

Daniele Mundici

List of Publications by Year in descending order

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71
papers

2,513
citations

430754

18
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197736

49
g-index

80
all docs

80
docs citations

80
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	The read once formula of a seriesâ€“parallel network. <i>Discrete Applied Mathematics</i> , 2022, 320, 304-310.	0.5	0
2	Consequence Relations with Real Truth Values. <i>Outstanding Contributions To Logic</i> , 2021, , 249-264.	0.2	0
3	Rota's Fubini lectures: The first problem. <i>Advances in Applied Mathematics</i> , 2021, 125, 102153.	0.4	0
4	Bratteli diagrams via the De Conciniâ€“Procesi theorem. <i>Communications in Contemporary Mathematics</i> , 2021, 23, .	0.6	3
5	WHAT THE ÅUKASIEWICZ AXIOMS MEAN. <i>Journal of Symbolic Logic</i> , 2020, 85, 906-917.	0.4	3
6	Complete and computable orbit invariants in the geometry of the affine group over the integers. <i>Annali Di Matematica Pura Ed Applicata</i> , 2020, 199, 1843-1871.	0.5	0
7	Betting on continuous independent events. <i>Soft Computing</i> , 2019, 23, 2289-2295.	2.1	1
8	Triangles in diophantine approximation. <i>Journal of Number Theory</i> , 2019, 201, 176-189.	0.2	0
9	De Finetti coherence and the product law for independent events. <i>SynthÃˆse</i> , 2019, 196, 265-271.	0.6	4
10	Recognizing free generating sets of ℓ -groups. <i>Algebra Universalis</i> , 2018, 79, 1.	0.2	1
11	Word problems in Elliott monoids. <i>Advances in Mathematics</i> , 2018, 335, 343-371.	0.5	8
12	Coherence of the Product Law for Independent Continuous Events. <i>Trends in Logic</i> , 2018, , 207-212.	0.2	0
13	Geminal theories in Åukasiewicz logic. <i>Annals of Pure and Applied Logic</i> , 2017, 168, 1132-1151.	0.3	0
14	Classifying orbits of the affine group over the integers. <i>Ergodic Theory and Dynamical Systems</i> , 2017, 37, 440-453.	0.4	10
15	Coherence of de Finetti coherence. <i>SynthÃˆse</i> , 2017, 194, 4055-4063.	0.6	4
16	Idempotent endomorphisms of free MV-algebras and unital ℓ -groups. <i>Journal of Pure and Applied Algebra</i> , 2017, 221, 908-934.	0.3	1
17	Fans, decision problems and generators of free abelian ℓ -groups. <i>Forum Mathematicum</i> , 2017, 29, .	0.3	3
18	Polyhedral MV-algebras. <i>Fuzzy Sets and Systems</i> , 2016, 292, 150-159.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Hopfian ℓ -groups, MV-algebras and AF- \mathcal{C}^* -algebras. Forum Mathematicum, 2016, 28, .	0.3	4
20	Classifying $GL(n, \mathbb{Z})$ -orbits of points and rational subspaces. Discrete and Continuous Dynamical Systems, 2016, 36, 4723-4738.	0.5	1
21	A Geometric Approach to MV-Algebras. Studies in Fuzziness and Soft Computing, 2016, , 57-70.	0.6	1
22	Severi's Bouligand tangents, Frenet frames and Riesz spaces. Advances in Applied Mathematics, 2015, 64, 1-20.	0.4	3
23	The Differential Semantics of Łukasiewicz Syntactic Consequence. Outstanding Contributions To Logic, 2015, , 143-157.	0.2	3
24	Invariant Measure Under the Affine Group Over. Combinatorics Probability and Computing, 2014, 23, 248-268.	0.8	8
25	Universal Properties of Łukasiewicz Consequence. Logica Universalis, 2014, 8, 17-24.	0.1	1
26	The Euler characteristic and valuations on MV-algebras. Mathematica Slovaca, 2014, 64, .	0.3	0
27	Interval MV-algebras and generalizations. International Journal of Approximate Reasoning, 2014, 55, 1623-1642.	1.9	3
28	Bouligand's Severi tangents in MV-algebras. Revista Matematica Iberoamericana, 2014, 30, 191-201.	0.4	7
29	Confluence and combinatorics in finitely generated unital lattice-ordered abelian groups. Forum Mathematicum, 2012, 24, .	0.3	6
30	RATIONAL POLYHEDRA AND PROJECTIVE LATTICE-ORDERED ABELIAN GROUPS WITH ORDER UNIT. Communications in Contemporary Mathematics, 2012, 14, 1250017.	0.6	13
31	Finitely presented lattice-ordered abelian groups with order-unit. Journal of Algebra, 2011, 343, 1-10.	0.4	7
32	Finite axiomatizability in Łukasiewicz logic. Annals of Pure and Applied Logic, 2011, 162, 1035-1047.	0.3	4
33	From free abelian groups to free abelian $\hat{\ast}$ -groups. Mathematica Slovaca, 2011, 61, .	0.3	1
34	Consequence and Interpolation in Łukasiewicz Logic. Studia Logica, 2011, 99, 269-278.	0.4	3
35	Revisiting the Farey AF Algebra. Milan Journal of Mathematics, 2011, 79, 643-656.	0.7	7
36	Interpretation of De Finetti coherence criterion in Łukasiewicz Logic. Annals of Pure and Applied Logic, 2009, 161, 235-245.	0.3	11

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37	Projective MV-algebras and rational polyhedra. Algebra Universalis, 2009, 62, 63-74.	0.2	13
38	Rota, Probability, Algebra and Logic. , 2009, , 167-181.		0
39	Faithful and Invariant Conditional Probability in \mathcal{A} ukasiewicz Logic. , 2009, , 213-232.		4
40	Many-Valued Logic and Cognition: Foreword. Studia Logica, 2008, 90, 1-2.	0.4	0
41	$\mathcal{G}\mathcal{A}$ del incompleteness in AF C^* -algebras. Forum Mathematicum, 2008, 20, .	0.3	7
42	The Haar theorem for lattice-ordered abelian groups with order-unit. Discrete and Continuous Dynamical Systems, 2008, 21, 537-549.	0.5	24
43	Lattice-ordered Abelian groups and Schauder bases of unimodular fans. Transactions of the American Mathematical Society, 2007, 359, 1593-1604.	0.5	13
44	The Lebesgue state of a unital abelian lattice-ordered group. Journal of Group Theory, 2007, 10, .	0.2	26
45	Geometry of Robinson consistency in \mathcal{A} ukasiewicz logic. Annals of Pure and Applied Logic, 2007, 147, 1-22.	0.3	20
46	De Finetti theorem and Borel states in $[0,1]$ -valued algebraic logic. International Journal of Approximate Reasoning, 2007, 46, 605-616.	1.9	64
47	$\mathcal{G}\mathcal{A}$ del incompleteness in AF C^* -algebras. Forum Mathematicum, 2008, 20, .	0.3	5
48	Free generating sets of lattice-ordered abelian groups. Journal of Pure and Applied Algebra, 2007, 211, 400-403.	0.3	3
49	Bookmaking over infinite-valued events. International Journal of Approximate Reasoning, 2006, 43, 223-240.	1.9	64
50	A Characterization of the free n -generated MV-algebra. Archive for Mathematical Logic, 2006, 45, 239-247.	0.2	7
51	MV-algebras: a variety for magnitudes with archimedean units. Algebra Universalis, 2005, 53, 7-43.	0.2	35
52	Extending Stone duality to multisets and locally finite MV-algebras. Journal of Pure and Applied Algebra, 2004, 189, 37-59.	0.3	37
53	Simple Bratteli diagrams with a $\mathcal{G}\mathcal{A}$ del-incomplete C^* -equivalence problem. Transactions of the American Mathematical Society, 2003, 356, 1937-1955.	0.5	15
54	MV-Algebras and Abelian l-Groups: a Fruitful Interaction. Developments in Mathematics, 2002, , 57-88.	0.2	6

#	ARTICLE	IF	CITATIONS
55	Probability on MV-Algebras. , 2002, , 869-909.		50
56	Decidable and undecidable prime theories in infinite-valued logic. Annals of Pure and Applied Logic, 2001, 108, 269-278.	0.3	12
57	Many-Valued Points And Equality. Synth \hat{A} se, 2000, 125, 97-101.	0.6	1
58	Algebraic Foundations of Many-Valued Reasoning. Trends in Logic, 2000, , .	0.2	700
59	Basic notions. Trends in Logic, 2000, , 7-30.	0.2	69
60	Tensor Products and the Loomis \hat{A} Sikorski Theorem for MV-Algebras. Advances in Applied Mathematics, 1999, 22, 227-248.	0.4	91
61	An Elementary Presentation of the Equivalence Between MV-algebras and l-groups With Strong Unit. Studia Logica, 1998, 61, 49-64.	0.4	10
62	An Elementary Proof of Chang's Completeness Theorem for the Infinite-valued Calculus of Lukasiewicz. Studia Logica, 1997, 58, 79-97.	0.4	29
63	Averaging the truth-value in \hat{A} ukasiewicz logic. Studia Logica, 1995, 55, 113-127.	0.4	230
64	A constructive proof of McNaughton's theorem in infinite-valued logic. Journal of Symbolic Logic, 1994, 59, 596-602.	0.4	70
65	Logic of infinite quantum systems. International Journal of Theoretical Physics, 1993, 32, 1941-1955.	0.5	26
66	Ulam Games, \hat{A} ukasiewicz Logic, and AF C*-Algebras. Fundamenta Informaticae, 1993, 18, 151-161.	0.3	27
67	Farey stellar subdivisions, ultrasimplicial groups, and KO of AF C \hat{A} —algebras. Advances in Mathematics, 1988, 68, 23-39.	0.5	50
68	Free products in the category of abelian l-groups with strong unit. Journal of Algebra, 1988, 113, 89-109.	0.4	41
69	Interpretation of AF C \hat{A} —algebras in \hat{A} ukasiewicz sentential calculus. Journal of Functional Analysis, 1986, 65, 15-63.	0.7	616
70	Compactness, interpolation and Friedman's third problem. Annals of Mathematical Logic, 1982, 22, 197-211.	0.7	7
71	\hat{A} ukasiewicz Logic and Approximately Finite-Dimensional C*-Algebras. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 358, .	0.8	0