Ivan Ostroumov

List of Publications by Year in descending order

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623734 794594 60 781 14 19 h-index citations g-index papers 61 61 61 58 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Modelling and simulation of DME navigation global service volume. Advances in Space Research, 2021, 68, 3495-3507.	2.6	40
2	Decision Support System Based on the ELECTRE Method. Lecture Notes in Networks and Systems, 2022, , 295-304.	0.7	38
3	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
4	Method of Optimal Threshold Calculation in Case of Radio Equipment Maintenance. Lecture Notes in Networks and Systems, 2022, , 69-79.	0.7	33
5	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
6	An Area Navigation (RNAV) System Performance Monitoring and Alerting. , 2018, , .		31
7	An Accuracy and Availability Estimation of Aircraft Positioning by Navigational Aids. , 2018, , .		30
8	AIRCRAFT POSITIONING USING MULTIPLE DISTANCE MEASUREMENTS AND SPLINE PREDICTION. Aviation, 2022, 26, 1-10.	0.9	30
9	Algorithms for Design of Robust Stabilization Systems. Lecture Notes in Computer Science, 2022, , 198-213.	1.3	30
10	Configuration Analysis of European Navigational Aids Network. , 2021, , .		29
10	Configuration Analysis of European Navigational Aids Network., 2021,,. 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
	ACCURACY ASSESSMENT OF AIRCRAFT POSITIONING BY MULTIPLE RADIO NAVIGATIONAL AIDS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika),	0.4	
11	ACCURACY ASSESSMENT OF AIRCRAFT POSITIONING BY MULTIPLE RADIO NAVIGATIONAL AIDS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2018, 77, 705-715. ACCURACY IMPROVEMENT OF VOR/VOR NAVIGATION WITH ANGLE EXTRAPOLATION BY LINEAR REGRESSION. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika),		29
11 12	ACCURACY ASSESSMENT OF AIRCRAFT POSITIONING BY MULTIPLE RADIO NAVIGATIONAL AIDS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2018, 77, 705-715. 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.		29
11 12 13	ACCURACY ASSESSMENT OF AIRCRAFT POSITIONING BY MULTIPLE RADIO NAVIGATIONAL AIDS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2018, 77, 705-715. 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. Risk Analysis of Positioning by Navigational Aids., 2019,,	0.4	29 29 27
11 12 13	ACCURACY ASSESSMENT OF AIRCRAFT POSITIONING BY MULTIPLE RADIO NAVIGATIONAL AIDS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2018, 77, 705-715. 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. Risk Analysis of Positioning by Navigational Aids., 2019, . Heteroskedasticity Analysis During Operational Data Processing of Radio Electronic Systems. Lecture Notes in Networks and Systems, 2021, , 168-175.	0.4	29 29 27 27
11 12 13 14	ACCURACY ASSESSMENT OF AIRCRAFT POSITIONING BY MULTIPLE RADIO NAVIGATIONAL AIDS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 2018, 77, 705-715. 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. Risk Analysis of Positioning by Navigational Aids., 2019, ,. Heteroskedasticity Analysis During Operational Data Processing of Radio Electronic Systems. Lecture Notes in Networks and Systems, 2021, , 168-175. AN AIRSPACE ANALYSIS ACCORDING TO AREA NAVIGATION REQUIREMENTS. Aviation, 2019, 23, 36-42.	0.4	29 29 27 27

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19	Accuracy estimation of alternative positioning in navigation. , 2016, , .		24
20	Identification of unmanned aerial vehicle flight situation. , 2017, , .		24
21	A Probability Estimation of Aircraft Departures and Arrivals Delays. Lecture Notes in Computer Science, 2021, , 363-377.	1.3	24
22	A Configuration Analysis of Ukrainian Flight Routes Network. , 2021, , .		24
23	COMPATIBILITY ANALYSIS OF MULTI SIGNAL PROCESSING IN APNT WITH CURRENT NAVIGATION INFRASTRUCTURE. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and) Tj ETQq1	b û .7843	31⊈4rgBT/O\
24	Optimal Pair of Navigational Aids Selection., 2018,,.		23
25	Statistical Analysis and Flight Route Extraction from Automatic Dependent Surveillance-Broadcast Data. , 2022, , .		20
26	Ukrainian Navigational Aids Network Configuration Estimation. , 2021, , .		11
27	Design of Robust Control System for Inertially Stabilized Platforms of Ground Vehicles. , 2021, , .		11
28	Multi-parametric data recovery for unmanned aerial vehicle navigation system., 2016,,.		8
29	Interrogation Rate Measurements of Distance Measuring Equipment in Air Navigation System. , 2020, , .		6
30	Probability density estimation for object recognition in unmanned aerial vehicle application., 2017,,.		5
31	Improving the Accuracy of Aircraft Positioning by Navigational Aids Using Kalman Filter. , 2019, , .		4
32	Identification of Distance Measuring Equipment Interrogations. , 2020, , .		4
33	A Light Statistical Method of Air Traffic Delays Prediction. , 2020, , .		3
34	Estimation the Risk of Airplane Separation Lost by Statistical Data Processing of Lateral Deviations. , 2020, , .		3
35	Estimation of correct recognition probability by Bayes' equation in case of not precisely known distribution density. Radioelectronics and Communications Systems, 2007, 50, 629-636.	0.5	2
36	Queuing Model of Distance Measuring Equipment for Capacity Estimation. , 2020, , .		2

#	Article	IF	CITATIONS
37	Outliers Detection in Unmanned Aerial System Data. , 2021, , .		2
38	ВиÑĐ²Đ»ĐμĐ½Đ½Ñ•Ñ,а Ñ€Đ¾ĐĐ;Ñ–ĐĐ½Đ°Đ²Đ°Đ½Đ½Ñ•Đ¾Đ±â€™Ñ"ĐºÑ,Ñ–Đ² Đа ĐĐ¾Đ;Đ¾ĐĐ	!∕₄ ₽ 3∕₄₽³Ð°	³¼ÑŽ Đ¹Đ¼Đ
39	AN INVESTIGATION OF AGGREGATE CHANNEL FEATURES OBJECT DETECTOR FOR UAS APPLICATION. Vìsnik Nacìonalʹnogo Avìacìjnogo Unìversitetu, 2019, 78, .	0.1	2
40	Applications of Artificial Intelligence in Flight Management Systems. Advances in Mechatronics and Mechanical Engineering, 2020, , 180-192.	1.0	2
41	Automatic Dependent Surveillance-Broadcast Trajectory Data Processing. , 2022, , .		2
42	Separation Minimums for Urban Air Mobility., 2021,,.		1
43	ĐĐ¾Ñ€Đ¼ÑſĐ»ÑŽĐ²Đ°Đ½Đ½Ñ∙Đ∙аĐѢ°Ñ‡Ñ− Đ¾Đ¿Ñ,Đ¸Đ¼Ñ−Đ∙Đ°Ñ†Ñ−Ñ− Đ¼ĐμÑ€ĐμжÑ− Đ½Đ°Đ∙Đ	μ Đở,⁄4 Đ½E)¸Ñ⊾ Ñ€Đ° <mark>Đ1</mark>
44	Navigation by Pair of Distance Measuring Equipment with Extrapolated Data. , 2022, , .		1
45	Performance analysis of passive positioning by Distance Measuring Equipment and Automatic Dependent Surveillance Broadcast data. , 2018, , .		0
46	Airplane positioning using airborne collision avoidance system data. E3S Web of Conferences, 2020, 164, 03050.	0.5	0
47	Collision Avoidance Systems, Airplanes. , 2021, , 164-172.		0
48	Incident Detection Systems, Airplanes., 2021,, 351-357.		0
49	ĐĐ¾Ñ€Đ¼Đ°Đ»Ñ–ĐĐ°Ñ†Ñ–Ñ•ĐĐ°Đ²ĐԾ°Đ½ÑŒ Đ¿Ñ€Đ¾ĐμаÑ,ÑƒĐ²Đ°Đ½Đ½Ñ•Đ¿Đ¾Đ»Ñ–ĐμÑ€Đ³Đ°Ñ	Ń,ĐợÑ#Đ½€	Đ,Ñ ù Ñ,Ñ€ <mark>а</mark>
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54	Availability estimation of navigation aids. Vìsnik Nacìonalʹnogo TehnìÄnogo Unìversitetu Ukraìni KìÆPolìtehnìÄnij ÃŒnstitut: Serìâ Radìotehnìka, Radìoaparatobuduvannâ, 2017, .	ìvs£¹kij	0

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55	DME/DME AND VOR/DME POSITIONING ERRORS ESTIMATION. , 2018, 1, 12-16.	0.0	O
56	ĐŸĐ°ÑĐ¸Đ²Đ½Đ¸Đ¹ Đ¼ĐμÑ,Đ¾Đ´Đ¿Đ¾ĐĐ,Ñ†Ñ–Đ¾Đ½ÑƒĐ²Đ°Đ½Đ½Ñ•Đа Ñ–Đ½Ñ"Đ¾Ñ€Đ¼Đ°Ñ†Ñ-	−Ñ" ÑŽ Ѐ	℈ℴ⅁ℎℎ _{℈Å}
57	APPLICATION OF POCKET DEVICE SENSORS FOR MOVING OBJECT POSITIONING IN AIR SPACE. Vìsnik Nacìonalʹnogo Avìacìjnogo Unìversitetu, 2019, 79, .	0.1	O
58	Unmanned Aerial System Quality Evaluation Based on Ergodesign Analysis. , 2021, , .		0
59	ĐĐ½Đ°Đ»Ñ–Đ·ĐµÑ"еаŇ,Đ¸Đ²Đ½Đ¾ÑÑ,Ñ– Đ¿Đ¾ĐĐ,Ñ†Ñ–Đ¾Đ½ÑƒĐ²Đ°Đ½Đ½Ñ•Đа ĐĐ¾Đ¿Đ¾ĐĐ	¼Đ ¾ Đ³Đ	¾ÑŽ Ð½Đ°Ð
60	Vehicle Navigation by Visual Navigational Aids for Automatic Lunar Mission 2021		0