

# James H Schmerl

## List of Publications by Year in descending order

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44  
papers

194  
citations

1478505

6  
h-index

1474206

9  
g-index

45  
all docs

45  
docs citations

45  
times ranked

45  
citing authors

#	ARTICLE	IF	CITATIONS
1	Countable partitions of Euclidean space. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1996, 120, 07-12.	0.4	13
2	Making the hyperreal line both saturated and complete. <i>Journal of Symbolic Logic</i> , 1991, 56, 1016-1025.	0.5	11
3	Models of Peano Arithmetic and a question of Sikorski on ordered fields. <i>Israel Journal of Mathematics</i> , 1985, 50, 145-159.	0.8	10
4	Avoidable algebraic subsets of Euclidean space. <i>Transactions of the American Mathematical Society</i> , 1999, 352, 2479-2489.	0.9	9
5	Coinductive $\aleph_0$ -categorical theories. <i>Journal of Symbolic Logic</i> , 1990, 55, 1130-1137.	0.5	8
6	Partitioning Euclidean space. <i>Discrete and Computational Geometry</i> , 1993, 10, 101-106.	0.6	8
7	Closed Normal Subgroups. <i>Mathematical Logic Quarterly</i> , 2001, 47, 489-492.	0.2	6
8	Remarks on weak notions of saturation in models of Peano arithmetic. <i>Journal of Symbolic Logic</i> , 1987, 52, 129-148.	0.5	5
9	Triangle-Free Partitions of Euclidean Space. <i>Bulletin of the London Mathematical Society</i> , 1994, 26, 483-486.	0.8	5
10	Fractional products of sets. <i>Random Structures and Algorithms</i> , 1995, 6, 113-119.	1.1	5
11	Automorphism groups of models of Peano arithmetic. <i>Journal of Symbolic Logic</i> , 2002, 67, 1249-1264.	0.5	5
12	Prime ideals in incidence algebras. <i>Communications in Algebra</i> , 1991, 19, 3011-3040.	0.6	4
13	The isomorphism property for nonstandard universes. <i>Journal of Symbolic Logic</i> , 1995, 60, 512-516.	0.5	4
14	Graph Coloring and Reverse Mathematics. <i>Mathematical Logic Quarterly</i> , 2000, 46, 543-548.	0.2	4
15	Planarity and minimal path algorithms. <i>Journal of the Australian Mathematical Society Series A Pure Mathematics and Statistics</i> , 1986, 40, 131-142.	0.3	3
16	Some highly saturated models of Peano arithmetic. <i>Journal of Symbolic Logic</i> , 2002, 67, 1265-1273.	0.5	3
17	Substructure lattices and almost minimal end extensions of models of Peano arithmetic. <i>Mathematical Logic Quarterly</i> , 2004, 50, 533-539.	0.2	3
18	Subsets coded in elementary end extensions. <i>Archive for Mathematical Logic</i> , 2014, 53, 571-581.	0.3	3

#	ARTICLE	IF	CITATIONS
19	Large resplendent models generated by indiscernibles. <i>Journal of Symbolic Logic</i> , 1989, 54, 1382-1388.	0.5	2
20	A note on the multiplicative semigroup of models of Peano arithmetic. <i>Journal of Symbolic Logic</i> , 1989, 54, 936-940.	0.5	2
21	Binary relational structures having only countably many nonisomorphic substructures. <i>Journal of Symbolic Logic</i> , 1991, 56, 876-884.	0.5	2
22	Infinite substructure lattices of models of Peano Arithmetic. <i>Journal of Symbolic Logic</i> , 2010, 75, 1366-1382.	0.5	2
23	A generalization of Sierpiński's paradoxical decompositions: Coloring semialgebraic grids. <i>Journal of Symbolic Logic</i> , 2012, 77, 1165-1183.	0.5	2
24	AUTOMORPHISM GROUPS OF SATURATED MODELS OF PEANO ARITHMETIC. <i>Journal of Symbolic Logic</i> , 2014, 79, 561-584.	0.5	2
25	Partially ordered sets and the independence property. <i>Journal of Symbolic Logic</i> , 1989, 54, 396-401.	0.5	1
26	A reflection principle and its applications to nonstandard models. <i>Journal of Symbolic Logic</i> , 1995, 60, 1137-1152.	0.5	1
27	Difference Sets and Recursion Theory. <i>Mathematical Logic Quarterly</i> , 1998, 44, 515-521.	0.2	1
28	Elementary extensions of models of set theory. <i>Archive for Mathematical Logic</i> , 2000, 39, 509-514.	0.3	1
29	Obstacles to Extending Mirsky's Theorem. <i>Order</i> , 2002, 19, 209-211.	0.5	1
30	A Note on Euclidean Ramsey Theory. <i>Discrete and Computational Geometry</i> , 2007, 38, 155-167.	0.6	1
31	Nondiversity in substructures. <i>Journal of Symbolic Logic</i> , 2008, 73, 193-211.	0.5	1
32	Reverse Mathematics and Grundy colorings of graphs. <i>Mathematical Logic Quarterly</i> , 2010, 56, 541-548.	0.2	1
33	GRAPHS ON EUCLIDEAN SPACES DEFINED USING TRANSCENDENTAL DISTANCES. <i>Mathematika</i> , 2012, 58, 1-9.	0.5	1
34	The automorphism group of a resplendent model. <i>Archive for Mathematical Logic</i> , 2012, 51, 647-649.	0.3	1
35	AUTOMORPHISM GROUPS OF COUNTABLE ARITHMETICALLY SATURATED MODELS OF PEANO ARITHMETIC. <i>Journal of Symbolic Logic</i> , 2015, 80, 1411-1434.	0.5	1
36	Chromatic numbers of algebraic hypergraphs. <i>Combinatorica</i> , 2017, 37, 1011-1026.	1.2	1

#	ARTICLE	IF	CITATIONS
37	A weakly definable type which is not definable. Archive for Mathematical Logic, 1993, 32, 463-468.	0.3	0
38	Partitioning large vector spaces. Journal of Symbolic Logic, 2003, 68, 1171-1180.	0.5	0
39	An Improvement to "A Note on Euclidean Ramsey Theory". Discrete and Computational Geometry, 2010, 43, 263-271.	0.6	0
40	Cofinal elementary extensions. Mathematical Logic Quarterly, 2014, 60, 12-20.	0.2	0
41	Minimal elementary end extensions. Archive for Mathematical Logic, 2017, 56, 541-553.	0.3	0
42	ACCEPTABLE COLORINGS OF INDEXED HYPERSPACES. Journal of Symbolic Logic, 2018, 83, 1644-1666.	0.5	0
43	DECIDING THE CHROMATIC NUMBERS OF ALGEBRAIC HYPERGRAPHS. Journal of Symbolic Logic, 2018, 83, 128-145.	0.5	0
44	CP-generic expansions of models of Peano Arithmetic. Mathematical Logic Quarterly, 0, , .	0.2	0