

# Stuart G Bradley

## List of Publications by Year in descending order

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papers

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citations

1306789

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h-index

996533

15  
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all docs

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docs citations

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times ranked

327  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Occluded Grape Cluster Detection and Vine Canopy Visualisation Using an Ultrasonic Phased Array. Sensors, 2021, 21, 2182.                                | 2.1 | 7         |
| 2  | Measurement of stiffness of standing trees and felled logs using acoustics: A review. Journal of the Acoustical Society of America, 2016, 139, 588-604.  | 0.5 | 61        |
| 3  | Evaluation of a Spray Scheduling System**Funded by MBIE Multipurpose Orchard Robotics contract UOAX1414.. IFAC-PapersOnLine, 2016, 49, 226-230.          | 0.5 | 2         |
| 4  | An Analytic Model for the Success Rate of a Robotic Actuator System in Hitting Random Targets. Sensors, 2015, 15, 29346-29362.                           | 2.1 | 1         |
| 5  | Corrections to sodar Doppler winds due to wind drift. Meteorologische Zeitschrift, 2015, 24, 605-614.  | 0.5 | 1         |
| 6  | ISARS 2014 special issue. Meteorologische Zeitschrift, 2015, 24, 545-546.  | 0.5 | 0         |
| 7  | A sodar for profiling in a spatially inhomogeneous urban environment. Meteorologische Zeitschrift, 2015, 24, 615-624.                                    | 0.5 | 4         |
| 8  | Scale Model Evaluation and Optimization of Sodar Acoustic Baffles. Journal of Atmospheric and Oceanic Technology, 2015, 32, 507-517.                     | 0.5 | 1         |
| 9  | Remote sensing winds in complex terrain“ a review. Meteorologische Zeitschrift, 2015, 24, 547-555.   | 0.5 | 28        |
| 10 | Automatic 3D scanning surface generation for microphone array acoustic imaging. Applied Acoustics, 2014, 76, 230-237.                                    | 1.7 | 23        |
| 11 | A Combined Microphone and Camera Calibration Technique With Application to Acoustic Imaging. IEEE Transactions on Image Processing, 2013, 22, 4028-4039. | 6.0 | 14        |
| 12 | Beam Geometry Calibration of Sodars without Use of a Mast. Journal of Atmospheric and Oceanic Technology, 2013, 30, 2161-2167.                           | 0.5 | 1         |
| 13 | Aspects of the Correlation between Sodar and Mast Instrument Winds. Journal of Atmospheric and Oceanic Technology, 2013, 30, 2241-2247.                  | 0.5 | 8         |
| 14 | A Simple Model for Correcting Sodar and Lidar Errors in Complex Terrain. Journal of Atmospheric and Oceanic Technology, 2012, 29, 1717-1722.             | 0.5 | 6         |
| 15 | A Bistatic Sodar for Precision Wind Profiling in Complex Terrain. Journal of Atmospheric and Oceanic Technology, 2012, 29, 1052-1061.                    | 0.5 | 9         |
| 16 | Corrections for Wind-Speed Errors from Sodar and Lidar in Complex Terrain. Boundary-Layer Meteorology, 2012, 143, 37-48.                                 | 1.2 | 29        |
| 17 | Snodar: 2009 performance at Dome A, Antarctica. Proceedings of SPIE, 2010, , .   | 0.8 | 0         |
| 18 | A Multisodar Approach to Wind Profiling. Journal of Atmospheric and Oceanic Technology, 2010, 27, 1165-1174.   | 0.5 | 4         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Snodar: a new instrument to measure the height of the boundary layer on the Antarctic plateau. , 2008, , .  |      | 12        |
| 20 | Sodar Measurements of Wing Vortex Strength and Position. Journal of Atmospheric and Oceanic Technology, 2007, 24, 141-155.  | 0.5  | 9         |
| 21 | Use of an Ultrasonic Sodar to Sense Raindrop Size Distributions. Journal of Atmospheric and Oceanic Technology, 2002, 19, 1203-1207.  | 0.5  | 3         |
| 22 | Preliminary measurements of raindrop chemistry using an improved raindrop chemistry spectrometer. New Zealand Journal of Geology, and Geophysics, 1991, 34, 555-558.        | 1.0  | 0         |
| 23 | A Preliminary Investigation of Orographic Rainfall Enhancement over Low Hills near Auckland New Zealand. Journal of the Meteorological Society of Japan, 1991, 69, 489-495. | 0.7  | 5         |
| 24 | An Improved Raindrop Chemistry Spectrometer. Journal of Atmospheric and Oceanic Technology, 1991, 8, 523-530.   | 0.5  | 1         |
| 25 | Measurements of pH versus drop size in natural rain. Nature, 1986, 321, 842-844.  | 13.7 | 7         |