

2020-2021 Refereed Publications / Articles publiés avec comité de lecture

Ahmed, R., Prowse, T., Dibike, Y., Bonsal, B. 2020. Effects of climatic drivers and teleconnections on late 20th Century trends in spring freshet of four major Arctic-draining rivers. *Water*, v. 13, no. 2, Jan. 2021, 30 p., ill., maps. doi:10.3390/w13020179.

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Amiriaux, R., Archambault, P., Moriceau, B., Lemire, M., Babin, M., Memery, L., Massé, G., Tremblay, J.-É. 2021. Efficiency of sympagic-benthic coupling revealed by analyses of n-3 fatty acids, IP25 and other highly branched isoprenoids in two filter-feeding Arctic benthic molluscs : *Mya truncata* and *Serripes groenlandicus*. *Organic geochemistry*, v. 151, article 104160, Jan. 2021, 14 p., ill., maps. doi:10.1016/j.orggeochem.2020.104160.

Anderson, C.M., Gilchrist, H.G., Ronconi, R.A., Shlepr, K.R., Clark, D.E., Fifield, D.A., Robertson, G.J., Mallory, M.L. 2020. Both short and long distance migrants use energy-minimizing migration strategies in North American herring gulls. *Movement ecology*, v. 8, no. 26, Jun. 2020, 12 p., ill., maps. doi:10.1186/s40462-020-00207-9.

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Ardyna, M., Mundy, C.J., Mills, M.M., Oziel, L., Grondin, P.-L., Lacour, L., Verin, G., Van Dijken, G., Ras, J., Alou-Font, E., Babin, M., Gosselin, M., Tremblay, J.-É., Raimbault, P., Assmy, P., Nicolaus, M., Claustre, H., Arrigo, K.R. 2020. Environmental drivers of under-ice phytoplankton bloom dynamics in the Arctic Ocean. *Elementa : science of the anthropocene*, v. 8, no. 30, 2020, 21 p., ill., maps. doi:10.1525/elementa.430.

Athey, S.N., Adams, J.K., Erdle, L.M., Jantunen, L.M., Helm, P.A., Finkelstein, S.A., Diamond, M.L. 2020. The widespread environmental footprint of indigo denim microfibers from blue jeans. *Environmental science & technology*, v. 7, no. 11, 2020, p. 840-847, ill., maps. doi:10.1021/acs.estlett.0c00498.

Atkinson, D.M., Hung, J.K.Y., Gregory, F.M., Scott, N.A., Treitz, P.M. 2020. High spatial resolution remote sensing models for landscape-scale CO₂ exchange in the Canadian Arctic. *Arctic, Antarctic, and alpine research*, v. 52, no. 1, 2020, p. 248-263, ill., maps. doi:10.1080/15230430.2020.1750805.

Barkley, A.N., Broell, F., Pettitt-Wade, H., Watanabe, Y.Y., Marcoux, M., Hussey, N.E. 2020. A framework to estimate the likelihood of species interactions and behavioural responses using animal-borne acoustic telemetry transceivers and accelerometers. *Journal of animal ecology*, v. 89, no. 1, Jan. 2020, p. 146-160, ill., maps. doi:10.1111/1365-2656.13156.

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Baron, B., Riva, M., Fletcher, C., Lynch, M., Lyonnais, M.-C., Laouan Sidi, E.A. 2021.

Conceptualisation and operationalisation of a holistic indicator of health for older Inuit : results of a sequential mixed-methods project. *Social indicators research*, Jan. 2021, 26 p., ill. doi:10.1007/s11205-020-02592-5.

Baron, M., Fletcher, C., Riva, M. 2020. Aging, health and place from the perspective of elders in an Inuit community. *Journal of cross-cultural gerontology*, v. 35, May 2020, p. 133–153, map. doi:10.1007/s10823-020-09398-5.

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Buchwal, A., Sullivan, P.F., Macias-Fauria, M., Post, E., Myers-Smith, I.H., Stroeve, J.C., Blok, D., Tape, K.D., Forbes, B.C., Ropars, P., Lévesque, E., Elberling, B., Angers-Blondin, S., Boyle, J.S., Boudreau, S., Boulanger-Lapointe, N., Gamm, C., Hallinger, M., Rachlewicz, G., Young, A., Zetterberg, P., Welker, J.M. 2020. Divergence of Arctic shrub growth associated with sea ice decline. *Proceedings of the National Academy of Sciences of the United States of America*, v. 117, no. 52, 2020, p. 33334–33344, ill., map. doi:10.1073/pnas.2013311117.

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Burot, C., Amiraux, R., Bonin, P., Guasco, S., Babin, M., Joux, F., Marie, D., Vilgrain, L., Heipieper, H.J., Rontani, J.-F. 2021. Viability and stress state of bacteria associated with primary production or zooplankton-derived suspended particulate matter in summer along a transect in Baffin Bay (Arctic Ocean). *Science of the total environment*, v. 770, article 145252, May 2021, 13 p., ill., maps. doi:10.1016/j.scitotenv.2021.145252.

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