

Stuart G Bradley

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

275
citations

1307366

7
h-index

996849

15
g-index

26
all docs

26
docs citations

26
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Corrections for Wind-Speed Errors from Sodar and Lidar in Complex Terrain. Boundary-Layer Meteorology, 2012, 143, 37-48.	1.2	29
3	Remote sensing winds in complex terrain“ a review. Meteorologische Zeitschrift, 2015, 24, 547-555.	0.5	28
4	Automatic 3D scanning surface generation for microphone array acoustic imaging. Applied Acoustics, 2014, 76, 230-237.	1.7	23
5	A Combined Microphone and Camera Calibration Technique With Application to Acoustic Imaging. IEEE Transactions on Image Processing, 2013, 22, 4028-4039.	6.0	14
6	Snodar: a new instrument to measure the height of the boundary layer on the Antarctic plateau. , 2008, , .		12
7	Sodar Measurements of Wing Vortex Strength and Position. Journal of Atmospheric and Oceanic Technology, 2007, 24, 141-155.	0.5	9
8	A Bistatic Sodar for Precision Wind Profiling in Complex Terrain. Journal of Atmospheric and Oceanic Technology, 2012, 29, 1052-1061.	0.5	9
9	Aspects of the Correlation between Sodar and Mast Instrument Winds. Journal of Atmospheric and Oceanic Technology, 2013, 30, 2241-2247.	0.5	8
10	Measurements of pH versus drop size in natural rain. Nature, 1986, 321, 842-844.	13.7	7
11	Occluded Grape Cluster Detection and Vine Canopy Visualisation Using an Ultrasonic Phased Array. Sensors, 2021, 21, 2182.	2.1	7
12	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
13	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
14	A Multisodar Approach to Wind Profiling. Journal of Atmospheric and Oceanic Technology, 2010, 27, 1165-1174.	0.5	4
15	A sodar for profiling in a spatially inhomogeneous urban environment. Meteorologische Zeitschrift, 2015, 24, 615-624.	0.5	4
16	Use of an Ultrasonic Sodar to Sense Raindrop Size Distributions. Journal of Atmospheric and Oceanic Technology, 2002, 19, 1203-1207.	0.5	3
17	Evaluation of a Spray Scheduling System**Funded by MBIE Multipurpose Orchard Robotics contract UOAX1414.. IFAC-PapersOnLine, 2016, 49, 226-230.	0.5	2
18	An Improved Raindrop Chemistry Spectrometer. Journal of Atmospheric and Oceanic Technology, 1991, 8, 523-530.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Beam Geometry Calibration of Sodars without Use of a Mast. Journal of Atmospheric and Oceanic Technology, 2013, 30, 2161-2167.	0.5	1
20	An Analytic Model for the Success Rate of a Robotic Actuator System in Hitting Random Targets. Sensors, 2015, 15, 29346-29362.	2.1	1
21	Corrections to sodar Doppler winds due to wind drift. Meteorologische Zeitschrift, 2015, 24, 605-614.	0.5	1
22	Scale Model Evaluation and Optimization of Sodar Acoustic Baffles. Journal of Atmospheric and Oceanic Technology, 2015, 32, 507-517.	0.5	1
23	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
24	Snodar: 2009 performance at Dome A, Antarctica. Proceedings of SPIE, 2010, , .	0.8	0
25	ISARS 2014 special issue. Meteorologische Zeitschrift, 2015, 24, 545-546.	0.5	0