

## Journal publications

92. Lee, T., and Yang, T., 2023, "Control of aerodynamic loading of a tiltwing with distributed electric propulsion," *ASME Journal of Fluids Engineering* (paper under review).
91. Ni, J., and Lee, T., "The behavior of the surface pressure distribution on a tilting DEP wing with different advance ratios," *Experiments in Fluids* (paper under review).
90. Lee, T., Ni, J., and Lin, G., 2023, "Aerodynamics and flowfield of DEP wing during transition with trailing-edge flap," *ASME Journal of Fluids Engineering*; <https://doi.org/10.1115/1.4063934>.
89. Lin, G., Ni, J., and Lee, T., 2023, "Effect of tip-mounted propeller and trailing-edge flap on wing aerodynamics and vortical wake," *ASME Journal of Fluids Engineering*, Vol. 146, pp. 1-11.
88. Lin, G., and Lee, T., 2023, "Lift and tip vortices generated by tapered backward and forward swept wings under stationary ground proximity," *Journal of Aerospace Engineering*. Doi:10.1061/JAEEZ/ASENG-5054.
87. Lin, G., and Lee, T., 2023, "Lift computation through crossflow measurement behind a rectangular semi-wing in ground effect," *ASME Journal of Fluids Engineering*, Vol. 145, pp. 1-8.
86. Lee, T., and Lin, G., 2022, "Review of experimental investigation of wings in ground effect at low Reynolds numbers," *Frontiers in Aerospace Engineering*, November, pp.1-25.
85. Tremblay-Dionne, V., and Lee, T., 2022, "Ground effect on lift and flowfield of an airfoil undergoing vertical heaving motion," *Journal of Aerospace Engineering* (paper under review).
84. Lu, A., and Lee, T., 2021, "Discrepancy in near-field wingtip vortex and lift-induced drag caused by ground boundary conditions," *ASME Journal of Fluids Engineering*, March, Vol. 143, 031301-1 to 12.
83. Tremblay-Dionne, V., and Lee, T., 2021, "Discrepancy in the aerodynamics and flowfield of a symmetric airfoil produced by the stationary and moving ground effect," *ASME Journal of Fluids Engineering*, Vol. 143, 0213131301-1 to 10.
82. Ko, L.S., and Lee, T., 2020, "The aerodynamics and vortex flow of an inverted delta wing in ground effect," *Journal of Aerospace Engineering*, Vol. 33, Issue 5, pp. 1-8.
81. Lu, A., and Lee, T., 2020, "Passive wingtip vortex control by using small tip-mounted half delta wings in ground effect," *ASME Journal of Fluids Engineering*, Vol. 142, Issue 2, pp. 021201-13.
80. Lu, A., Tremblay-Dionne, V., and Lee, T., 2019, "Experimental study of aerodynamics and wingtip vortex of a rectangular wing in ground effect," *ASME Journal of Fluids Engineering*, Vol. 141, pp. 1-11.

79. Lee, T., Tremblay-Dionne, V., and Ko, L.S., 2019, "Ground effect on a slender reverse delta wing with anhedral," *Journal of Aerospace Engineering*, Vol. 233, Issue 4, pp. 1516-1525.
78. Tremblay-Dionne V., and Lee, T., 2019, "Effect of wavelength and amplitude of a wavy ground on a static symmetric airfoil," *Journal of Aerospace Engineering*, Vol. 32, Issue 5, pp. 1-8.
77. Lee, T., Huitema, D., and Leite, P., 2019, "Ground effect on a cropped reverse delta wing equipped with Gurney flaplike side-edge strips and anhedral," *Journal of Aerospace Engineering*, Vol. 233, Issue 7, pp. 2433-2444.
76. Tremblay-Dionne, V., and Lee, T., 2018, "Effect of trailing-edge flap deflection on a symmetric airfoil over a wavy ground," *ASME Journal of Fluids Engineering*, Vol. 141, pp. 064501-1 to 4.
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