

Patrick Sergej Vrancken

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8313092/publications.pdf>

Version: 2024-02-01

12
papers

139
citations

1684188

5
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	TIME TRANSFER BY LASER LINK “ THE T2L2 EXPERIMENT ON JASON-2 AND FURTHER EXPERIMENTS. International Journal of Modern Physics D, 2008, 17, 1043-1054.	2.1	36
2	Airborne forward-pointing UV Rayleigh lidar for remote clear air turbulence detection: system design and performance. Applied Optics, 2016, 55, 9314.	2.1	32
3	Design of a monolithic Michelson interferometer for fringe imaging in a near-field, UV, direct-detection Doppler wind lidar. Applied Optics, 2016, 55, 6910.	2.1	24
4	Airborne Remote Detection of Turbulence with Forward-Pointing LIDAR. , 2016, , 443-464.		10
5	ASTROD and ASTROD I: Progress Report. Journal of Physics: Conference Series, 2006, 32, 154-160.	0.4	9
6	Aeronautics Application of Direct-Detection Doppler Wind Lidar: An Adapted Design Based on a Fringe-Imaging Michelson Interferometer as Spectral Analyzer. Remote Sensing, 2022, 14, 3356.	4.0	7
7	Flight Tests of the DELICAT Airborne LIDAR System for Remote Clear Air Turbulence Detection. EPJ Web of Conferences, 2016, 119, 14003.	0.3	5
8	Gust Load Control Design Challenge Including Lidar Wind Measurements and Based on the Common Research Model. , 2022, , .		5
9	Prospective Performance Budget of the T2L2 Experiment. Frequency Control Symposium and Exhibition, Proceedings of the IEEE International, 2007, , .	0.0	4
10	Design and test of the time transfer by laser link (T2L2) optical subsystem. , 2008, , .		3
11	Development and Test of a Fringe-Imaging Direct-Detection Doppler Wind Lidar for Aeronautics. EPJ Web of Conferences, 2020, 237, 07008.	0.3	3
12	T2L2 Flight Model Metrological Performances. Frequency Control Symposium and Exhibition, Proceedings of the IEEE International, 2007, , .	0.0	1