Konstantin E Rumyantsev

List of Publications by Year
in descending order

31	106	2682572	2550090
31 papers	106 citations	2 h-index	3 g-index

31 all docs	31 docs citations	31 times ranked	42 citing authors

#	Article	IF	Citations
1	Single-photon synchronization mode of quantum key distribution system. , 2016, , .		18
2	Preliminary stage synchronization algorithm of auto-compensation quantum key distribution system with an unauthorized access security. , 2016, , .		15
3	Synchronization in Quantum Key Distribution Systems. Cryptography, 2017, 1, 18.	2.3	13
4	Synchronization algorithm of quantum key distribution system with protection from unauthorized access. , 2015, , .		10
5	Parameters of the two-stage synchronization algorithm for the quantum key distribution system. , 2017, , .		9
6	Quantum-cryptographic network. , 2016, , .		6
7	Self-phase modulation based chirp generator. , 2016, , .		6
8	Time Synchronization Method in Quantum Key Distribution System with Automatic Compensation of Polarization Distortions. , 2017, , .		5
9	Detection of feature points on the three-dimensional scene under varying conditions of observation. , 2015, , .		4
10	An analysis of feature detection efficiency on images with a priori unknown and changing viewing conditions. , 2016, , .		4
11	Robust algorithm for detection of image features. , 2016, , .		3
12	Features of detection of a single-photon pulse at synchronisation in quantum key distribution systems. , 2017, , .		3
13	Adaptive Modulation for Continuous-Variable Quantum Key Distribution With Real Local Oscillators Under Phase Attack. IEEE Photonics Journal, 2021, 13, 1-7.	2.0	3
14	Universal robust algorithm for detection of image features. , 2016, , .		2
15	Interrelation of mobile robot movement dynamics with onboard binocular vision system parameters. , 2015, , .		1
16	Extraction scenes point features on noisy digital images. Proceedings of SPIE, 2016, , .	0.8	1
17	Chirp generator based on the binary optical structures. , 2016, , .		1
18	Using multiagent system for solving tracing problems. , 2016, , .		1

#	Article	IF	Citations
19	Graph-analytical method for estimating single photon synchronization parameters of an autocompensation quantum key distribution system. , 2018, , .		1
20	New approach to evaluate the effectiveness of the audio information protection for determining the identity of virtual speech images. , 2009, , .		0
21	Data Transmission Network Based on Quantum Keys Distribution. , 2016, , .		0
22	The analysis of measurement capabilities onboard collinear digital stereo vision systems. , 2016, , .		0
23	A statistical method for estimating the accuracy of scene reconstruction using a collinear digital stereo vision system. , 2017, , .		0
24	Research of robust feature detector efficiency in case of scene uneven illumination changes. AIP Conference Proceedings, 2018, , .	0.4	0
25	Organization of the secure distributed computing based on multi-agent system. AIP Conference Proceedings, 2018, , .	0.4	0
26	The optimal input optical pulse shape for the self-phase modulation based chirp generator. AIP Conference Proceedings, 2018, , .	0.4	0
27	Development and Research of an Adaptive Shaper of Features Based on Cyberneuron for a Robust Detector. , 2019, , .		0
28	Fuel Assembly Height Measurements at the Nuclear Power Plant Unit Active Zone. Communications in Computer and Information Science, 2017, , 156-163.	0.5	0
29	Organization and Protection on the Basis of a Multi-agent System of Distributed Computing in a Computer Network to Reduce the Time for Solving Large-Scale Tasks. Communications in Computer and Information Science, 2019, , 292-303.	0.5	0
30	Assessment of the effectiveness and sustainability of the detection of diverse features in an unknown background environment of the real scene. , 2019, , .		0
31	Synchronization of the Quantum Key Distribution System with Priori Information About the Fiber-Optic Line Length. Communications in Computer and Information Science, 2020, , 75-86.	0.5	0