

# Natalia A Serdyukova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6580696/publications.pdf>

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18  
papers

87  
citations

1937685

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1474206

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g-index

23  
all docs

23  
docs citations

23  
times ranked

10  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovative Algebraic Methods in Digitalization of Smart Systems Course. Smart Innovation, Systems and Technologies, 2021, , 305-313.	0.6	2
2	Digitalization of Propositional Algebra and NPC. Procedia Computer Science, 2021, 192, 1471-1483.	2.0	3
3	Smart Systems Identification Problem. Intelligent Systems Reference Library, 2021, , 1-15.	1.2	1
4	Quasi-fractal Algebraic Systems as Instruments of Knowledge Control. Smart Innovation, Systems and Technologies, 2020, , 443-453.	0.6	0
5	Assessing the Reliability of Automated Knowledge Control Results. , 2019, , .		12
6	Smart Education Analytics: Quality Control of System Links. Smart Innovation, Systems and Technologies, 2019, , 104-113.	0.6	1
7	Algebraic Formalization of Sustainability in Smart University Ranking System. Smart Innovation, Systems and Technologies, 2018, , 459-474.	0.6	16
8	Algebraic Approach to the Risk Description. Linear Programming Models with Risk. Smart Innovation, Systems and Technologies, 2018, , 117-136.	0.6	3
9	P-Sustainability of a System. Algebraic Formalization of Sustainability Concept. Sustainability of Ranking Systems in Education. Smart Innovation, Systems and Technologies, 2018, , 171-189.	0.6	0
10	The Problem of General Systems Theory's Formalization. Smart Innovation, Systems and Technologies, 2018, , 1-20.	0.6	0
11	Pro-P-Groups and Algebraically Closed Groups: Application to Smart Systems. Smart Innovation, Systems and Technologies, 2018, , 149-169.	0.6	0
12	The Transition from an Infinite Model of Factors that Determine the System to a Finite Model. The Model of Algebraic Formalization of Risks of Changing the Scenarios of the Long-Term Development of a Smart System of Six Factors on the Example of a Smart University. Smart Innovation, Systems and Technologies, 2018, , 137-147.	0.6	0
13	P-Innovative and P-Pseudo-Innovative Systems on the Predicate P and Their Properties. Smart Innovation, Systems and Technologies, 2018, , 97-116.	0.6	0
14	Formalization of System Links: Different Approaches. Duality in Smart Systems Theory. Smart Innovation, Systems and Technologies, 2018, , 79-96.	0.6	0
15	External and Internal Properties of a System. Integrity and P-Integrity of a System by Predicate P. Formalization Smart Systems' Axiomatic. Smart Innovation, Systems and Technologies, 2018, , 57-78.	0.6	0
16	Multi objective optimization of VPN design by linear programming with risks models. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2016, 20, 175-188.	1.0	9
17	A Formal Algebraic Approach to Modeling Smart University as an Efficient and Innovative System. Smart Innovation, Systems and Technologies, 2016, , 83-96.	0.6	24
18	Formalization of Knowledge Systems on the Basis of System Approach. Smart Innovation, Systems and Technologies, 2015, , 371-381.	0.6	10