William Steingartner

List of Publications by Year
in descending order

39 papers	**223** citations	1163117 **8** h-index	1199594 **12** g-index
39 all docs	**39** docs citations	**39** times ranked	**80** citing authors

#	Article	IF	Citations
1	Threat Defense: Cyber Deception Approach and Education for Resilience in Hybrid Threats Model. Symmetry, 2021, 13, 597.	2.2	30
2	Cyber Threats and Cyber Deception in Hybrid Warfare. Acta Polytechnica Hungarica, 2021, 18, 25-45.	2.9	16
3	A Novel Categorical Approach to Semantics of Relational First-Order Logic. Symmetry, 2020, 12, 1584.	2.2	15
4	Some innovations of teaching the course on Data structures and algorithms. , 2019, , .		14
5	DIGITAL INTELLIGENCE - NEW CONCEPT IN CONTEXT OF FUTURE OF SCHOOL EDUCATION. , 2017, , .		14
6	Coalgebras for modelling observable behaviour of programs. Journal of Applied Mathematics and Computational Mechanics, 2017, 16, 145-157.	0.7	13
7	Combining cybersecurity and cyber defense to achieve cyber resilience. , 2017, , .		12
8	Some properties of coalgebras and their rÃ1e in computer science. Journal of Applied Mathematics and Computational Mechanics, 2016, 15, 145-156.	0.7	12
9	Categorical model of structural operational semantics for imperative language. Journal of Information and Organizational Sciences, 2016, 40, 203-219.	0.3	11
10	New Approach to Categorical Semantics for Procedural Languages. Computing and Informatics, 2017, 36, 1385-1414.	0.7	9
11	A new approach to semantics of procedures in categorical terms. , 2015, , .		8
12	Software support for course in semantics of programming languages. , 2017, , .		8
13	Cyber Rapid Response Team: An Option within Hybrid Threats. , 2019, , .		8
14	An Analysis of Some Aspects of Component-Based Programming for Selecting Appropriate Categorical Structures as their Models. Acta Electrotechnica Et Informatica, 2017, 17, 3-10.	0.3	8
15	The rÃ1e of categorical structures in infinitesimal calculus. Journal of Applied Mathematics and Computational Mechanics, 2013, 12, 107-119.	0.7	5
16	Coalgebraic Operational Semantics for an Imperative Language. Computing and Informatics, 2019, 38, 1181-1209.	0.7	5
17	Researching computing teachers' attitudes towards changes in the curriculum content â€" An innovative approach or resistance?. , 2017, , .		4
18	Software visualization of natural semantics of imperative languages - a teaching tool. , 2019, , .		4

#	Article	IF	Citations
19	Experimental Performance Evaluation of Enhanced User Interaction Components for Web-Based Collaborative Extended Reality. Applied Sciences (Switzerland), 2021, 11, 3811.	2.5	4
20	On some innovations in teaching the formal semantics using software tools. Open Computer Science, 2021, 11, 2-11.	1.7	4
21	Natural Semantics for Domain-Specific Language. Communications in Computer and Information Science, 2021, , 181-192.	0.5	3
22	Learning software for handling the mathematical expressions. Journal of Applied Mathematics and Computational Mechanics, 2018, 17, 77-91.	0.7	3
23	Categorical structures as expressing tool for differential calculus. Open Computer Science, 2014, 4, .	1.7	2
24	Compiler Module of Abstract Machine Code for Formal Semantics Course. , 2021, , .		2
25	Formal Model of IDS Based on BDI Logic. Mathematics, 2021, 9, 2290.	2.2	2
26	Support for online teaching of the Semantics of Programming Languages course using interactive software tools. , 2020, , .		2
27	Benchmark of software developed in different component models. , 2019, , .		1
28	Domain Usability Evaluation. Electronics (Switzerland), 2021, 10, 1963.	3.1	1
29	DASHBOARDS - EFFECTIVE INSTRUMENT OF DECISION IN SYNERGY WITH SOFTWARE SUPPORT. Polish Journal of Management Studies, 2020, 22, 565-582.	0.9	1
30	Use of Internet Social Networks in Academic Environment. Journal of Information and Organizational Sciences, 2020, 44, 275-295.	0.3	1
31	The visualization of a graph semantics of imperative languages. Politehnika, 2021, 5, 7-14.	0.2	1
32	Selected Papers from the International Scientific Conference INFORMATICSâ€™2011. Open Computer Science, 2012, 2, .	1.7	0
33	Command and control information systems semantic interoperability using a canonical messaging approach. Open Computer Science, 2012, 2, .	1.7	0
34	Selected papers from the International Scientific Conference INFORMATICSâ€™2013 â€" part I. Open Computer Science, 2014, 4, .	1.7	0
35	Selected papers from the International Scientific Conference INFORMATICSâ€™2013 â€" part II. Open Computer Science, 2014, 4, .	1.7	0
36	A denotational semantics of a concatenative/compositional programming language. Acta Polytechnica Hungarica, 2021, 18, 231-250.	2.9	0

#	Article	IF	Citations
37	Preface to Special Issue â€œInformatics 2019â€. Open Computer Science, 2021, 11, 1-1.	1.7	0
38	Software tool for supporting the experiential teaching of selected methods of formal semantics. , 2021, , .		0
39	Categorical semantics of programming languages. , 0, , 167-192.		0