

2019-2020 Refereed Publications / Articles publiés avec comité de lecture

Aenishaenslin, C., Brunet, P., Lévesque, F., Gouin, G.G., Simon, A., Saint-Charles, J., Leighton, P., Bastian, S., Ravel, A. 2019. Understanding the connections between dogs, health and Inuit through a mixed-methods study. *EcoHealth*, v. 16, no. 1, Mar. 2019, p. 151-160. doi:10.1007/s10393-018-1386-6.

Agbazo, M.N., Grenier, P. 2019. Characterizing and avoiding physical inconsistency generated by the application of univariate quantile mapping on daily minimum and maximum temperatures over Hudson Bay. *International journal of climatology*, v. 40, no. 8, 2019, p. 3868-3884, ill., maps. doi:10.1002/joc.6432.

Ahmed, M., Else, B.G.T. 2019. The ocean CO₂ sink in the Canadian Arctic Archipelago : a present-day budget and past trends due to climate change. *Geophysical research letters*, v. 46, no. 16, 28 Aug. 2019, p. 9777-9785, ill., maps. doi:10.1029/2019GL083547.

Ahmed, M., Else, B.G.T., Burgers, T.M., Papakyriakou, T. 2019. Variability of surface water pCO₂ in the Canadian Arctic Archipelago from 2010 to 2016. *Journal of geophysical research. Oceans*, v. 124, no. 3, 2019, p. 1876-1896, ill., maps. doi:10.1029/2018JC014639.

Amiriaux, R., Smik, L., Köseoglu, D., Rontani, J.-F., Galindo, V., Grondin, P.-L., Babin, M., Belt, S.T. 2019. Temporal evolution of IP25 and other highly branched isoprenoid lipids in sea ice and the underlying water column during an Arctic melting season. *Elementa : science of the anthropocene*, v. 7, article 38, 2019, 23 p., ill., maps. doi:10.1525/elementa.377.

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Bachand, N., Ravel, A., Leighton, P., Stephen, C., Ndao, M., Avard, E., Jenkins, E. 2019. Serological and molecular detection of *Toxoplasma gondii* in terrestrial and marine wildlife harvested for food in Nunavik, Canada. *Parasites & vectors*, v. 12, article 155, 2019, 10 p. doi:10.1186/s13071-019-3408-9.

Baron, M., Riva, M., Fletcher, C. 2019. The social determinants of healthy ageing in the Canadian Arctic. *International journal of circumpolar health*, v. 78, no. 1, 1630234, 2019, 11 p. doi:10.1080/22423982.2019.1630234.

Bechshoft, T., Dyck, M., St. Pierre, K.A., Derocher, A.E., St. Louis, V. 2019. The use of hair as a proxy for total and methylmercury burdens in polar bear muscle tissue. *Science of the total environment*, v. 686, 2019, p. 1120-1128, ill., maps. doi:10.1016/j.scitotenv.2019.06.087.

Berge, J., Geoffroy, M., Daase, M., Cottier, F., Priou, P., Cohen, J.H., Johnsen, G., McKee, D., Kostakis, I., Renaud, P.E., Vogedes, D., Anderson, P., Last, K.S., Gauthier, S. 2020. Artificial light during the polar night disrupts Arctic fish and zooplankton behaviour down to 200 m depth. *Communications biology*, v. 3, article 201, 2020, 8 p., ill., map. doi:10.1038/s42003-020-0807-6.

Biddlecombe, B.A., Derocher, A.E., Richardson, E.S., Stirling, I. 2019. Behaviour and characteristics of mating polar bears (*Ursus maritimus*) in the Beaufort Sea, Canada. *Polar biology*, v. 42, no. 5, May 2019, p. 919-929, ill., maps. doi:10.1007/s00300-019-02485-5.

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Caron, M., Montero-Serrano, J.-C., St-Onge, G., Rochon, A. 2020. Quantifying provenance and transport pathways of holocene sediments from the northwestern Greenland margin. *Paleoceanography and paleoclimatology : an AGU journal exploring earth's paleoclimate*, v. 35, no. 5, May 2020, 23 p., ill., maps. doi:10.1029/2019PA003809.

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Collins, M.J., Ma, M., Daboor, M. 2019. On the effect of polarization and incidence angle on the estimation of significant wave height from SAR data. *IEEE transactions on geoscience and remote sensing*, v. 57, no. 7, Jul. 2019, p. 4529-4543, ill. doi:10.1109/TGRS.2019.2891426.

Comeau, A.M., Lagunas, M.G., Scarcella, K., Varela, D.E., Lovejoy, C. 2019. Nitrate consumers in Arctic marine eukaryotic communities : comparative diversities of 18S rRNA, 18S rRNA genes, and nitrate reductase genes. *Applied and environmental microbiology*, v. 85, no. 14, Jul. 2019, 17 p., ill., map. doi:10.1128/AEM.00247-19.

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