

# Anatolijs Zabasta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5138327/publications.pdf>

Version: 2024-02-01

52  
papers

286  
citations

2682526

2  
h-index

2272907

4  
g-index

52  
all docs

52  
docs citations

52  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	The arrowhead approach for SOA application development and documentation. , 2014, , .		55
2	Modern tools of career development and motivation of students in Electrical Engineering Education. , 2018, , .		21
3	Developing a mutually-recognized cross-domain study program in cyber-physical systems. , 2017, , .		15
4	Sustainable pavement enable to produce electricity for road lighting using green energy. , 2018, , .		14
5	MQTT Service Broker for Enabling the Interoperability of Smart City Systems. , 2018, , .		14
6	Student Engagement in Cross-Domain Innovation Development and Its Impact on Learning Outcomes and Career Development in Electrical Engineering. , 2019, , .		14
7	The energy saving challenge in the contemporary formal courses development. , 2017, , .		13
8	Vehicle weight detection sensor development for data collecting in sustainable city transport system. , 2016, , .		10
9	Technical Implementation of IoT Concept for Bee Colony Monitoring. , 2019, , .		10
10	MQTT enabled service broker for implementation arrowhead core systems for automation of control of utility' systems. , 2017, , .		9
11	IoT Approach Application for Development of Autonomous Beekeeping System. , 2019, , .		9
12	Research on Cross-Domain Study Curricula in Cyber-Physical Systems: A Case Study of Belarusian and Ukrainian Universities. Education Sciences, 2020, 10, 282.	2.6	9
13	Development of Industry Oriented Curricular on Cyber Physical Systems for Belarusian and Ukrainian Universities. , 2018, , .		8
14	Advanced practices: micro learning, practice oriented teaching and gamified learning. , 2020, , .		8
15	Evaluation of market needs in Belarus for improvement of master-level education in the field of physical sciences. , 2016, , .		7
16	Development of entrepreneurship skills for students creative thinking support in higher education. , 2019, , .		6
17	Development of IoT based Monitoring and Control System for Small Industrial Greenhouses. , 2021, , .		6
18	Development of pseudo autonomous wireless sensor monitoring system for water distribution network. , 2014, , .		5

#	ARTICLE	IF	CITATIONS
19	Integration of the European bachelor master degree concept at Belarusian universities for physics and engineering students. , 2016, , .		5
20	The case study of acquisition of transferable skills by electrical engineers. , 2012, , .		4
21	Establishing regional competence centre for life long learning in electrical engineering. , 2013, , .		4
22	Industry " academia cooperation support for creative thinking skills strengthening of undergraduates' students in electrical engineering. , 2018, , .		4
23	Implementation of IoT Concept for Early Diagnostic of Subacute Rumen Acidosis in Cows. , 2020, , .		4
24	ISM transmitter density estimation for telemetry sensors in high rise apartment buildings. , 2015, , .		3
25	Collaborative Learning Outcomes for Creation of Industry-Oriented Curricular: a Case Study of ERASMUS+ Project Physics. , 2019, , .		3
26	Development of entrepreneurship skills for Innovation driven career in Adaptronics. , 2019, , .		3
27	Acquisition of Learning Outcomes Applying Active Learning Approach and Quality Assurance process at ELEMEND project. , 2021, , .		3
28	DEVELOPMENT OF INDUSTRY-ORIENTED, STUDENT-CENTRED MASTER-LEVEL EDUCATION IN THE FIELD OF PHYSICAL SCIENCES IN BELARUS. EDULEARN Proceedings, 2018, , .	0.0	3
29	Wireless sensor networks based control system development for water supply infrastructure. , 2014, , .		2
30	Sensor networking and signal processing applications for heating efficiency maintenance in high-rise apartment buildings. , 2017, , .		2
31	The resilience of automatic wireless meters reading for distribution networks in smart city model. , 2018, , .		2
32	Implementation of mutual recognition and voluntary standardization via Sharing of Expertise in education of electrical engineers. , 2013, , .		1
33	Traffic Route Modelling and Assignment with Intelligent Transport System. Electrical, Control and Communication Engineering, 2014, 7, 34-40.	0.8	1
34	Sensor networking for improving of reliability indicator by electric Power Utilities. , 2015, , .		1
35	Quality-Focused Data Delivery in Wireless Sensor Network for Drinking Water Distribution System. , 2018, , .		1
36	Critical infrastructure adaptive computer control of standard and smart subsystems. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
37	Computer-mediated communication based English language teaching to academic staff of Belarus and Ukraine in a COVID-19 environment. , 2021, , .		1
38	Latvian Practices for Protecting Water and Wastewater Infrastructure. , 2014, , 315-342.		1
39	Wireless Sensor Networks: Towards Resilience Against Weather-Based Disruptions. Electrical, Control and Communication Engineering, 2019, 15, 79-87.	0.8	1
40	Adaptive Workflow of Service Oriented IoT Architectures for Small and Distributed Automation Systems. , 2020, , .		1
41	Study of the Operation of the Energy Generating Platform on the Basis of a Multiplier with Spur Gears. , 2020, , .		1
42	Approach for Cross-Domain Study Curricula in Cyber-Physical Systems for Belarusian and Ukrainian Universities. , 2020, , .		1
43	Wireless sensor networks and SOA development for optimal control of legacy power grid. , 2014, , .		0
44	Power-off alarming in control of small manufactures in rural regions. , 2014, , .		0
45	Developing a Control System for Emergency Situations in the Automated Manufacturing Line of Wood Briquettes. Solid State Phenomena, 0, 220-221, 224-229.	0.3	0
46	Development of industry oriented cross-domain study programs in cyber-physical systems for Belarusian and Ukrainian universities. , 2021, , 271-292.		0
47	IoT smart add-on for small-farm milking machine. , 2021, , .		0
48	Prototyping process in education and science. , 2020, , .		0
49	Experience of Capacity Building in Higher Education Institutions in the Partner Countries from European Union Neighborhood region. , 2021, , .		0
50	Implementation of the double degree master's program on the example of the Erasmus project CybPhys. , 2021, , .		0
51	The Significance of Dissemination Activities at Mediterranean University in the frame of project "Electrical Energy Markets and Engineering Education (ELEMEND)", 2021, , .		0
52	Quality Monitoring to Evaluate Progress in "Electrical Energy Markets and Engineering Education", 2021, , .		0