

# Roberto Sabatini

## List of Publications by Year in descending order

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Version: 2024-02-01

178  
papers

2,789  
citations

201674

27  
h-index

265206

42  
g-index

184  
all docs

184  
docs citations

184  
times ranked

1541  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Integrated System Health Management for mission-essential and safety-critical aerospace applications. Progress in Aerospace Sciences, 2022, 128, 100758.	12.1	47
2	Design principles and digital control of advanced distributed propulsion systems. Energy, 2022, 241, 122788.	8.8	15
3	Autonomous Trajectory Optimisation for Intelligent Satellite Systems and Space Traffic Management. Acta Astronautica, 2022, 194, 185-201.	3.2	14
4	Atmospheric waves and global seismoacoustic observations of the January 2022 Hunga eruption, Tonga. Science, 2022, 377, 95-100.	12.6	170
5	Wearable Cardiorespiratory Sensors for Aerospace Applications. Sensors, 2022, 22, 4673.	3.8	2
6	A High-Integrity and Low-Cost Navigation System for Autonomous Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 356-369.	8.0	29
7	Restructuring Avionics Engineering Curricula to Meet Contemporary Requirements and Future Challenges. IEEE Aerospace and Electronic Systems Magazine, 2021, 36, 46-58.	1.3	1
8	From the Editors of the Special Issue on Avionics Systems: Future Challenges. IEEE Aerospace and Electronic Systems Magazine, 2021, 36, 5-6.	1.3	2
9	Operational efficiency analysis of Beijing multi-airport terminal airspace. Journal of Air Transport Management, 2021, 92, 102013.	4.5	6
10	Online Multimodal Inference of Mental Workload for Cognitive Human Machine Systems. Computers, 2021, 10, 81.	3.3	7
11	Laser Beam Atmospheric Propagation Modelling for Aerospace LIDAR Applications. Atmosphere, 2021, 12, 918.	2.3	20
12	Explanation of Machine-Learning Solutions in Air-Traffic Management. Aerospace, 2021, 8, 224.	2.2	23
13	Adaptive Human-Robot Interactions for Multiple Unmanned Aerial Vehicles. Robotics, 2021, 10, 12.	3.5	23
14	Active and Passive Electro-Optical Sensors for Health Assessment in Food Crops. Sensors, 2021, 21, 171.	3.8	19
15	Sound Propagation Modelling for Manned and Unmanned Aircraft Noise Assessment and Mitigation: A Review. Atmosphere, 2021, 12, 1424.	2.3	10
16	A Unified Collision Risk Model for Unmanned Aircraft Systems. , 2021, , .		2
17	Reinforcement Learning-Based Flow Management Techniques for Urban Air Mobility and Dense Low-Altitude Air Traffic Operations. , 2021, , .		6
18	A Multi-Criteria Clustering Method for UAS Traffic Management and Urban Air Mobility. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Intelligent Health and Mission Management for Multicopter UAS Integrity Assurance. , 2021, , .		0
20	Integration of a UAV-LIDAR System for Remote Sensing of CO <sub>2</sub> concentrations in Smart Agriculture. , 2021, , .		1
21	Dynamic Source Localization via Finite-Element Underwater Acoustic Field Estimation. , 2021, , .		1
22	Vehicular Sensor Network and Data Analytics for a Health and Usage Management System. Sensors, 2020, 20, 5892.	3.8	3
23	A Cyber-Physical-Human System for One-to-Many UAS Operations: Cognitive Load Analysis. Sensors, 2020, 20, 5467.	3.8	8
24	Facial Expression Analysis for Cognitive State Estimation in Aerospace Human-Machine Systems. , 2020, , .		3
25	Avionics Systems Panel Research and Innovation Perspectives. IEEE Aerospace and Electronic Systems Magazine, 2020, 35, 58-72.	1.3	21
26	Human-Machine System Design for Autonomous Distributed Satellite Operations. , 2020, , .		2
27	A Performance-Based Airspace Model for Unmanned Aircraft Systems Traffic Management. Aerospace, 2020, 7, 154.	2.2	22
28	Network Optimisation and Performance Analysis of a Multistatic Acoustic Navigation Sensor. Sensors, 2020, 20, 5718.	3.8	3
29	Acoustic Positioning and Navigation System for GNSS Denied/Challenged Environments. , 2020, , .		1
30	Advances in intelligent and autonomous navigation systems for small UAS. Progress in Aerospace Sciences, 2020, 115, 100617.	12.1	40
31	A Novel Navigation Performance-based Airspace Model for Urban Air Mobility. , 2020, , .		5
32	Human-Machine Interactions in Very-Low-Level UAS Operations and Traffic Management. , 2020, , .		6
33	Vision in micro-aerial vehicles. , 2020, , 173-216.		0
34	Introduction to navigation and intelligence for UAVs relying on computer vision. , 2020, , 75-99.		0
35	UAS human factors and human-machine interface design. , 2020, , 23-48.		0
36	Acoustic Positioning and Navigation System for Micro Aerial Vehicle Navigation. , 2020, , .		0

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37	A comparison between finite differences and the spectral-element method for the simulation of the propagation of mechanical waves through fluid/solid interfaces. , 2020, , .		0
38	Sparse MIMO synthetic aperture sonar processing with distributed optimization. , 2020, , .		2
39	Real-Time UAS Guidance for Continuous Curved GNSS Approaches. Journal of Intelligent and Robotic Systems: Theory and Applications, 2019, 93, 151-162.	3.4	4
40	Multiobjective 4D Trajectory Optimization for Integrated Avionics and Air Traffic Management Systems. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 170-181.	4.7	27
41	Effects of nozzle-exit boundary-layer profile on the initial shear-layer instability, flow field and noise of subsonic jets. Journal of Fluid Mechanics, 2019, 876, 288-325.	3.4	34
42	GNSS Performance Modelling and Augmentation for Urban Air Mobility. Sensors, 2019, 19, 4209.	3.8	25
43	Uncertainty Quantification for Space Situational Awareness and Traffic Management. Sensors, 2019, 19, 4361.	3.8	19
44	Review of advanced low-emission technologies for sustainable aviation. Energy, 2019, 188, 115945.	8.8	76
45	Performance Characterisation of Wearable Cardiac Monitoring Devices for Aerospace Applications. , 2019, , .		0
46	A Sensor-Centric Approach to Space Traffic Management. , 2019, , .		1
47	Sensor Networks for Aerospace Human-Machine Systems. Sensors, 2019, 19, 3465.	3.8	27
48	Optimal energy-based 4D guidance and control for terminal descent operations. Aerospace Science and Technology, 2019, 95, 105436.	4.8	11
49	Space traffic management: towards safe and unsegregated space transport operations. Progress in Aerospace Sciences, 2019, 105, 98-125.	12.1	27
50	Numerical Modeling of the Propagation of Infrasonic Acoustic Waves Through the Turbulent Field Generated by the Breaking of Mountain Gravity Waves. Geophysical Research Letters, 2019, 46, 5526-5534.	4.0	12
51	Experimental characterisation of eye-tracking sensors for adaptive human-machine systems. Measurement: Journal of the International Measurement Confederation, 2019, 140, 151-160.	5.0	20
52	Probabilistic Safety Assessment for UAS Separation Assurance and Collision Avoidance Systems. Aerospace, 2019, 6, 19.	2.2	9
53	Correction: A Multistatic Ultrasonic Navigation System for GNSS-denied Environments. , 2019, , .		0
54	EFF-FAS: enhanced fruit fly optimisation based search and tracking by flying ad hoc swarm. International Journal of Ad Hoc and Ubiquitous Computing, 2019, 30, 161.	0.5	1

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55	Cyber Awareness Trends in Avionics. , 2019, , .		20
56	An analysis of the atmospheric propagation of underground-explosion-generated infrasonic waves based on the equations of fluid dynamics: Ground recordings. Journal of the Acoustical Society of America, 2019, 146, 4576-4591.	1.1	4
57	Three-dimensional direct numerical simulation of infrasound propagation in the Earth's atmosphere. Journal of Fluid Mechanics, 2019, 859, 754-789.	3.4	29
58	A Multistatic Ultrasonic Navigation System for GNSS-denied Environments. , 2019, , .		0
59	A Multi-Domain Collocation Method for the Accurate Computation of Normal Modes in Open Oceanic and Atmospheric Waveguides. Acta Acustica United With Acustica, 2019, 105, 464-474.	0.8	12
60	An immersed interface method for the solution of the standard parabolic equation in range-dependent ocean environments. Journal of the Acoustical Society of America, 2018, 143, EL243-EL247.	1.1	3
61	Cognitive Human-Machine Interfaces and Interactions for Unmanned Aircraft. Journal of Intelligent and Robotic Systems: Theory and Applications, 2018, 91, 755-774.	3.4	31
62	A Unified Analytical Framework for Aircraft Separation Assurance and UAS Sense-and-Avoid. Journal of Intelligent and Robotic Systems: Theory and Applications, 2018, 91, 735-754.	3.4	18
63	Aircraft Dynamics Model Augmentation for RPAS Navigation and Guidance. Journal of Intelligent and Robotic Systems: Theory and Applications, 2018, 91, 709-723.	3.4	3
64	Machine Learning and Cognitive Ergonomics in Air Traffic Management: Recent Developments and Considerations for Certification. Aerospace, 2018, 5, 103.	2.2	44
65	Certification challenges for next-generation avionics and air traffic management systems. IEEE Aerospace and Electronic Systems Magazine, 2018, 33, 44-53.	1.3	19
66	Network Optimization for Multistatic Ultrasonic Sensors Based Indoor Navigation System. , 2018, , .		2
67	GNSS Performance Modelling for Positioning and Navigation in Urban Environments. , 2018, , .		7
68	Eye-Tracking Sensors for Adaptive Aerospace Human-Machine Interfaces and Interactions. , 2018, , .		2
69	Avionics Human-Machine Interfaces and Interactions for Manned and Unmanned Aircraft. Progress in Aerospace Sciences, 2018, 102, 1-46.	12.1	61
70	Acoustic Sensors for Air and Surface Navigation Applications. Sensors, 2018, 18, 499.	3.8	32
71	A Novel Vehicle-Based GNSS Integrity Augmentation System for Autonomous Airport Surface Operations. Journal of Intelligent and Robotic Systems: Theory and Applications, 2017, 87, 379-403.	3.4	16
72	An evolutionary outlook of air traffic flow management techniques. Progress in Aerospace Sciences, 2017, 88, 15-42.	12.1	69

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73	Commercial airline single-pilot operations: System design and pathways to certification. IEEE Aerospace and Electronic Systems Magazine, 2017, 32, 4-21.	1.3	47
74	A New Computational Technique for the Generation of Optimised Aircraft Trajectories. Nonlinear Engineering, 2017, 6, .	2.7	5
75	Detection of Volatile Organic Compound Emissions from Energy Distribution Network Leaks by Bistatic LIDAR. Energy Procedia, 2017, 110, 396-401.	1.8	4
76	Optimal Aircraft Trajectories to Minimize the Radiative Impact of Contrails and CO 2. Energy Procedia, 2017, 110, 446-452.	1.8	11
77	Descent 4D trajectory optimisation for curved GNSS approaches. , 2017, , .		1
78	A unified approach to separation assurance and Collision Avoidance for UAS operations and traffic management. , 2017, , .		9
79	Global navigation satellite systems performance analysis and augmentation strategies in aviation. Progress in Aerospace Sciences, 2017, 95, 45-98.	12.1	47
80	A GNSS Integrity Augmentation System for Ground Vehicle Operations. Energy Procedia, 2017, 110, 149-155.	1.8	6
81	A holistic approach to evaluating the effect of safety barriers on the performance of safety reporting systems in aviation organisations. Journal of Air Transport Management, 2017, 63, 95-107.	4.5	14
82	Hybrid-electric propulsion integration in unmanned aircraft. Energy, 2017, 140, 1407-1416.	8.8	57
83	A novel simulation environment for cognitive human factors engineering research. , 2017, , .		5
84	An adaptive sensor-switching framework for urban UAS navigation. , 2017, , .		1
85	Future aviation research in Australia: addressing air transport safety, efficiency and environmental sustainability. International Journal of Sustainable Aviation, 2017, 3, 87.	0.2	1
86	A bio-inspired acoustic sensor system for UAS navigation and tracking. , 2017, , .		4
87	Benefits and challenges of liquid hydrogen fuels in commercial aviation. International Journal of Sustainable Aviation, 2017, 3, 200.	0.2	17
88	UAV Navigation using Signals of Opportunity in Urban Environments: A Review. Energy Procedia, 2017, 110, 377-383.	1.8	30
89	Future aviation research in Australia: addressing air transport safety, efficiency and environmental sustainability. International Journal of Sustainable Aviation, 2017, 3, 87.	0.2	1
90	Benefits and challenges of liquid hydrogen fuels in commercial aviation. International Journal of Sustainable Aviation, 2017, 3, 200.	0.2	1

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91	Introducing green life cycle management in the civil aviation industry: the state-of-the-art and the future. <i>International Journal of Sustainable Aviation</i> , 2016, 2, 348.	0.2	4
92	Decentralized Modeling, Analysis, Control, and Application of Distributed Dynamic Systems. <i>Journal of Control Science and Engineering</i> , 2016, 2016, 1-2.	1.0	0
93	A Novel 3D Multilateration Sensor Using Distributed Ultrasonic Beacons for Indoor Navigation. <i>Sensors</i> , 2016, 16, 1637.	3.8	27
94	A numerical study of nonlinear infrasound propagation in a windy atmosphere. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 641-656.	1.1	23
95	A unified approach to separation assurance and collision avoidance for flight management systems. , 2016, , .		3
96	Masking and multipath analysis for unmanned aerial vehicles in an urban environment. , 2016, , .		1
97	Trajectory optimisation for avionics-based GNSS integrity augmentation system. , 2016, , .		1
98	Avionics-based GNSS integrity augmentation synergies with SBAS and GBAS for safety-critical aviation applications. , 2016, , .		8
99	4-Dimensional trajectory optimisation algorithm for air traffic management systems. , 2016, , .		7
100	Multi-objective optimisation of aircraft flight trajectories in the ATM and avionics context. <i>Progress in Aerospace Sciences</i> , 2016, 83, 1-36.	12.1	103
101	Cognitive pilot-aircraft interface for single-pilot operations. <i>Knowledge-Based Systems</i> , 2016, 112, 37-53.	7.1	67
102	A low-cost and high performance navigation system for small RPAS applications. <i>Aerospace Science and Technology</i> , 2016, 58, 529-545.	4.8	26
103	Characterization of absorption and non-linear effects in infrasound propagation using an augmented Burgersâ€™ equation. <i>Geophysical Journal International</i> , 2016, 207, 1432-1445.	2.4	9
104	UAVs Assisted Delay Optimization in Heterogeneous Wireless Networks. <i>IEEE Communications Letters</i> , 2016, 20, 2526-2529.	4.1	80
105	Multi-objective 4D Trajectory Optimization for Online Strategic and Tactical Air Traffic Management. , 2016, , 185-200.		3
106	Modelling and Evaluation of Persistent Contrail Formation Regions for Offline and Online Strategic Flight Trajectory Planning. , 2016, , 243-277.		3
107	Aircraft dynamics model augmentation for RPAS navigation and guidance. , 2016, , .		1
108	Cooperative and non-cooperative sense-and-avoid in the CNS+A context: A unified methodology. , 2016, , .		7

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109	Stand-off measurement of industrial air pollutant emissions from unmanned aircraft. , 2016, , .		3
110	CNS+A capabilities for the integration of unmanned aircraft in controlled airspace. , 2016, , .		1
111	LIDAR obstacle warning and avoidance system for unmanned aerial vehicle sense-and-avoid. Aerospace Science and Technology, 2016, 55, 344-358.	4.8	84
112	Introducing green life cycle management in the civil aviation industry: the state-of-the-art and the future. International Journal of Sustainable Aviation, 2016, 2, 348.	0.2	0
113	Numerical simulation of infrasound propagation in the Earth's atmosphere: Study of a stratospherical arrival pair. AIP Conference Proceedings, 2015, , .	0.4	5
114	Modelling and Evaluation of Aircraft Contrails for 4-Dimensional Trajectory Optimisation. SAE International Journal of Aerospace, 2015, 8, 248-259.	4.0	13
115	Investigation of GNSS Integrity Augmentation Synergies with Unmanned Aircraft Sense-and-Avoid Systems. , 2015, , .		7
116	4 Dimensional trajectory functionalities for air traffic management systems. , 2015, , .		25
117	The effects of tube deformities on the dynamic calibration of a tubing system. , 2015, , .		0
118	4 Dimensional trajectory functionalities for air traffic management systems: Novel flight management system for improved safety and sustainability in the CNS+A context. , 2015, , .		3
119	Novel flight management system for improved safety and sustainability in the CNS&#x002B;A context. , 2015, , .		14
120	4-dimensional trajectory generation algorithms for RPAS Mission Management Systems. , 2015, , .		2
121	Assessing avionics-based GNSS integrity augmentation performance in UAS mission- and safety-critical tasks. , 2015, , .		12
122	An innovative navigation and guidance system for small unmanned aircraft using low-cost sensors. Aircraft Engineering and Aerospace Technology, 2015, 87, 540-545.	0.8	15
123	A laser obstacle detection and avoidance system for manned and unmanned aircraft applications. , 2015, , .		7
124	Airborne laser sensors and integrated systems. Progress in Aerospace Sciences, 2015, 79, 15-63.	12.1	28
125	Particle filter based multi-sensor data fusion techniques for RPAS navigation and guidance. , 2015, , .		11
126	Low-cost sensors based Multi-Sensor Data Fusion techniques for RPAS Navigation and Guidance. , 2015, , .		7

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127	A unified approach to cooperative and non-cooperative Sense-and-Avoid. , 2015, , .		21
128	Numerical Algorithm for Computing Acoustic and Vortical Spatial Instability Waves. AIAA Journal, 2015, 53, 692-702.	2.6	8
129	Reverse engineering of a fixed wing Unmanned Aircraft 6-DoF model based on laser scanner measurements. , 2014, , .		10
130	Unsteady pressure measurements on a MAV wing for the design of a turbulence mitigation system. , 2014, , .		6
131	Sensing Unsteady Pressure on MAV Wings: A New Method for Turbulence Alleviation. Applied Mechanics and Materials, 2014, 629, 48-54.	0.2	5
132	A Laser Obstacle Warning and Avoidance system for Manned and Unmanned Aircraft. , 2014, , .		24
133	Unmanned Aircraft bistatic LIDAR for CO <sub>2</sub> column density determination. , 2014, , .		11
134	Avionics sensor fusion for small size unmanned aircraft Sense-and-Avoid. , 2014, , .		29
135	Fixed-wing MAV attitude stability in atmospheric turbulenceâ€”Part 2: Investigating biologically-inspired sensors. Progress in Aerospace Sciences, 2014, 71, 1-13.	12.1	72
136	Innovative flight test instrumentation and techniques for airborne laser systems performance analysis and mission effectiveness evaluation. , 2014, , .		3
137	Fixed-wing MAV attitude stability in atmospheric turbulence, part 1: Suitability of conventional sensors. Progress in Aerospace Sciences, 2014, 70, 69-82.	12.1	49
138	Experimental Flight Testing of Night Vision Imaging Systems in Military Fighter Aircraft. Journal of Testing and Evaluation, 2014, 42, 20120339.	0.7	7
139	New techniques for laser beam atmospheric extinction measurements from manned and unmanned aerospace vehicles. Open Engineering, 2013, 3, .	1.6	4
140	A novel approach to night vision imaging systems development, integration and verification in military aircraft. Aerospace Science and Technology, 2013, 31, 10-23.	4.8	15
141	Novel atmospheric extinction measurement techniques for aerospace laser system applications. Infrared Physics and Technology, 2013, 56, 30-50.	2.9	20
142	A New Avionics-Based GNSS Integrity Augmentation System: Part 2 â€” Integrity Flags. Journal of Navigation, 2013, 66, 501-522.	1.7	48
143	4-Dimensional Trajectory Negotiation and Validation System for the Next Generation Air Traffic Management. , 2013, , .		30
144	LOW-COST NAVIGATION AND GUIDANCE SYSTEMS FOR UNMANNED AERIAL VEHICLES â€” PART 2: ATTITUDE DETERMINATION AND CONTROL. Annual of Navigation, 2013, 20, 97-126.	0.3	12

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145	A New Avionics-Based GNSS Integrity Augmentation System: Part 1 – Fundamentals. Journal of Navigation, 2013, 66, 363-384.	1.7	61
146	Novel Flight Management System for Real-Time 4-Dimensional Trajectory Based Operations. , 2013, , .		32
147	Low-cost Sensors Data Fusion for Small Size Unmanned Aerial Vehicles Navigation and Guidance. International Journal of Unmanned Systems Engineering, 2013, 1, 16-47.	0.2	23
148	Advanced Flight Management System for an Unmanned Reusable Space Vehicle. International Journal of Unmanned Systems Engineering, 2013, 1, 48-67.	0.2	2
149	City-Pair Trajectory Optimization in the Presence of Winds using the GATAC Framework. , 2013, , .		3
150	Development and Flight Test of an Avionics Lidar for Helicopter and UAV Low-Level Flight. Journal of Aeronautics & Aerospace Engineering, 2013, 02, .	0.1	5
151	Airborne laser systems for atmospheric sounding in the near infrared. Proceedings of SPIE, 2012, , .	0.8	16
152	Design and integration of vision based sensors for unmanned aerial vehicles navigation and guidance. Proceedings of SPIE, 2012, , .	0.8	6
153	Design and Validation of a Detailed Aircraft Performance Model for Trajectory Optimisation. , 2012, , .		17
154	Low-Cost Navigation and Guidance Systems for Unmanned Aerial Vehicles – Part 1: Vision-Based and Integrated Sensors. Annual of Navigation, 2012, 19, 71-98.	0.3	16
155	Optimization of Fuel Consumption in Climb Trajectories using Genetic Algorithm Techniques. , 2012, , .		7
156	Towards the Development of a Multi-Disciplinary Flight Trajectory Optimization Tool: GATAC. , 2012, , .		1
157	Night vision imaging systems design, integration, and verification in military fighter aircraft. , 2012, , .		4
158	Multifunctional information distribution system (MIDS) integration programs and future developments. , 2009, , .		2
159	Innovative Methods for Planetary Atmospheric Sounding by Lasers. , 2008, , .		7
160	A new approach to eye-safety analysis for airborne laser systems flight test and training operations. Optics and Laser Technology, 2003, 35, 191-198.	4.6	15
161	Environmental Impact Assessment, on the Operation of Conventional and More Electric Large Commercial Aircraft. SAE International Journal of Aerospace, 0, 6, 56-64.	4.0	11
162	Reverse Engineering of a Fixed Wing Unmanned Aircraft 6-DoF Model for Navigation and Guidance Applications. Applied Mechanics and Materials, 0, 629, 164-169.	0.2	10

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163	Flight Management System for Unmanned Reusable Space Vehicle Atmospheric and Re-Entry Trajectory Optimisation. Applied Mechanics and Materials, 0, 629, 304-309.	0.2	3
164	Real-Time Trajectory Optimisation Models for Next Generation Air Traffic Management Systems. Applied Mechanics and Materials, 0, 629, 327-332.	0.2	28
165	Experimental Determination of Low-Cost Servomotor Reliability for Small Unmanned Aircraft Applications. Applied Mechanics and Materials, 0, 629, 202-207.	0.2	1
166	A Laser Obstacle Warning and Avoidance System for Unmanned Aircraft Sense-and-Avoid. Applied Mechanics and Materials, 0, 629, 355-360.	0.2	18
167	Bistatic LIDAR System for the Characterisation of Aviation-Related Pollutant Column Densities. Applied Mechanics and Materials, 0, 629, 257-262.	0.2	5
168	Next Generation Flight Management System for Real-Time Trajectory Based Operations. Applied Mechanics and Materials, 0, 629, 344-349.	0.2	32
169	Communication, Navigation and Surveillance Performance Criteria for Safety-Critical Avionic Systems. , 0, , .		3
170	Multi-Sensor Data Fusion Techniques for RPAS Detect, Track and Avoid. , 0, , .		6
171	A Novel Approach to Cooperative and Non-Cooperative RPAS Detect-and-Avoid. , 0, , .		4
172	Low-Cost RPAS Navigation and Guidance System using Square Root Unscented Kalman Filter. , 0, , .		0
173	Automated ATM System Enabling 4DT-Based Operations. , 0, , .		4
174	Bistatic DIAL for Multi-Species Aviation Pollutant Measurements from RPAS. , 0, , .		2
175	A Novel GNSS Integrity Augmentation System for Autonomous Airport Ground Operations. , 0, , .		0
176	Aircraft Dynamics Model Augmentation of GNSS Based Navigation and Guidance Systems for RPAS. , 0, , .		0
177	Avionics-Based GNSS Integrity Augmentation for UAS Mission Planning and Real-time Trajectory Optimisation. , 0, , .		0
178	An Innovative Structural Fatigue Monitoring Solution for General Aviation Aircraft. Journal of Aerospace Technology and Management, 0, 10, .	0.3	2