

Ivan Ostroumov

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

781
citations

623734

14
h-index

794594

19
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61
all docs

61
docs citations

61
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	AIRCRAFT POSITIONING USING MULTIPLE DISTANCE MEASUREMENTS AND SPLINE PREDICTION. Aviation, 2022, 26, 1-10.	0.9	30
2	Statistical synthesis of aerospace radars structure with optimal spatio-temporal signal processing, extended observation area and high spatial resolution. Radioelectronic and Computer Systems, 2022, , 178-194.	1.2	37
3	Automatic Dependent Surveillance-Broadcast Trajectory Data Processing. , 2022, , .		2
4	Navigation by Pair of Distance Measuring Equipment with Extrapolated Data. , 2022, , .		1
5	Statistical Analysis and Flight Route Extraction from Automatic Dependent Surveillance-Broadcast Data. , 2022, , .		20
6	Algorithms for Design of Robust Stabilization Systems. Lecture Notes in Computer Science, 2022, , 198-213.	1.3	30
7	Method of Optimal Threshold Calculation in Case of Radio Equipment Maintenance. Lecture Notes in Networks and Systems, 2022, , 69-79.	0.7	33
8	Decision Support System Based on the ELECTRE Method. Lecture Notes in Networks and Systems, 2022, , 295-304.	0.7	38
9	A Probability Estimation of Aircraft Departures and Arrivals Delays. Lecture Notes in Computer Science, 2021, , 363-377.	1.3	24
10	Collision Avoidance Systems, Airplanes. , 2021, , 164-172.		0
11	Ukrainian Navigational Aids Network Configuration Estimation. , 2021, , .		11
12	A Configuration Analysis of Ukrainian Flight Routes Network. , 2021, , .		24
13	Configuration Analysis of European Navigational Aids Network. , 2021, , .		29
14	Design of Robust Control System for Inertially Stabilized Platforms of Ground Vehicles. , 2021, , .		11
15	Modelling and simulation of DME navigation global service volume. Advances in Space Research, 2021, 68, 3495-3507.	2.6	40
16	Incident Detection Systems, Airplanes. , 2021, , 351-357.		0
17	Heteroskedasticity Analysis During Operational Data Processing of Radio Electronic Systems. Lecture Notes in Networks and Systems, 2021, , 168-175.	0.7	27
18	Outliers Detection in Unmanned Aerial System Data. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Separation Minimums for Urban Air Mobility. , 2021, , .		1
20	Unmanned Aerial System Quality Evaluation Based on Ergodesign Analysis. , 2021, , .		0
21	Vehicle Navigation by Visual Navigational Aids for Automatic Lunar Mission. , 2021, , .		0
22	Synthesis of the optimal algorithm and structure of contactless optical device for estimating the parameters of statistically uneven surfaces. Radioelectronic and Computer Systems, 2021, , 199-213.	1.2	32
23	Queuing Model of Distance Measuring Equipment for Capacity Estimation. , 2020, , .		2
24	Airplane positioning using airborne collision avoidance system data. E3S Web of Conferences, 2020, 164, 03050.	0.5	0
25	A Light Statistical Method of Air Traffic Delays Prediction. , 2020, , .		3
26	Estimation the Risk of Airplane Separation Lost by Statistical Data Processing of Lateral Deviations. , 2020, , .		3
27	Risk Assessment of Mid-air Collision Based on Positioning Performance by Navigational Aids. , 2020, , .		26
28	Interrogation Rate Measurements of Distance Measuring Equipment in Air Navigation System. , 2020, , .		6
29	TRIPLE PROBABILITY DENSITY DISTRIBUTION MODEL IN THE TASK OF AVIATION RISK ASSESSMENT. Aviation, 2020, 24, 57-65.	0.9	25
30	Applications of Artificial Intelligence in Flight Management Systems. Advances in Mechatronics and Mechanical Engineering, 2020, , 180-192.	1.0	2
31	« $\frac{1}{2}D^{\circ}D \gg \tilde{N} - D \cdot \mu \tilde{N}, D \mu D^{\circ} \tilde{N}, D, D^2 D \frac{1}{2} D \frac{3}{4} \tilde{N}, \tilde{N} - D; D \frac{3}{4} D \cdot D, \tilde{N} + \tilde{N} - D \frac{3}{4} D \frac{1}{2} \tilde{N}, f D^2 D^{\circ} D \frac{1}{2} D \frac{1}{2} \tilde{N} \cdot D \cdot D^{\circ} D \frac{3}{4} D; D \frac{3}{4} D \frac{1}{4} D \frac{3}{4} D \frac{3}{4} \tilde{N} \tilde{N} D \frac{1}{2} D^{\circ}$ »		0
32	Identification of Distance Measuring Equipment Interrogations. , 2020, , .		4
33	Improving the Accuracy of Aircraft Positioning by Navigational Aids Using Kalman Filter. , 2019, , .		4
34	Risk Analysis of Positioning by Navigational Aids. , 2019, , .		27
35	AN AIRSPACE ANALYSIS ACCORDING TO AREA NAVIGATION REQUIREMENTS. Aviation, 2019, 23, 36-42.	0.9	27
36	ACCURACY IMPROVEMENT OF VOR/VOR NAVIGATION WITH ANGLE EXTRAPOLATION BY LINEAR REGRESSION. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2019, 78, 1399-1412.	0.4	29

#	ARTICLE	IF	CITATIONS
37	AN INVESTIGATION OF AGGREGATE CHANNEL FEATURES OBJECT DETECTOR FOR UAS APPLICATION. VĚ-snik NacĚ-onalĚnogo AvĚ-acĚjnogo UnĚ-versitetu, 2019, 78, .	0.1	2
38	APPLICATION OF POCKET DEVICE SENSORS FOR MOVING OBJECT POSITIONING IN AIR SPACE. VĚ-snik NacĚ-onalĚnogo AvĚ-acĚjnogo UnĚ-versitetu, 2019, 79, .	0.1	0
39	An Area Navigation (RNAV) System Performance Monitoring and Alerting. , 2018, , .		31
40	An Accuracy and Availability Estimation of Aircraft Positioning by Navigational Aids. , 2018, , .		30
41	Optimal Pair of Navigational Aids Selection. , 2018, , .		23
42	Performance Analysis of Positioning System by Navigational Aids in Three Dimensional Space. , 2018, , .		26
43	Performance analysis of passive positioning by Distance Measuring Equipment and Automatic Dependent Surveillance Broadcast data. , 2018, , .		0
44	COMPATIBILITY ANALYSIS OF MULTI SIGNAL PROCESSING IN APNT WITH CURRENT NAVIGATION INFRASTRUCTURE. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and) Tj ETQq0 00rgBT /Overlock 10		
45	ACCURACY ASSESSMENT OF AIRCRAFT POSITIONING BY MULTIPLE RADIO NAVIGATIONAL AIDS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2018, 77, 705-715.	0.4	29
46	DME/DME AND VOR/DME POSITIONING ERRORS ESTIMATION. , 2018, 1, 12-16.	0.0	0
47	ĎŤĎ°ŇĎ,Ď2Ď1/2Ď,Ď1 Ď1/4ĎμŇ,Ď3/4Ď´ Ď;Ď3/4Ď-Ď,Ň†Ň-Ď3/4Ď1/2ŇfĎ2Ď°Ď1/2Ď1/2Ň•Ď° Ň-Ď1/2Ň,,Ď3/4ŇĎ1/4Ď°Ň†Ň-Ň”ŇĚ ĎĎ°ĎĎμĎ°Ď3ĎĎ		
48	ĎĎ3/4ŇĎ1/4ŇfĎ»ŇŹĎ2Ď°Ď1/2Ď1/2Ň•Ď°ĎĎ°Ň†Ň- Ď3/4Ď;Ň,Ď,Ď1/4Ň-Ď°Ň†Ň-Ň- Ď1/4ĎμŇĎμĎ†Ň- Ď1/2Ď°Ď-ĎμĎ1/4Ď1/2Ď,Ň... ŇĎ°ĎŇ		
49	Probability density estimation for object recognition in unmanned aerial vehicle application. , 2017, , .		5
50	Identification of unmanned aerial vehicle flight situation. , 2017, , .		24
51	Availability estimation of navigation aids. VĚ-snik NacĚ-onalĚnogo TehnĚ-Ěnogo UnĚ-versitetu UkraĚni KĚ-Ě-ysĚkij PolĚ-tehnĚ-Ěnij ĚEnstitut: SerĚ-ĚĎ RadĚ-otehnĚ-ka, RadĚ-oaparatobuduvannĚĎ, 2017, .	0.3	0
52	Ď’Ď,ŇĎ2Ď»ĎμĎ1/2Ď1/2Ň•Ň,Ď° ŇĎ3/4Ď-Ď;Ň-Ď-Ď1/2Ď°Ď2Ď°Ď1/2Ď1/2Ň•Ď3/4Ď±âĎ™Ň”Ď°Ň,Ň-Ď2 Ď-Ď° ĎĎ3/4Ď;Ď3/4Ď1/4Ď3/4ĎĎ3/4ŇŹ Ď1Ď1/4Ď		
53	Accuracy estimation of alternative positioning in navigation. , 2016, , .		24
54	Multi-parametric data recovery for unmanned aerial vehicle navigation system. , 2016, , .		8

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55	Estimation of correct recognition probability by Bayes's equation in case of not precisely known distribution density. Radioelectronics and Communications Systems, 2007, 50, 629-636.		
56	Estimation of correct recognition probability by Bayes's equation in case of not precisely known distribution density. Radioelectronics and Communications Systems, 2007, 50, 629-636.		
57	Estimation of correct recognition probability by Bayes's equation in case of not precisely known distribution density. Radioelectronics and Communications Systems, 2007, 50, 629-636.		
58	Estimation of correct recognition probability by Bayes's equation in case of not precisely known distribution density. Radioelectronics and Communications Systems, 2007, 50, 629-636.		
59	Estimation of correct recognition probability by Bayes's equation in case of not precisely known distribution density. Radioelectronics and Communications Systems, 2007, 50, 629-636.		
60	Estimation of correct recognition probability by Bayes's equation in case of not precisely known distribution density. Radioelectronics and Communications Systems, 2007, 50, 629-636.	0.5	2