

Peter Michael Schuster

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic evaluation of integrity and the computational content of Krull's lemma. Journal of Pure and Applied Algebra, 2022, 226, 106794.	0.6	3
2	The Jacobson radical for an inconsistency predicate. Computability, 2022, 11, 147-162.	0.3	2
3	A universal algorithm for Krull's theorem. Information and Computation, 2021, , 104761.	0.7	4
4	On Scott's semantics for many-valued logic. Journal of Logic and Computation, 2020, 30, 1291-1302.	0.8	0
5	Resolving finite indeterminacy. , 2020, , .		6
6	The Computational Significance of Hausdorff's Maximal Chain Principle. Lecture Notes in Computer Science, 2020, , 239-250.	1.3	3
7	Some forms of excluded middle for linear orders. Mathematical Logic Quarterly, 2019, 65, 105-107.	0.2	0
8	Preface for the special issue of Proof, Structure, and Computation 2014. Journal of Logic and Computation, 2019, 29, 417-418.	0.8	0
9	An Algorithmic Approach to the Existence of Ideal Objects in Commutative Algebra. Lecture Notes in Computer Science, 2019, , 533-549.	1.3	5
10	Der Satz von Hahn-Banach per Disjunktionselimination. Confluentes Mathematici, 2019, 11, 79-93.	0.2	7
11	Eliminating disjunctions by disjunction elimination. Indagationes Mathematicae, 2018, 29, 226-259.	0.4	20
12	ELIMINATING DISJUNCTIONS BY DISJUNCTION ELIMINATION. Bulletin of Symbolic Logic, 2017, 23, 181-200.	0.2	19
13	Lindenbaum's Lemma via Open Induction. Philology, 2016, , 65-77.	0.2	4
14	A universal Krull-Lindenbaum theorem. Journal of Pure and Applied Algebra, 2016, 220, 3207-3232.	0.6	20
15	The Basic Zariski Topology. Confluentes Mathematici, 2015, 7, 55-81.	0.2	4
16	APPROXIMATING BEPPO LEVI'S PRINCIPIO DI APPROSSIMAZIONE. Bulletin of Symbolic Logic, 2014, 20, 141-169.	0.2	0
17	Constructing Gröbner bases for Noetherian rings. Mathematical Structures in Computer Science, 2014, 24, .	0.6	7
18	Are There Enough Injective Sets?. Studia Logica, 2013, 101, 467-482.	0.6	1

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19	A generalized cut characterization of the fullness axiom in CZF. <i>Logic Journal of the IGPL</i> , 2013, 21, 63-76.	1.5	0
20	Induction in Algebra: a First Case Study. <i>Logical Methods in Computer Science</i> , 2013, 9, .	0.4	16
21	The Kripke schema in metric topology. <i>Mathematical Logic Quarterly</i> , 2012, 58, 498-501.	0.2	3
22	Induction in Algebra: A First Case Study. , 2012, , .		15
23	A Direct Proof of Wiener's Theorem. <i>Lecture Notes in Computer Science</i> , 2012, , 293-302.	1.3	2
24	The Gröbner ring conjecture in one variable. <i>Mathematische Zeitschrift</i> , 2012, 270, 1181-1185.	0.9	20
25	A predicative completion of a uniform space. <i>Annals of Pure and Applied Logic</i> , 2012, 163, 975-980.	0.5	2
26	On the contrapositive of countable choice. <i>Archive for Mathematical Logic</i> , 2011, 50, 137-143.	0.3	1
27	Noetherian orders. <i>Mathematical Structures in Computer Science</i> , 2011, 21, 111-124.	0.6	14
28	Kronecker's density theorem and irrational numbers in constructive reverse mathematics. <i>Mathematische Semesterberichte</i> , 2010, 57, 57-72.	0.2	2
29	Problems, solutions, and completions. <i>The Journal of Logic and Algebraic Programming</i> , 2010, 79, 84-91.	1.4	4
30	Spectral schemes as ringed lattices. <i>Annals of Mathematics and Artificial Intelligence</i> , 2009, 56, 339-360.	1.3	5
31	Dini's Theorem in the Light of Reverse Mathematics. <i>Synthese Library</i> , 2009, , 153-166.	0.2	6
32	Editorial: <i>Math. Log. Quart.</i> 1/2008. <i>Mathematical Logic Quarterly</i> , 2008, 54, 4-4.	0.2	0
33	Apartness, compactness and nearness. <i>Theoretical Computer Science</i> , 2008, 405, 3-10.	0.9	4
34	The Zariski spectrum as a formal geometry. <i>Theoretical Computer Science</i> , 2008, 405, 101-115.	0.9	5
35	A continuity principle, a version of Baire's theorem and a boundedness principle. <i>Journal of Symbolic Logic</i> , 2008, 73, 1354-1360.	0.5	6
36	Spatiality for formal topologies. <i>Mathematical Structures in Computer Science</i> , 2007, 17, 65-80.	0.6	13

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37	Corrigendum to "Unique solutions" Mathematical Logic Quarterly, 2007, 53, 214-214.	0.2	3
38	Binary Refinement Implies Discrete Exponentiation. Studia Logica, 2007, 84, 361-368.	0.6	7
39	Almost locatedness in uniform spaces. Czechoslovak Mathematical Journal, 2007, 57, 1-12.	0.3	1
40	The shrinking principle and the axiom of choice. Monatshefte Fur Mathematik, 2007, 151, 263-270.	0.9	4
41	Problems as Solutions. Lecture Notes in Computer Science, 2007, , 676-684.	1.3	1
42	A simple constructive proof of Kronecker's Density Theorem. Elemente Der Mathematik, 2006, 61, 152-154.	0.1	6
43	Classifying Dini's Theorem. Notre Dame Journal of Formal Logic, 2006, 47, 253.	0.4	7
44	Formal Zariski topology: Positivity and points. Annals of Pure and Applied Logic, 2006, 137, 317-359.	0.5	14
45	Ideals in constructive Banach algebra theory. Journal of Complexity, 2006, 22, 729-737.	1.3	2
46	Quasi-apartness and neighbourhood spaces. Annals of Pure and Applied Logic, 2006, 141, 296-306.	0.5	10
47	Unique solutions. Mathematical Logic Quarterly, 2006, 52, 534-539.	0.2	11
48	Do Noetherian Modules Have Noetherian Basis Functions?. Lecture Notes in Computer Science, 2006, , 481-489.	1.3	3
49	The fan theorem and unique existence of maxima. Journal of Symbolic Logic, 2006, 71, 713-720.	0.5	20
50	A nilregular element property. Archiv Der Mathematik, 2005, 85, 49-54.	0.5	11
51	Strong continuity implies uniform sequential continuity. Archive for Mathematical Logic, 2005, 44, 887-895.	0.3	17
52	On constructing completions. Journal of Symbolic Logic, 2005, 70, 969-978.	0.5	12
53	Compactness under constructive scrutiny. Mathematical Logic Quarterly, 2004, 50, 540-550.	0.2	15
54	Unique existence, approximate solutions, and countable choice. Theoretical Computer Science, 2003, 305, 433-455.	0.9	12

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55	Strong Versus Uniform Continuity: A Constructive Round. <i>Quaestiones Mathematicae</i> , 2003, 26, 171-190.	0.6	3
56	The polydisk nullstellensatz. <i>Proceedings of the American Mathematical Society</i> , 2003, 132, 2133-2140.	0.8	5
57	A Constructive Uniform Continuity Theorem. <i>Quarterly Journal of Mathematics</i> , 2002, 53, 185-193.	0.8	7
58	Apartness, Topology, and Uniformity: a Constructive View. <i>Mathematical Logic Quarterly</i> , 2002, 48, 16-28.	0.2	9
59	Compactness and Continuity, Constructively Revisited. <i>Lecture Notes in Computer Science</i> , 2002, , 89-102.	1.3	7
60	Apartness as a Relation Between Subsets. , 2001, , 203-214.		15
61	Too simple solutions of hard problems. <i>Nordic Journal of Philosophical Logic</i> , 2001, 6, 138-146.	0.1	0
62	A weak countable choice principle. <i>Proceedings of the American Mathematical Society</i> , 2000, 128, 2749-2752.	0.8	21
63	A Constructive Look at Generalised Cauchy Reals. <i>Mathematical Logic Quarterly</i> , 2000, 46, 125-134.	0.2	11
64	Elementary Choiceless Constructive Analysis. <i>Lecture Notes in Computer Science</i> , 2000, , 512-526.	1.3	5
65	Linear independence without choice. <i>Annals of Pure and Applied Logic</i> , 1999, 101, 95-102.	0.5	5
66	A very weak Nullstellensatz over Heyting fields. <i>Indagationes Mathematicae</i> , 1999, 10, 117-122.	0.4	0
67	The moduli of substructures of a compact complex space. <i>Proceedings of the American Mathematical Society</i> , 1998, 126, 1983-1987.	0.8	0
68	Identifying variable points on a smooth curve. <i>Manuscripta Mathematica</i> , 1997, 94, 195-210.	0.6	1
69	Finite Methods in Mathematical Practice. , 0, , .		7
70	Uniqueness, continuity and the existence of implicit functions in constructive analysis. <i>LMS Journal of Computation and Mathematics</i> , 0, 14, 127-136.	0.9	2
71	Unique paths as formal points. <i>Journal of Logic and Analysis</i> , 0, , 1-9.	0.5	1
72	A General Glivenko-Gödel Theorem for Nuclei. <i>Electronic Proceedings in Theoretical Computer Science</i> , EPTCS, 0, 351, 51-66.	0.8	0

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73	The Jacobson Radical of a Propositional Theory. Bulletin of Symbolic Logic, 0, , 1-20.	0.2	2