

Ainur Kozbakova

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4891623/ainur-kozbakova-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

573
citations

9
h-index

21
g-index

180
ext. papers

803
ext. citations

1.8
avg, IF

4.07
L-index

#	Paper	IF	Citations
70	Mathematical justification of thermosyphon effect main parameters for solar heating system. <i>Cogent Engineering</i> , 2020 , 7, 1851629	1.5	2
69	Interrogation system of signals from rotation sensors using tilted fiber Bragg gratings. <i>Cogent Engineering</i> , 2020 , 7, 1743405	1.5	
68	Study of convective heat transfer in flat plate solar collectors. <i>ITM Web of Conferences</i> , 2019 , 24, 01009	0.1	1
67	Development of energy-efficient vibration machines for the buiding-and-contruction industry. <i>Przegląd Elektrotechniczny</i> , 2019 , 1, 55-61	1.4	2
66	EXERGY ANALYSIS OF DOUBLE-CIRCUIT FLAT SOLAR COLLECTOR WITH THERMOSYPHON CIRCULATION. <i>Informatyka Automatyka Pomiary W Gospodarce I Ochronie Ęrodowiska</i> , 2019 , 9, 35-39	0.2	
65	Calculation and Selection of Flat-Plate Solar Collector Geometric Parameters with Thermosiphon Circulation. <i>Journal of Ecological Engineering</i> , 2018 , 19, 176-181	2	7
64	Montgomery and informed consent: where are we now?. <i>BMJ, The</i> , 2017 , 357, j2224	5.9	147
63	Bio-inspired approach to multistage image processing 2017 ,		5
62	Method of magneto-elastic control of mechanic rigidity in assemblies of hydropower units 2017 ,		2
61	Vibration diagnostic system for evaluation of state interconnected electrical motors mechanical parameters 2017 ,		2
60	Automated method for structural segmentation of nasal airways based on cone beam computed tomography 2017 ,		3
59	Medical expert system for assessment of coronary heart disease destabilization based on the analysis of the level of soluble vascular adhesion molecules 2017 ,		9
58	Safety recommendation component of mobile information assistant of the tourist 2017 ,		2
57	Design and kinematics of serial/parallel hybrid robot 2017 ,		4
56	Instrument for Determining the Particle Size Distribution of Grain by Sedimentometric Analysis. <i>Measurement Techniques</i> , 2017 , 60, 968-972	0.4	
55	Cauchy Problem for System of the Burgers Equations Arising in the Two-velocity Hydrodynamics. <i>Mathematical Modelling of Natural Phenomena</i> , 2017 , 12, 134-138	3	1
54	Optical transducers with frequency output 2017 ,		2

53	Offsetting, relations, and blending with perturbation functions 2017 ,		4
52	Concept of information technology of monitoring and decision-making support 2017 ,		1
51	Highly sensitive active medium of primary converter SO ₂ sensors based on cholesteric-nematic mixtures, doped by carbon nanotubes. <i>Przegląd Elektrotechniczny</i> , 2017 , 1, 119-122	1.4	5
50	Construction of Individual Trajectories of Training Specialists in the Field of Information and Communication Technologies. <i>Journal of Automation and Information Sciences</i> , 2017 , 49, 36-46	1.9	5
49	New non-system physical quantities for vibration monitoring of transient processes at hydropower facilities, integral vibratory accelerations. <i>Przegląd Elektrotechniczny</i> , 2017 , 1, 71-74	1.4	2
48	Analysis of microcirculatory disorders in inflammatory processes in the maxillofacial region on based of optoelectronic methods. <i>Przegląd Elektrotechniczny</i> , 2017 , 1, 116-119	1.4	2
47	Calibration of the metrological characteristics of photoplethysmographic multispectral device for diagnosis the peripheral blood circulation. <i>Przegląd Elektrotechniczny</i> , 2017 , 1, 81-84	1.4	3
46	Principles of operation of high voltage glow discharge electron guns and some possibilities of their technological application 2017 ,		5
45	Efficiency of optical-electronic systems: methods application for the analysis of structural changes in the process of eye grounds diagnosis 2017 ,		1
44	Simulation of data safety components for corporative systems 2017 ,		1
43	Mathematical models of production systems development based on optimal aggregation methodology 2017 ,		1
42	Using lights in a volume-oriented rendering 2017 ,		3
41	The approach to engineering tasks composition on knowledge portals 2017 ,		1
40	The method of translation additive and multiplicative error in the instrumental component of the measurement uncertainty 2016 ,		1
39	Texture recognition by the methods of topological data analysis. <i>Open Engineering</i> , 2016 , 6,	1.7	7
38	Information system based on the mathematical model of the EPS. <i>Open Engineering</i> , 2016 , 6,	1.7	1
37	Effect of exopolysaccharide from <i>Ganoderma applanatum</i> on the electrical properties of mouse fibroblast cells line L929 culture using an electric cell-substrate impedance sensing (ECIS) - Preliminary study. <i>Annals of Agricultural and Environmental Medicine</i> , 2016 , 23, 280-4	1.4	3
36	Life events and escape in conversion disorder. <i>Psychological Medicine</i> , 2016 , 46, 2617-26	6.9	61

35	Improving the quality perception of digital images using modified method of the eye aberration correction 2016 ,		3
34	First results in the development of a mobile robot with trajectory planning and object recognition capabilities. <i>Open Engineering</i> , 2016 , 6,	1.7	1
33	Automatic speech segmentation using throat-acoustic correlation coefficients. <i>Open Engineering</i> , 2016 , 6,	1.7	2
32	Towards a Biopsychosocial Model of Gulf War Illness?. <i>EBioMedicine</i> , 2016 , 3, 6-7	8.8	4
31	Constructive method for solving a boundary value problem for ordinary differential equations. <i>Differential Equations</i> , 2015 , 51, 149-162	0.7	1
30	Selection of the most prominent lines of research in ICT domain 2015 ,		1
29	Analysis of the Possibilities for Using a Uniform Bragg Grating in a Tunable Dispersion Compensator. <i>International Journal of Electronics and Telecommunications</i> , 2015 , 61, 381-387		1
28	Global Practical Output Tracking of Inherently Nonlinear Systems Using Continuously Differentiable Controllers. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-10	1.1	3
27	Braid Floer homology. <i>Journal of Differential Equations</i> , 2015 , 259, 1663-1721	2.1	2
26	Application of wireless technologies in agriculture, ecological monitoring and defense 2015 ,		3
25	Elongation determination using finite element and boundary element method. <i>International Journal of Electronics and Telecommunications</i> , 2015 , 61, 389-394		
24	Synthesis of the control algorithm of cyclicity for branched technological process 2015 ,		1
23	Coordination in serial-parallel image processing 2015 ,		1
22	Diagnostic efficiency of Mueller-matrix polarization reconstruction system of the phase structure of liver tissue 2015 ,		1
21	Methods and means of measuring control and diagnostics of biological tissues in vivo based on measurements of color coordinates and multispectral image 2015 ,		2
20	Effect of arachidonic acid elicitation on lettuce resistance towards <i>Botrytis cinerea</i> . <i>Scientia Horticulturae</i> , 2014 , 179, 16-20	4.1	13
19	Semantic network of ICT domains and applications 2014 ,		6
18	Simulating In-Situ Leaching Process Using Comsol Multiphysics. <i>International Journal of Electronics and Telecommunications</i> , 2014 , 60, 213-217		2

17	Methods for applying VAD in Kazakh speech recognition systems. <i>International Journal of Speech Technology</i> , 2014 , 17, 199-204	1.3	2
16	Numerical Implementation of the Fictitious Domain Method for Elliptic Equations. <i>International Journal of Electronics and Telecommunications</i> , 2014 , 60, 219-223		1
15	The use of decision tree induction and artificial neural networks for automatic diagnosis of Hashimoto's disease. <i>Expert Systems With Applications</i> , 2013 , 40, 6684-6689	7.8	8
14	Technology User Groups and Early Childhood Education: A Preliminary Study. <i>Early Childhood Education Journal</i> , 2013 , 41, 171-179	1.3	13
13	Foetal origins of depression? A systematic review and meta-analysis of low birth weight and later depression. <i>Psychological Medicine</i> , 2013 , 43, 1-12	6.9	89
12	Certain problems of synchronization theory. <i>Journal of Inverse and Ill-Posed Problems</i> , 2013 , 21,	1.3	1
11	Optical Fiber Technology 2012. <i>International Journal of Electronics and Telecommunications</i> , 2013 , 59, 131-140		0
10	Laser photoplethysmography in integrated evaluation of collateral circulation of lower extremities 2013 ,		1
9	Fuzzy Modeling for Optical Sensor for Diagnostics of Pulverized Coal Burner. <i>Procedia Engineering</i> , 2012 , 47, 1029-1032		3
8	Advanced diagnostics of industrial pulverized coal burner using optical methods and artificial intelligence. <i>Experimental Thermal and Fluid Science</i> , 2012 , 43, 82-89	3	18
7	Interactive systems for sign language learning 2012 ,		4
6	Assessment of significance of features acquired from thyroid ultrasonograms in Hashimoto's disease. <i>BioMedical Engineering OnLine</i> , 2012 , 11, 48	4.1	12
5	Influence of the measurement method of features in ultrasound images of the thyroid in the diagnosis of Hashimoto's disease. <i>BioMedical Engineering OnLine</i> , 2012 , 11, 91	4.1	15
4	Chronic fatigue syndrome: labels, meanings and consequences. <i>Journal of Psychosomatic Research</i> , 2011 , 70, 500-4	4.1	21
3	Is chronic fatigue syndrome a neurological condition? A survey of UK neurologists. <i>Journal of Psychosomatic Research</i> , 2011 , 70, 573-4	4.1	9
2	Development of optical fiber technology in Poland. <i>International Journal of Electronics and Telecommunications</i> , 2010 , 56, 99-104		1
1	Structural analysis of distributed Bragg reflector mirrors. <i>Vacuum</i> , 2009 , 83, S148-S151	3.7	1