Dimiter Vakarelov

List of Publications by Year
in descending order

30 papers	470 citations	1040056 9 h-index	794594 19 g-index
32 all docs	32 docs citations	32 times ranked	121 citing authors

#	Article	IF	Citations
1	A Modal Logic for Similarity Relations in Pawlak Knowledge Representation Systems. Fundamenta Informaticae, 1991, 15, 61-79.	0.4	74
2	Elementary canonical formulae: extending Sahlqvist's theorem. Annals of Pure and Applied Logic, 2006, 141, 180-217.	0.5	49
3	Region–based theory of discrete spaces: A proximity approach. Annals of Mathematics and Artificial Intelligence, 2007, 49, 5-14.	1.3	48
4	A Proximity Approach to Some Region-Based Theories of Space. Journal of Applied Non-Classical Logics, 2002, 12, 527-559.	0.5	47
5	Algorithmic correspondence and completeness in modal logic. I. The core algorithm SQEMA. Logical Methods in Computer Science, 2006, 2, .	0.4	44
6	Region-Based Theory of Space: Algebras of Regions, Representation Theory, and Logics. , 2007, , 267-348.		32
7	A note on proximity spaces and connection based mereology. , 2001, , .		18
8	PDL with intersection of programs: a complete axiomatization. Journal of Applied Non-Classical Logics, 2003, 13, 231-276.	0.5	18
9	A duality between Pawlak's knowledge representation systems and bi-consequence systems. Studia Logica, 1995, 55, 205-228.	0.6	17
10	Nelson's Negation on the Base of Weaker Versions of Intuitionistic Negation. Studia Logica, 2005, 80, 393-430.	0.6	15
11	Sahlqvist Formulas Unleashed in Polyadic Modal Languages. , 2002, , 221-240.		11
12	Topological Representation of Precontact Algebras. Lecture Notes in Computer Science, 2006, , 1-16.	1.3	11
13	Distributive contact lattices: Topological representations. The Journal of Logic and Algebraic Programming, 2008, 76, 18-34.	1.4	10
14	Dynamic Mereotopology: A Point-free Theory of Changing Regions. I. Stable and unstable mereotopological relations. Fundamenta Informaticae, 2010, 100, 159-180.	0.4	10
15	Intuitive semantics for some three-valued logics connected with information, contrariety and subcontrariety. Studia Logica, 1989, 48, 565-575.	0.6	9
16	Topological Representation of Contact Lattices. Lecture Notes in Computer Science, 2006, , 135-147.	1.3	9
17	Dynamic logics of the region-based theory of discrete spaces. Journal of Applied Non-Classical Logics, 2007, 17, 39-61.	0.5	8
18	Distributive mereotopology: extended distributive contact lattices. Annals of Mathematics and Artificial Intelligence, 2016, 77, 3-41.	1.3	7

#	Article	IF	Citations
19	A System of Relational Syllogistic Incorporating Full Boolean Reasoning. Journal of Logic, Language and Information, 2012, 21, 433-459.	0.6	6
20	Topological representation of precontact algebras and a connected version of the Stone Duality Theorem â€" I. Topology and Its Applications, 2017, 227, 64-101.	0.4	6
21	Hyperboolean Algebras and Hyperboolean Modal Logic. Journal of Applied Non-Classical Logics, 1999, 9, 345-368.	0.5	4
22	Modal Logics for Local and Global Similarity Relations. Fundamenta Informaticae, 1997, 31, 295-304.	0.4	3
23	On Scott Consequence Systems. Fundamenta Informaticae, 1998, 33, 43-70.	0.4	3
24	A mereotopology based on sequent algebras. Journal of Applied Non-Classical Logics, 2017, 27, 342-364.	0.5	3
25	Inductive Modal Logics1. Fundamenta Informaticae, 1992, 16, 383-405.	0.4	3
26	Many-dimensional arrow logics. Journal of Applied Non-Classical Logics, 1996, 6, 303-345.	0.5	2
27	Mereotopologies with Predicates of Actual Existence and Actual Contact. Fundamenta Informaticae, 2017, 156, 413-432.	0.4	2
28	Maarten Marx and Yde Venema. Multi-dimensional modal logic. Applied logic series, vol. 4. Kluwer Academic Publishers, Dordrecht, Boston, and London, 1997, xiii + 239 pp.. Bulletin of Symbolic Logic, 2000, 6, 490-495.	0.2	0
29	Algorithmic Definability and Completeness in Modal Logic. Lecture Notes in Computer Science, 2010, , 6-8.	1.3	0
30	Modal Syllogistic. Outstanding Contributions To Logic, 2018, , 283-312.	0.3	0