

Graham Wild

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,128
citations

623734

14
h-index

414414

32
g-index

63
all docs

63
docs citations

63
times ranked

1058
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Acousto-Ultrasonic Optical Fiber Sensors: Overview and State-of-the-Art. IEEE Sensors Journal, 2008, 8, 1184-1193. | 4.7 | 284 |
| 2 | Optical Fiber Sensors in Physical Intrusion Detection Systems: A Review. IEEE Sensors Journal, 2016, 16, 5497-5509. | 4.7 | 113 |
| 3 | Exploring Civil Drone Accidents and Incidents to Help Prevent Potential Air Disasters. Aerospace, 2016, 3, 22. | 2.2 | 104 |
| 4 | A review of human factors causations in commercial air transport accidents and incidents: From 2000 to 2016. Progress in Aerospace Sciences, 2018, 99, 1-13. | 12.1 | 83 |
| 5 | Measuring wind with Small Unmanned Aircraft Systems. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 176, 197-210. | 3.9 | 60 |
| 6 | Fiber Bragg Grating Sensors for Mainstream Industrial Processes. Electronics (Switzerland), 2017, 6, 92. | 3.1 | 47 |
| 7 | A highly sensitive fiber Bragg grating diaphragm pressure transducer. Optical Fiber Technology, 2015, 25, 25-32. | 2.7 | 44 |
| 8 | A Post-Accident Analysis of Civil Remotely-Piloted Aircraft System Accidents and Incidents. Journal of Aerospace Technology and Management, 2017, 9, 157-168. | 0.3 | 32 |
| 9 | Hybrid Propulsion Systems for Remotely Piloted Aircraft Systems. Aerospace, 2018, 5, 34. | 2.2 | 25 |
| 10 | AN ADAPTIVE NEURO-FUZZY INFERENCE SYSTEM FOR FORECASTING AUSTRALIA'S DOMESTIC LOW COST CARRIER PASSENGER DEMAND. Aviation, 2015, 19, 150-163. | 0.9 | 23 |
| 11 | FORECASTING DEMAND FOR LOW COST CARRIERS IN AUSTRALIA USING AN ARTIFICIAL NEURAL NETWORK APPROACH. Aviation, 2015, 19, 90-103. | 0.9 | 23 |
| 12 | An Assessment of Airport Sustainability, Part 2 – Energy Management at Copenhagen Airport. Resources, 2018, 7, 32. | 3.5 | 22 |
| 13 | Sustainable Airport Waste Management: The Case of Kansai International Airport. Recycling, 2018, 3, 6. | 5.0 | 20 |
| 14 | The Regulatory Framework for Safety Management Systems in Airworthiness Organisations. Aerospace, 2018, 5, 117. | 2.2 | 15 |
| 15 | An Assessment of Airport Sustainability: Part 3 – Water Management at Copenhagen Airport. Resources, 2019, 8, 135. | 3.5 | 14 |
| 16 | THE EVOLUTION OF LOW COST CARRIERS IN AUSTRALIA. Aviation, 2014, 18, 203-216. | 0.9 | 12 |
| 17 | A transmit reflect detection system for fiber Bragg grating photonic sensors. , 2007, 6801, 98. | | 11 |
| 18 | A Preliminary Investigation of Maintenance Contributions to Commercial Air Transport Accidents. Aerospace, 2020, 7, 129. | 2.2 | 11 |

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|----|--|-----|-----------|
| 19 | Spatial Performance of Acousto-Ultrasonic Fiber Bragg Grating Sensor. IEEE Sensors Journal, 2010, 10, 805-806. | 4.7 | 10 |
| 20 | Optical Fiber Bragg grating based intrusion detection systems for homeland security. , 2013, , . | | 10 |
| 21 | An Assessment of Airport Sustainability, Part 1â€™Waste Management at Copenhagen Airport. Resources, 2018, 7, 21. | 3.5 | 10 |
| 22 | A Fibre Bragg Grating Sensor as a Receiver for Acoustic Communications Signals. Sensors, 2011, 11, 455-471. | 3.8 | 9 |
| 23 | Optical fiber bragg grating sensors applied to gas turbine engine instrumentation and monitoring. , 2013, , . | | 9 |
| 24 | Investigating the practicality of hazardous material detection using Unmanned Aerial Systems. , 2014, , . | | 9 |
| 25 | Using an artificial neural network approach to forecast Australia's domestic passenger air travel demand. World Review of Intermodal Transportation Research, 2015, 5, 281. | 0.4 | 9 |
| 26 | A Forecasting Tool for Predicting Australiaâ€™s Domestic Airline Passenger Demand Using a Genetic Algorithm. Journal of Aerospace Technology and Management, 2015, 7, 476-489. | 0.3 | 9 |
| 27 | An Assessment of Sustainable Airport Water Management: The Case of Osakaâ€™s Kansai International Airport. Infrastructures, 2018, 3, 54. | 2.8 | 8 |
| 28 | Visual Flight into Instrument Meteorological Condition: A Post Accident Analysis. Safety, 2020, 6, 19. | 1.7 | 8 |
| 29 | Numerical modeling of intensity-based optical fiber Bragg grating sensor interrogation systems. Optical Engineering, 2013, 52, 1. | 1.0 | 7 |
| 30 | SUSTAINABLE WATER MANAGEMENT AT MAJOR AUSTRALIAN REGIONAL AIRPORTS: THE CASE OF MILDURA AIRPORT. Aviation, 2015, 19, 83-89. | 0.9 | 7 |
| 31 | Fire Resistant Aircraft Unit Load Devices and Fire Containment Covers: A New Development in the Global Air Cargo Industry. Journal of Aerospace Technology and Management, 2014, 6, 202-209. | 0.3 | 6 |
| 32 | Development of a Turbo Electric Distribution System for Remotely Piloted Aircraft Systems. Journal of Aerospace Technology and Management, 0, 13, . | 0.3 | 6 |
| 33 | Modeling of low coherence interferometry using broadband multi-Gaussian light sources. Photonic Sensors, 2012, 2, 247-258. | 5.0 | 5 |
| 34 | Universal Signal Conditioning Technique for Fiber Bragg Grating Sensors in PLC and SCADA Applications. Instruments, 2017, 1, 7. | 1.8 | 5 |
| 35 | Airport Related Emissions and their Impact on Air Quality at a Major Japanese Airport: The Case of Kansai International Airport. Transport and Telecommunication, 2020, 21, 95-109. | 1.0 | 5 |
| 36 | A micro-photonic stationary Optical Delay Line for fibre optic time domain OCT. , 2008, , . | | 4 |

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|----|---|-----|-----------|
| 37 | An Intensiometric Detection System for Fibre Bragg Grating sensors. , 2008, , . | | 4 |
| 38 | Distributed sensing, communications, and power in optical Fibre Smart Sensor networks for structural health monitoring. , 2010, , . | | 4 |
| 39 | Analytical modeling of power detection-based interrogation methods for fiber Bragg grating sensors for system optimization. Optical Engineering, 2015, 54, 097109. | 1.0 | 4 |
| 40 | UNDERSTANDING BOX WING AIRCRAFT: ESSENTIAL TECHNOLOGY TO IMPROVE SUSTAINABILITY IN THE AVIATION INDUSTRY. Aviation, 2016, 20, 129-136. | 0.9 | 4 |
| 41 | Simulation of optical delay lines for Optical Coherence Tomography. , 2011, , . | | 3 |
| 42 | Characterizing the resolvability of real superluminescent diode sources for application to optical coherence tomography using a low coherence interferometry model. Journal of Biomedical Optics, 2014, 19, 085003. | 2.6 | 3 |
| 43 | A STUDY OF CHINAâ€™S MAJOR DOMESTIC AIRLINESâ€™ SERVICE QUALITY AT SHANGHAIâ€™S HONGQIAO AND PUDONG INTERNATIONAL AIRPORTS. Aviation, 2017, 21, 143-154. | 0.9 | 3 |
| 44 | The effect of airline passenger anthropometry on aircraft emergency evacuations. Safety Science, 2020, 128, 104749. | 4.9 | 3 |
| 45 | The Role Of Leadership In Aviation Safety And Aircraft Airworthiness. Fatigue of Aircraft Structures, 2020, 2020, 1-14. | 0.3 | 3 |
| 46 | Analytical modelling of interrogation systems for fibre Bragg grating sensors. , 2010, , . | | 2 |
| 47 | A Fibre Bragg Grating based Reed switch for intrusion detection. , 2011, , . | | 2 |
| 48 | THE USE OF E-PASSPORTS FOR INBOUND AIRPORT BORDER SECURITY SCREENING: THE PASSENGER PERSPECTIVE. Aviation, 2014, 18, 193-202. | 0.9 | 2 |
| 49 | An adaptive neuro-fuzzy inference system for modelling Australia's regional airline passenger demand. International Journal of Sustainable Aviation, 2015, 1, 348. | 0.2 | 2 |
| 50 | Numerical simulation of optoelectronic sensors: Fiber Bragg grating and noise. , 2016, , . | | 2 |
| 51 | FORECASTING AUSTRALIAâ€™S DOMESTIC LOW COST CARRIER PASSENGER DEMAND USING A GENETIC ALGORITHM APPROACH. Aviation, 2016, 20, 39-47. | 0.9 | 2 |
| 52 | A Cross Sectional Study of the Ten Longest Ultra-Long-Range Air Routes. Transport and Telecommunication, 2019, 20, 162-174. | 1.0 | 2 |
| 53 | Aviation Safety, Freight, and Dangerous Goods Transport by Air. , 2021, , 98-107. | | 1 |
| 54 | A Qualitative Assessment of a Full-Service Network Airline Sustainable Energy Management: The Case of Finnair PLC. WSEAS Transactions on Environment and Development, 2021, 17, 167-180. | 0.7 | 1 |

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|----|--|-----|-----------|
| 55 | The Air Cargo Carrying Potential of The Airbus A350-900XWB and Boeing 787-9 Aircraft on Their Ultra-Long-Haul Flights: A Case Study for Flights from San Francisco to Singapore. Transport and Telecommunication, 2018, 19, 301-314. | 1.0 | 1 |
| 56 | Safety Review of Small Unmanned Aircraft Systems Operations. , 2022, , . | | 1 |
| 57 | The development of acoustic experiments for off-campus teaching and learning. Physics Education, 2011, 46, 281-289. | 0.5 | 0 |
| 58 | Comparison of Si, SiGe and GaAs photovoltaic microcells for power-over-fibre. , 2018, , . | | 0 |
| 59 | PASSENGER PERCEPTIONS TOWARDS SERVICE QUALITY OF AIRLINES BASED IN SINGAPORE. International Review of Management and Marketing, 2021, 11, 78-91. | 0.3 | 0 |
| 60 | Environmentally Sustainable Airline Waste Management: The Case of Finnair PLC. Environmental Research, Engineering and Management, 2021, 77, 73-85. | 1.0 | 0 |