Andrzej Tarlecki

List of Publications by Year
in descending order

72 papers	1,922 citations	304602 22 h-index	265120 42 g-index
79 all docs	79 docs citations	79 times ranked	276 citing authors

#	Article	IF	Citations
1	On Normal Forms for Structured Specifications with Generating Constraints. Lecture Notes in Computer Science, 2018, , 266-284.	1.0	0
2	Specification refinements: Calculi, tools, and applications. Science of Computer Programming, 2017, 144, 1-49.	1.5	2
3	Modularity of Ontologies in an Arbitrary Institution. Lecture Notes in Computer Science, 2015, , 361-379.	1.0	2
4	The Foundational Legacy of ASL. Lecture Notes in Computer Science, 2015, , 253-272.	1.0	0
5	The Institution-Theoretic Scope of Logic Theorems. Logica Universalis, 2014, 8, 393-406.	0.1	1
6	RÄƒzvan Diaconescu, Institution-independent Model Theory. Studia Logica, 2014, 102, 225-229.	0.4	1
7	Property-oriented semantics of structured specifications. Mathematical Structures in Computer Science, 2014, 24, .	0.5	4
8	Parchments for CafeOBJ Logics. Lecture Notes in Computer Science, 2014, , 66-91.	1.0	1
9	A Relatively Complete Calculus for Structured Heterogeneous Specifications. Lecture Notes in Computer Science, 2014, , 441-456.	1.0	4
10	Testing of Evolving Protocols. , 2012, , .		0
11	Foundations of Algebraic Specification and Formal Software Development. Monographs in Theoretical Computer Science, 2012, , .	0.6	127
12	What is a Logic Translation?. Logica Universalis, 2009, 3, 95-124.	0.1	31
13	Heterogeneous Logical Environments for Distributed Specifications. Lecture Notes in Computer Science, 2009, , 266-289.	1.0	16
14	Observational interpretation of Casl specifications. Mathematical Structures in Computer Science, 2008, 18, .	0.5	9
15	A Heterogeneous Approach to UML Semantics. Lecture Notes in Computer Science, 2008, , 383-402.	1.0	33
16	Observability Concepts in Abstract Data Type Specification, 30 Years Later. Lecture Notes in Computer Science, 2008, , 593-617.	1.0	1
17	What is a Logic?. , 2007, , 111-133.		19
18	Toward Specifications for Reconfigurable Component Systems. , 2007, , 24-28.		2

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19	Horizontal Composability Revisited. Lecture Notes in Computer Science, 2006, , 296-316.	1.0	2
20	What is a Logic?. , 2005, , 113-133.		14
21	Amalgamation in the semantics of CASL. Theoretical Computer Science, 2005, 331, 215-247.	0.5	13
22	A Simple Refinement Language for Casl. Lecture Notes in Computer Science, 2005, , 162-185.	1.0	10
23	Toward Component-Oriented Formal Software Development: An Algebraic Approach. Lecture Notes in Computer Science, 2004, , 75-90.	1.0	2
24	Architectural Specifications in CASL. Formal Aspects of Computing, 2002, 13, 252-273.	1.4	26
25	CASL: the Common Algebraic Specification Language. Theoretical Computer Science, 2002, 286, 153-196.	0.5	129
26	Global Development via Local Observational Construction Steps. Lecture Notes in Computer Science, 2002, , 1-24.	1.0	4
27	First-Order Specifications of Programmable Data Types. SIAM Journal on Computing, 2001, 30, 2084-2096.	0.8	1
28	Semantics of Architectural Specifications in Casl. Lecture Notes in Computer Science, 2001, , 253-268.	1.0	13
29	Amalgamation in CASL via Enriched Signatures. Lecture Notes in Computer Science, 2001, , 993-1004.	1.0	6
30	Constructive Data Refinement in Typed Lambda Calculus. Lecture Notes in Computer Science, 2000, , 161-176.	1.0	10
31	Combining and representing logical systems using model-theoretic parchments. Lecture Notes in Computer Science, 1998, , 349-364.	1.0	19
32	Combining and representing logical systems. Lecture Notes in Computer Science, 1997, , 177-196.	1.0	18
33	Essential concepts of algebraic specification and program development. Formal Aspects of Computing, 1997, 9, 229-269.	1.4	78
34	The definition of Extended ML: A gentle introduction. Theoretical Computer Science, 1997, 173, 445-484.	0.5	59
35	Mind the gap! Abstract versus concrete models of specifications. Lecture Notes in Computer Science, 1996, , 114-134.	1.0	3
36	Moving between logical systems. Lecture Notes in Computer Science, 1996, , 478-502.	1.0	69

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37	Interfaces and extended ML. , 1994, , .		0
38	Structured theory presentations and logic representations. Annals of Pure and Applied Logic, 1994, 67, 113-160.	0.3	41
39	Interfaces and extended ML. ACM SIGPLAN Notices, 1994, 29, 111-118.	0.2	0
40	The Semantics of Extended ML: A Gentle Introduction. Workshops in Computing, 1994, , 186-215.	0.4	3
41	Algebraic specification and formal methods for program development: what are the real problems?. , 1993, , 115-120.		3
42	Toward formal development of programs from algebraic specifications: Parameterisation revisited. Acta Informatica, 1992, 29, 689-736.	0.5	64
43	Modules for a model-oriented specification language: A proposal for metasoft. Lecture Notes in Computer Science, 1992, , 451-472.	1.0	0
44	Some fundamental algebraic tools for the semantics of computation: Part 3. indexed categories. Theoretical Computer Science, 1991, 91, 239-264.	0.5	80
45	On conservative extensions of syntax in system development. Theoretical Computer Science, 1991, 90, 209-233.	0.5	3
46	A kernel specification formalism with higher-order parameterisation. Lecture Notes in Computer Science, 1991, , 274-296.	1.0	7
47	Extended ML: Past, present and future. Lecture Notes in Computer Science, 1991, , 297-322.	1.0	18
48	A Three-Valued Logic for Software Specification and Validation. Tertium tamen datur. Fundamenta Informaticae, 1991, 14, 411-453.	0.3	13
49	A naive domain universe for VDM. Lecture Notes in Computer Science, 1990, , 552-579.	1.0	6
50	Logic representation in LF. Lecture Notes in Computer Science, 1989, , 250-272.	1.0	9
51	Toward formal development of ML programs: Foundations and methodology. Lecture Notes in Computer Science, 1989, , 375-389.	1.0	29
52	Toward formal development of programs from algebraic specifications: Implementations revisited. Acta Informatica, 1988, 25, 233.	0.5	133
53	Specifications in an arbitrary institution. Information and Computation, 1988, 76, 165-210.	0.5	161
54	Existence, Uniqueness, and Construction of Rewrite Systems. SIAM Journal on Computing, 1988, 17, 629-639.	0.8	21

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55	A three-valued logic for software specification and validation. Lecture Notes in Computer Science, 1988, , 218-242.	1.0	26
56	Algebraic specifications of reachable higher-order algebras. Lecture Notes in Computer Science, 1988, , 154-169.	1.0	19
57	Toward formal development of programs from algebraic specifications: Implementations revisited. Acta Informatica, 1988, 25, 233-281.	0.5	18
58	Algebraic specification with built-in domain constructions. Lecture Notes in Computer Science, 1988, , 132-148.	1.0	10
59	On observational equivalence and algebraic specification. Journal of Computer and System Sciences, 1987, 34, 150-178.	0.9	96
60	Toward formal development of programs from algebraic specifications: Implementations revisited. Lecture Notes in Computer Science, 1987, , 96-110.	1.0	18
61	Quasi-varieties in abstract algebraic institutions. Journal of Computer and System Sciences, 1986, 33, 333-360.	0.9	69
62	Bits and pieces of the theory of institutions. Lecture Notes in Computer Science, 1986, , 334-363.	1.0	54
63	Extended ML: An institution-independent framework for formal program development. Lecture Notes in Computer Science, 1986, , 364-389.	1.0	34
64	Continuous Abstract Data Types. Fundamenta Informaticae, 1986, 9, 95-125.	0.3	17
65	A language of specified programs. Science of Computer Programming, 1985, 5, 59-81.	1.5	11
66	On the existence of free models in abstract algebraic institutions. Theoretical Computer Science, 1985, 37, 269-304.	0.5	80
67	Continuous abstract data types: Basic machinery and results. , 1985, , 431-441.		1
68	Program specification and development in standard ML. , 1985, , .		29
69	On observational equivalence and algebraic specification. Lecture Notes in Computer Science, 1985, , 308-322.	1.0	20
70	Some Thoughts on Algebraic Specification. Informatik-Fachberichte, 1985, , 31-38.	0.2	5
71	Free constructions in algebraic institutions. , 1984, , 526-534.		8
72	Building specifications in an arbitrary institution. Lecture Notes in Computer Science, 1984, , 337-356.	1.0	26