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- [Dynamics and Control](#)
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Recent publications

- Wood, KT, Araujo-Estrada, S, Richardson, T & Windsor, S, 2019, '[Distributed pressure sensing-based flight control for small fixed-wing unmanned aerial systems](#)'. *Journal of Aircraft*, vol 56., pp. 1951-1960
- Guerra-Langan, A, Araujo-Estrada, S & Windsor, SP, 2019, '[UAV control costs mirror bird behaviour when soaring close to buildings](#)'.
- Araujo-Estrada, S & Windsor, S, 2019, '[Aerodynamic Variables and Loads Estimation Using Bio-Inspired Distributed Sensing](#)'. in: *AIAA Scitech 2019 Forum*. American Institute of Aeronautics and Astronautics Inc. (AIAA)
- Wood, K, Araujo-Estrada, S, Richardson, T & Windsor, S, 2019, '[Distributed Pressure Sensing-Based Flight Control for Small Fixed-Wing Unmanned Aerial Systems](#)'. *Journal of Aircraft*.
- Gong, Z, Araujo-Estrada, S, Lowenberg, M, Neild, S & Goman, M, 2019, '[Experimental Investigation of Aerodynamic Hysteresis Using a Five-Degree-of-Freedom Wind-Tunnel Maneuver Rig](#)'. *Journal of Aircraft*, vol 56., pp. 1029-1040
- Araujo-Estrada, SA, Salama, F, Greatwood, C, Wood, K, Richardson, T & Windsor, SP, 2017, '[Bio-inspired distributed strain and airflow sensing for small unmanned air vehicle flight control](#)'. in: *AIAA Guidance, Navigation, and Control Conference, 2017*. American Institute of Aeronautics and Astronautics Inc. (AIAA)
- Windsor, S, Araujo-Estrada, S, Salama, FR, Greatwood, C, Wood, K & Richardson, T, 2017, '[Bio-inspired Distributed Strain and Airflow Sensing for Small Unmanned Air Vehicle Flight Control](#)'. in: *AIAA Guidance, Navigation, and Control Conference*. American Institute of Aeronautics and Astronautics Inc. (AIAA)
- Araujo-Estrada, S, Gong, Z, Lowenberg, M, Neild, S & Goman, M, 2016, '[Wind tunnel manoeuvre rig: a multi-DOF test platform for model aircraft](#)'. in: *54th AIAA Aerospace Sciences Meeting*. American Institute of Aeronautics and Astronautics Inc. (AIAA)

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