

Vadim Tynchenko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4291380/publications.pdf>

Version: 2024-02-01

46
papers

199
citations

1163117

8
h-index

1125743

13
g-index

48
all docs

48
docs citations

48
times ranked

28
citing authors

#	ARTICLE	IF	CITATIONS
1	Hardware Control of the Electron Beam Energy Density by the Heating Spot. Lecture Notes in Networks and Systems, 2022, , 71-78.	0.7	0
2	The Technology of Using Liquid Glass Mixture Waste for Reducing the Harmful Environmental Impact. Materials, 2022, 15, 1220.	2.9	5
3	Analysis of the Structure of Germany's Energy Sector with Self-organizing Kohonen Maps. Lecture Notes in Business Information Processing, 2022, , 5-13.	1.0	12
4	X-ray Diffraction Phase Analysis of Changes in the Lattice of Pervouralsk Quartzite upon Heating. Minerals (Basel, Switzerland), 2022, 12, 233.	2.0	5
5	Software development based on artificial neural networks for fitness club. , 2022, , .		1
6	Software for modeling brazing process of spacecraft elements from widely used alloys. , 2022, , .		0
7	Using UML to Describe the Development of Software Products Using an Object Approach. , 2022, , .		4
8	Software System for Modeling Temperature Distribution During the Electron Beam Welding. , 2022, , .		1
9	Software to Predict the Process Parameters of Electron Beam Welding. IEEE Access, 2021, 9, 92483-92499.	4.2	17
10	Processing of Radar and Optical Images for Monitoring Natural and Anthropogenic Emergencies. Lecture Notes in Networks and Systems, 2021, , 607-620.	0.7	1
11	Automation of Electron Beam Input During the Welding of Thin-Walled Structures. Lecture Notes in Networks and Systems, 2021, , 88-99.	0.7	0
12	Air and space vehicle production: indicators of innovative activity. Economic Annals-XXI, 2021, 187, 114-120.	0.3	1
13	Mathematical Modeling of Induction Heating of Waveguide Path Assemblies during Induction Soldering. Metals, 2021, 11, 697.	2.3	14
14	The Use of Collections of Artificial Neural Networks to Improve the Control Quality of the Induction Soldering Process. Sensors, 2021, 21, 4199.	3.8	1
15	Ensemble of artificial neural networks to control the induction soldering of spacecraft's waveguide paths. , 2021, , .		0
16	Design of Computational Models for Hydroturbine Units Based on a Nonparametric Regression Approach with Adaptation by Evolutionary Algorithms. Computation, 2021, 9, 83.	2.0	0
17	Investigation of the Solid-Phase Joint of VT-14 Titanium Alloy with 12KH18N10T Stainless Steel Obtained by Diffusion Welding through Intermediate Layers. Metals, 2021, 11, 1325.	2.3	3
18	Modeling the Temperature Field Distribution at the Stages of Input-Output of the Electron Beam. Lecture Notes in Networks and Systems, 2021, , 331-339.	0.7	0

#	ARTICLE	IF	CITATIONS
19	Algorithms for selecting the operating mode of the technological process of waveguide paths induction brazing. Journal of Applied Engineering Science, 2021, 19, 424-431.	0.9	1
20	Features of Using Programs for Casting Processes Modeling. Lecture Notes in Networks and Systems, 2021, , 23-30.	0.7	1
21	Software for Structure Selection of an Artificial Neural Network to Control the Induction Soldering Process. Advances in Intelligent Systems and Computing, 2020, , 480-490.	0.6	1
22	Evaluation of Lubricants Use with Ultrafine Copper-Containing Additives in Sliding Bearings with Reversible Friction. Lecture Notes in Mechanical Engineering, 2020, , 1295-1302.	0.4	0
23	Program Model of the Interacting Adaptive Traffic Control System. Communications in Computer and Information Science, 2020, , 218-234.	0.5	0
24	Mathematical Software for Testing and Setting up the Induction Soldering Process. Communications in Computer and Information Science, 2020, , 114-124.	0.5	0
25	Research of Data Analysis Techniques for Vibration Monitoring of Technological Equipment. Advances in Intelligent Systems and Computing, 2020, , 598-605.	0.6	0
26	Algorithmic and Software Support for Technological Decision-Making in the Process of Induction Soldering. Advances in Intelligent Systems and Computing, 2020, , 521-530.	0.6	0
27	Development of Elements of an Intelligent High-Performance Platform of a Distributed Decision Support System for Monitoring and Diagnostics of Technological Objects. Advances in Intelligent Systems and Computing, 2020, , 614-626.	0.6	0
28	Modeling of Product Heating at the Stage of Beam Input in the Process of Electron Beam Welding Using the COMSOL Multiphysics System. Advances in Intelligent Systems and Computing, 2020, , 905-912.	0.6	5
29	The problem of SEO promotion for the organization's web representation. SHS Web of Conferences, 2019, 69, 00122.	0.2	4
30	Comprehensive scientific and technical programs as a vector of education development in the digital economy. SHS Web of Conferences, 2019, 69, 00123.	0.2	0
31	Intellectual Control of Induction Soldering Process using Neuro-fuzzy Controller. , 2019, , .		5
32	Intelligently Informed Control Over the Process Variables of Oil and Gas Equipment Maintenance. International Review of Automatic Control, 2019, 12, 59.	0.3	9
33	Control of the induction soldering on the basis of process temperature indirect measurements. MATEC Web of Conferences, 2018, 224, 01054.	0.2	1
34	investigation of methods for modeling petroleum refining facilities to improve the reliability of predictive decision models. Journal of Applied Engineering Science, 2018, 16, 246-253.	0.9	5
35	Classification of non-normative errors in measuring instruments based on data mining. , 2018, , .		2
36	State and trends of depreciation strategy of rocket and space industry enterprises formation. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	Complex of automated equipment and technologies for waveguides soldering using induction heating. IOP Conference Series: Materials Science and Engineering, 2017, 173, 012023.	0.6	29
38	Modeling of thermal processes in waveguide tracts induction soldering. IOP Conference Series: Materials Science and Engineering, 2017, 173, 012026.	0.6	11
39	Optimizing the control process parameters for the induction soldering of aluminium alloy waveguide paths1. IOP Conference Series: Materials Science and Engineering, 2017, 255, 012017.	0.6	8
40	A control algorithm for waveguide path induction soldering with product positioning1. IOP Conference Series: Materials Science and Engineering, 2017, 255, 012018.	0.6	8
41	Multi-Objective Optimization of Complex Objects in Neural Network Models. Indian Journal of Science and Technology, 2016, 9, .	0.7	4
42	Workpiece Surface Technological Quality Assurance with Levitation Tool Modules. Indian Journal of Science and Technology, 2016, 9, .	0.7	4
43	The parallel genetic algorithm for construction of technological objects neural network models. , 2016, , .		13
44	System of video observation for electron beam welding process. IOP Conference Series: Materials Science and Engineering, 2016, 122, 012022.	0.6	0
45	The automated system for technological process of spacecraft's waveguide paths soldering. IOP Conference Series: Materials Science and Engineering, 2016, 155, 012007.	0.6	20
46	Cast Iron and Steel Smelting in Induction Crucible Furnaces of Industrial Frequency. Solid State Phenomena, 0, 299, 530-534.	0.3	1