaughtered cattle: the role of climate and environmental factors in Mexico. <i>Journal Of Helminthology</i> . 2021. 95. 0. 1. 0. 1-8. <a href="https://doi.org/10.1017/S0022149X21000444">https://doi.org/10.1017/S0022149X21000444</a> .
29	Hidalgo-Lara DR, De la Luz-Armendáriz J, Rivera-Benítez JF, Gomez-Núñez L, Salazar-Jiménez EN, Madrigal-Valencia TL, Ramírez-Mendoza H. Comparison of hemagglutination inhibition tests, immunoperoxidase monolayer assays, and serum neutralizing tests in detecting antibodies against blue eye disease in pigs. <i>Journal Of Immunological Methods</i> . 2021. 496. 0. 1. 0. 1-5. <a href="https://doi.org/10.1016/j.jim.2021.113088">https://doi.org/10.1016/j.jim.2021.113088</a> .
30	Jabif MF, Gumina E, Hall JW, Hernandez-Velasco X, Layton S. Evaluation of a novel mucosal administered subunit vaccine on colostrum IgA and serum IgG in sows and control of enterotoxigenic <i>Escherichia coli</i> in neonatal and weanling piglets: proof of concept. <i>Frontiers In Veterinary Science</i> . 2021. 8. 64022. 1. 64022. 1-9. <a href="https://doi.org/10.3389/fvets.2021.640228">https://doi.org/10.3389/fvets.2021.640228</a> .
31	Jacobó Carrisoza-Urbina, Mario A. Bedolla-Alva, Mireya Juárez-Ramírez, José A. Gutiérrez-Pabello. Ocular tuberculosis in a calf. <i>Bmc Veterinary Research</i> . 2021. 17. 1. 0. 1. 0-0. doi: 10.1186/s12917-021-02893-y.
32	Jazmín De la Luz-Armendáriz a, Andrés Ernesto Ducoing-Watty a, Humberto Ramírez-Mendoza b, LuisGómez-Núñezc, CatalinaTufiño-Lozac, EduardoMartín Cabrera-Domíngueza, Efrén Díaz-Aparicio c, José Francisco Rivera-Benítez c, &# 0;. Prevalence, molecular detection, and pathological characterization of small ruminant lentiviruses in goats from Mexico. <i>Small Ruminant Research</i> . 2021. 202. 10647. 1. 10647. 1-8. <a href="https://doi.org/10.1016/j.smallrumres.2021.106474">https://doi.org/10.1016/j.smallrumres.2021.106474</a> .
33	Jorge Luis Mazorra-Carrillo, Omar Antonio Alcaraz-López, Gonzalo López-Rincón, Bernardo Villarreal- Ramos, José A. Gutiérrez-Pabello and Hugo Esquivel-Solís. Host Serum Proteins as Potential Biomarkers of Bovine

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	Tuberculosis Resistance Phenotype. <i>Front. Vet. Sci.</i> 2021. 0. 0. 0. 0. 0-0. doi.org/10.3389/fvets.2021.734087.
34	José Francisco Rivera-Benítez, Jazmín De la Luz-Armendáriz, Luis Gómez-Núñez, Fernando Diosdado Vargasa, Guadalupe Socci Escatella, Elizabeth Ramírez-Medinac, dLauro Velázquez-Salinas, eHumberto Ramírez-Mendoza, bMaria Antonia Coba Ayala, Catalina Tufiño-Lozaa, bMarta Macías García, Víctor Carrera-Aguirre, Rebeca Martínez-Bautista, María José Martínez-Mercado, iGerardo Santos-López, Irma Herrera-Camacho, Ignacio Siañez-Estrada, Manuel Zapata Moren. <i>Salud porcina: historia, retos y perspectivas. Revista Mexicana De Ciencias Pecuarias.</i> 2021. 12. 0. 149. 0. 149-185. <a href="https://cienciaspecuarias.inifap.gob.mx/index.php/Pecuarias/article/view/6084/4601">https://cienciaspecuarias.inifap.gob.mx/index.php/Pecuarias/article/view/6084/4601</a> .
35	José Luis Salguero-Romero, Dora Romero Salas, Anabel Cruz-Romero, Miguel A. Alonso-Díaz, Mariel Aguilar-Domínguez, Sokani Sánchez-Montes, Miguel A. Lammoglia Villagómez, Jenny J. Chaparro-Gutiérrez, Luisa Nogueira Domínguez, Adalberto A. Pérez de León. <i>Serosurveillance and risk factors for Neospora caninum infection in water buffaloes (B. bubalis) from central and southern Mexico. Veterinary Parasitology: Regional Studies And Reports.</i> 2021. 26. 0. 1. 0. 1-5. <a href="https://doi.org/10.1016/j.vprsr.2021.100631">https://doi.org/10.1016/j.vprsr.2021.100631</a> .
36	Juan Heberth Hernandez-Medrano, Luis Fernando Espinosa-Castillo, Ana D Rodriguez, Carlos G Gutierrez, Wendela Wapenaar. <i>Use of pooled serum samples to assess herd disease status using commercially available ELISAs. Tropical Animal Health And Production.</i> 53:507. 2021. 2021. 53. 0. 507. 0. 507-0. <a href="https://doi.org/10.1007/s11250-021-02939-1">https://doi.org/10.1007/s11250-021-02939-1</a> .
37	Juárez-Estrada MA, Tellez-Isaias G, Sánchez-Godoy FD and Alonso-Morales RA. <i>Immunotherapy With Egg Yolk Eimeria sp.-Specific Immunoglobulins in SPF Leghorn Chicks Elicits Successful Protection Against Eimeria tenella Infection. Front. Vet. Sci.</i> 2021. 8. 75837. 1. 75837. 1-13. doi: 10.3389/fvets.2021.758379.
38	Juárez-Estrada, M.A.; Gayosso-Vázquez, A.; Tellez-Isaias, G.; Alonso-Morales, R.A. <i>Protective Immunity Induced by an Eimeria tenella Whole Sporozoite Vaccine Elicits Specific B-Cell Antigens. Animals.</i> 2021. 11. 1344. 1. 1344. 1-14. <a href="https://doi.org/10.3390/ani11051344">https://doi.org/10.3390/ani11051344</a> .
39	León-Lara X., Atoche C., Arenas R., Martínez-Hernández F., Martínez-Chavarría LC., Xicohtencatl-Cortes J., Vázquez-Aceituno VA., Hernández-Castro R. <i>Cyphellophora laciniata: A new etiological agent of chromoblastomycosis. J Med Mycol.</i> 2021. 32. 1. 0. 1. 0-0. doi: 10.1016/j.mycmed.2021.101204.
40	López-Pérez, A.M., Chaves, S. Sánchez-Montes, G. Suzán, P. Foley, J. Barrón-Rodríguez, I. Becker. <i>Diversity of rickettsiae in domestic, synanthropic, and sylvatic mammals and their ectoparasites in a spotted fever-epidemic region at the western US-Mexico border. Transboundary And Emerging Diseases.</i> 2021. 0. 0. 1. 0. 1-14. doi:10.1111/tbed.14027.

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41	Lourdes M. Galindo-Castañeda, Romel Chacón-Salina, Victor Quintero, José I. Sánchez-Betancourt, Laura Cobos-Marín. Vaccination of nulliparous gilts against porcine epidemic diarrhoea can result in low neutralising antibody titres and high litter mortality. <i>Austral J. Vet.</i> 2021. 53. 3. 147-152. <a href="https://doi.org/10.4067/S0719-81322021000300147">10.4067/S0719-81322021000300147</a> .
42	María del Socorro Ruiz Palma, Eric Daniel Avila Calderón, Ma. Guadalupe Aguilera Arreola, Ahidé López Merino, Enrico A. Ruiz, María del Rosario Morales García, Edgar Oliver López Villegas, Zulema Gomez Lunar, Beatriz Arellano Reynoso, Araceli Contreras Rodríguez. Comparative proteomic analysis of outer membrane vesicles from <i>Brucella suis</i> , <i>Brucella ovis</i> , <i>Brucella canis</i> and <i>Brucella neotomae</i> . <i>Archives Of Microbiology</i> . 2021. 0. 0. 0. 0. 0-0. <a href="https://doi.org/10.1007/s00203-020-02170-w">https://doi.org/10.1007/s00203-020-02170-w</a> . ISSN:1432-072X.
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44	Mendoza C. Suzo-Orduño I. Parra-Olea G. Suzan. Effect of temperature on subclinical infection by <i>Batrachochytrium dendrobatidis</i> in three species of plathodontid salamanders. <i>Amphibia-Reptill.</i> 2021. 42. 0. 225-261. DOI: <a href="https://doi.org/10.1163/15685381-bja10042">10.1163/15685381-bja10042</a> .
45	Miguel Ángel Alonso-Díaz, Agustín Fernández-Salas. Entomopathogenic fungi for tick control in cattle livestock from Mexico. <i>Frontiers In Fungal Biology</i> . 2021. 2. 1. 1-18. <a href="https://doi.org/10.3389/ffunb.2021.657694">https://doi.org/10.3389/ffunb.2021.657694</a> .
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47	Montserrat-Elemi García-Hernández, María-Elena Trujillo-Ortega, Sofía-Lizbeth Alcaraz-Estrada, Luis Lozano-Aguirre-Beltrán, Carlos Sandoval-Jaime, Blanca Itzel Taboada-Ramírez and Rosa-Elena Sarmiento-Silva. Detection and Characterization of Porcine Epidemic Diarrhea Virus and Porcine Aichivirus C Coinfection in México. <i>Viruses</i> . 2021. 13. 5. 1-12. <i>Viruses</i> 2021, 13(5), 738; <a href="https://doi.org/10.3390/v13050738">https://doi.org/10.3390/v13050738</a> - 23 Apr 2021.
48	Muñoz AI, Vallejo-Castillo L, Fragozo A, Vázquez-Leyva S, Pavón L, Pérez-Sánchez G, Soria-Castro R, Mellado-Sánchez G, Cobos-Marín L, Pérez-Tapia SM. Increased survival in puppies affected by Canine Parvovirus type II using an immunomodulator as a therapeutic aid. <i>Sci Rep.</i> 2021. 11. 1. 1-13. doi: <a href="https://doi.org/10.1038/s41598-021-99357">10.1038/s41598-021-99357</a> .

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49	Nancy Mendoza-Martínez, Miguel Angel Alonso-Díaz, Octavio Merino, Agustín Fernández-Salas, Rodolfo Lagunes-Quintanilla. Protective efficacy of the peptide Subolesin antigen against the cattle tick <i>Rhipicephalus microplus</i> under natural infestation. <i>Veterinary Parasitology</i> . 2021. 299. 1. 1. 1-9. <a href="https://doi.org/10.1016/j.vetpar.2021.109577">https://doi.org/10.1016/j.vetpar.2021.109577</a> .
50	Nieto-Rabiela, F., O. Rico-Chávez, G. Suzán, y C.R. Stephens. Niche theory based modeling of assembly processes of viral communities in bats. <i>Ecology And Evolution</i> . 2021. 0. 0. 1. 0. 0-0. <a href="https://doi.org/10.1002/ece3.7482">10.1002/ece3.7482</a> .
51	Ojeda-Flores, R., P. Martínez-Duque, O.Rico, E. Corona-Barrera, R. Alonso Morales, y G.Suzan. Original Research A transdisciplinary approach to disease ecology: Emerging coronaviruses. <i>Veterinaria Mexico OA</i> . 2021. 8. 1. 1. 1-25. DOI: <a href="http://dx.doi.org/10.22201/fmvz.24486760e.2021.1.960">http://dx.doi.org/10.22201/fmvz.24486760e.2021.1.960</a> .
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### Línea 7. Salud Pública y Epidemiología

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