

# Frank Stephan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

246  
papers

1,508  
citations

19  
h-index

29  
g-index

259  
ext. papers

1,655  
ext. citations

0.8  
avg, IF

4.56  
L-index

#	Paper	IF	Citations
246	Learnability and positive equivalence relations. <i>Information and Computation</i> , <b>2022</b> , 104913	0.8	
245	On Trees Without Hyperimmune Branches. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 234-245	0.9	
244	On the amount of nonconstructivity in learning formal languages from text. <i>Information and Computation</i> , <b>2021</b> , 281, 104668	0.8	
243	Randomness and initial segment complexity for measures. <i>Theoretical Computer Science</i> , <b>2021</b> , 900, 1-1	1.1	
242	Learnability and Positive Equivalence Relations. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 145-156	0.9	
241	Computable irrational numbers with representations of surprising complexity. <i>Annals of Pure and Applied Logic</i> , <b>2021</b> , 172, 102893	0.7	1
240	Improved algorithms for the general exact satisfiability problem. <i>Theoretical Computer Science</i> , <b>2021</b> , 889, 60-84	1.1	
239	Learners based on transducers. <i>Information and Computation</i> , <b>2020</b> , 283, 104676	0.8	0
238	Deciding Parity Games in Quasi-polynomial Time. <i>SIAM Journal on Computing</i> , <b>2020</b> , STOC17-152-STOC17:188		2
237	Ordered Semiautomatic Rings with Applications to Geometry. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 141-153	0.9	
236	Searching for shortest and least programs. <i>Theoretical Computer Science</i> , <b>2020</b> , 807, 114-127	1.1	0
235	CHAITIN'S $\Omega$ AS A CONTINUOUS FUNCTION. <i>Journal of Symbolic Logic</i> , <b>2020</b> , 85, 486-510	0.4	
234	The isomorphism problem for tree-automatic ordinals with addition. <i>Information Processing Letters</i> , <b>2019</b> , 149, 19-24	0.8	
233	An ordered approach to solving parity games in quasi-polynomial time and quasi-linear space. <i>International Journal on Software Tools for Technology Transfer</i> , <b>2019</b> , 21, 325-349	1.3	5
232	Exact Satisfiability with Jokers. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 279-294	0.9	
231	Reductions between types of numberings. <i>Annals of Pure and Applied Logic</i> , <b>2019</b> , 170, 102716	0.7	6
230	Pumping, with or Without Choice. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 427-446	0.9	

229	The complexity of verbal languages over groups. <i>Journal of Computer and System Sciences</i> , <b>2019</b> , 101, 68-85		1
228	Implementing fragments of ZFC within an r.e. Universe. <i>Journal of Logic and Computation</i> , <b>2018</b> , 28, 1-32	0.4	
227	Learning pattern languages over groups. <i>Theoretical Computer Science</i> , <b>2018</b> , 742, 66-81		1.1 0
226	Limit-depth and DNR degrees. <i>Information Processing Letters</i> , <b>2018</b> , 135, 36-40		0.8 1
225	Learners Based on Transducers. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 169-181		0.9
224	On General Sum Approximations of Irrational Numbers. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 194-203	0.9	
223	On the Values for Factor Complexity. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 274-285		0.9 1
222	Finitely generated semiautomatic groups. <i>Computability</i> , <b>2018</b> , 7, 273-287		0.5 1
221	Equivalences between learning of data and probability distributions, and their applications. <i>Information and Computation</i> , <b>2018</b> , 262, 123-140		0.8 1
220	Effectivity questions for Kleene's recursion theorem. <i>Theoretical Computer Science</i> , <b>2018</b> , 733, 55-70		1.1 2
219	Covering the recursive sets. <i>Annals of Pure and Applied Logic</i> , <b>2017</b> , 168, 804-823		0.7 1
218	Deciding parity games in quasipolynomial time <b>2017</b> ,		54
217	An ordered approach to solving parity games in quasi polynomial time and quasi linear space <b>2017</b> ,		13
216	Automatic learning from positive data and negative counterexamples. <i>Information and Computation</i> , <b>2017</b> , 255, 45-67		0.8
215	Semiautomatic Structures. <i>Theory of Computing Systems</i> , <b>2017</b> , 61, 1254-1287		0.6 2
214	Weakly Represented Families in Reverse Mathematics. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 160-187	0.9	2
213	On Martin's pointed tree theorem. <i>Computability</i> , <b>2016</b> , 5, 147-157		0.5
212	Inductive inference and reverse mathematics. <i>Annals of Pure and Applied Logic</i> , <b>2016</b> , 167, 1242-1266		0.7 1

211	On block pumpable languages. <i>Theoretical Computer Science</i> , <b>2016</b> , 609, 272-285	1.1	1
210	On the role of update constraints and text-types in iterative learning. <i>Information and Computation</i> , <b>2016</b> , 247, 152-168	0.8	4
209	Finitely Generated Semiautomatic Groups. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 282-291	0.9	1
208	Finite state incompressible infinite sequences. <i>Information and Computation</i> , <b>2016</b> , 247, 23-36	0.8	4
207	Learning Pattern Languages over Groups. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 189-203	0.9	1
206	Learning Automatic Families of Languages. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 29-40	0.9	
205	Closed left-r.e. sets. <i>Computability</i> , <b>2016</b> , 6, 1-21	0.5	0
204	Tree-automatic scattered linear orders. <i>Theoretical Computer Science</i> , <b>2016</b> , 626, 83-96	1.1	1
203	Reducibilities among equivalence relations induced by recursively enumerable structures. <i>Theoretical Computer Science</i> , <b>2016</b> , 612, 137-152	1.1	12
202	Partial learning of recursively enumerable languages. <i>Theoretical Computer Science</i> , <b>2016</b> , 620, 15-32	1.1	
201	Enlarging learnable classes. <i>Information and Computation</i> , <b>2016</b> , 251, 194-207	0.8	
200	Cone avoidance and randomness preservation. <i>Annals of Pure and Applied Logic</i> , <b>2015</b> , 166, 713-728	0.7	5
199	Automatic Structures I Recent Results and Open Questions. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 622, 012013	0.3	3
198	Covering the Recursive Sets. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 44-53	0.9	
197	Priced Learning. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 41-55	0.9	
196	Depth, Highness and DNR Degrees. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 81-94	0.9	0
195	Combining Models of Approximation with Partial Learning. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 56-70	0.9	1
194	Graphs realised by r.e. equivalence relations. <i>Annals of Pure and Applied Logic</i> , <b>2014</b> , 165, 1263-1290	0.7	14

193	Confident and consistent partial learning of recursive functions. <i>Theoretical Computer Science</i> , <b>2014</b> , 558, 5-17	1.1	
192	Things that can be made into themselves. <i>Information and Computation</i> , <b>2014</b> , 237, 174-186	0.8	3
191	Automatic learners with feedback queries. <i>Journal of Computer and System Sciences</i> , <b>2014</b> , 80, 806-820	1	4
190	Robust learning of automatic classes of languages. <i>Journal of Computer and System Sciences</i> , <b>2014</b> , 80, 777-795	1	1
189	Initial segment complexities of randomness notions. <i>Information and Computation</i> , <b>2014</b> , 234, 57-67	0.8	
188	The Complexity of Recursive Splittings of Random Sets. <i>Computability</i> , <b>2014</b> , 3, 1-8	0.5	
187	Algorithmic Aspects of Lipschitz Functions. <i>Computability</i> , <b>2014</b> , 3, 45-61	0.5	8
186	A reducibility related to being hyperimmune-free. <i>Annals of Pure and Applied Logic</i> , <b>2014</b> , 165, 1291-1300	0.7	
185	Semiautomatic Structures. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 204-217	0.9	2
184	Finite State Incompressible Infinite Sequences. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 50-66	0.9	
183	On the Role of Update Constraints and Text-Types in Iterative Learning. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 55-69	0.9	
182	Anti-Complex Sets and Reducibilities with Tiny Use. <i>Journal of Symbolic Logic</i> , <b>2013</b> , 78, 1307-1327	0.4	6
181	Automatic models of first order theories. <i>Annals of Pure and Applied Logic</i> , <b>2013</b> , 164, 837-854	0.7	
180	Learning and classifying. <i>Theoretical Computer Science</i> , <b>2013</b> , 482, 73-85	1.1	2
179	Automata on ordinals and automaticity of linear orders. <i>Annals of Pure and Applied Logic</i> , <b>2013</b> , 164, 523-527	0.7	5
178	Highness, locally noncappability and nonboundings. <i>Annals of Pure and Applied Logic</i> , <b>2013</b> , 164, 511-522	0.7	
177	Automatic functions, linear time and learning. <i>Logical Methods in Computer Science</i> , <b>2013</b> , 9,		7
176	Effectivity Questions for Kleene's Recursion Theorem. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 89-103	0.9	

175	Selection by Recursively Enumerable Sets. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 144-155	0.9	
174	On Conservative Learning of Recursively Enumerable Languages. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 181-190	0.9	3
173	Partial Learning of Recursively Enumerable Languages. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 113-127	0.9	1
172	Computational aspects of the hyperimmune-free degrees <b>2013</b> ,		2
171	An incomplete set of shortest descriptions. <i>Journal of Symbolic Logic</i> , <b>2012</b> , 77, 291-307	0.4	6
170	Automatic learning of subclasses of pattern languages. <i>Information and Computation</i> , <b>2012</b> , 218, 17-35	0.8	5
169	Learnability of automatic classes. <i>Journal of Computer and System Sciences</i> , <b>2012</b> , 78, 1910-1927	1	15
168	Learning with ordinal-bounded memory from positive data. <i>Journal of Computer and System Sciences</i> , <b>2012</b> , 78, 1623-1636	1	
167	How Powerful Are Integer-Valued Martingales?. <i>Theory of Computing Systems</i> , <b>2012</b> , 51, 330-351	0.6	6
166	Arithmetic complexity via effective names for random sequences. <i>ACM Transactions on Computational Logic</i> , <b>2012</b> , 13, 1-18	0.9	3
165	The Complexity of Verbal Languages over Groups <b>2012</b> ,		4
164	Automatic Functions, Linear Time and Learning. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 96-106	0.9	3
163	On the Amount of Nonconstructivity in Learning Formal Languages from Positive Data. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 423-434	0.9	1
162	Learnability of Co-r.e. Classes. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 252-263	0.9	
161	Enlarging Learnable Classes. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 36-50	0.9	
160	Confident and Consistent Partial Learning of Recursive Functions. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 51-65	0.9	3
159	Learning Families of Closed Sets in Matroids. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 120-139	0.9	4
158	The Discrete Time Behaviour of Restricted Linear Hybrid Automata <b>2012</b> , 437-453		

157	Van Lambalgen's Theorem and High Degrees. <i>Notre Dame Journal of Formal Logic</i> , <b>2011</b> , 52,	1	7
156	Universal recursively enumerable sets of strings. <i>Theoretical Computer Science</i> , <b>2011</b> , 412, 2253-2261	1.1	5
155	Index sets and universal numberings. <i>Journal of Computer and System Sciences</i> , <b>2011</b> , 77, 760-773	1	6
154	Representation of left-computable $\mathbb{R}$ -random reals. <i>Journal of Computer and System Sciences</i> , <b>2011</b> , 77, 812-819	1	11
153	Uncountable automatic classes and learning. <i>Theoretical Computer Science</i> , <b>2011</b> , 412, 1805-1820	1.1	4
152	Relativizations of randomness and genericity notions. <i>Bulletin of the London Mathematical Society</i> , <b>2011</b> , 43, 721-733	0.9	8
151	Kolmogorov complexity and the Recursion Theorem. <i>Transactions of the American Mathematical Society</i> , <b>2011</b> , 363, 5465-5465	1	46
150	Closed Left-R.E. Sets. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 218-229	0.9	2
149	Automatic Learning of Subclasses of Pattern Languages. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 192-203	0.9	4
148	Automatic Learners with Feedback Queries. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 31-40	0.9	2
147	Robust Learning of Automatic Classes of Languages. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 55-69	0.9	1
146	Automata on Ordinals and Linear Orders. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 252-259	0.9	
145	Learning and Classifying. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 70-83	0.9	
144	ON AUTOMATIC FAMILIES <b>2011</b> ,		4
143	Topological aspects of Poset spaces. <i>Michigan Mathematical Journal</i> , <b>2010</b> , 59,	1	4
142	Schnorr trivial sets and truth-table reducibility. <i>Journal of Symbolic Logic</i> , <b>2010</b> , 75, 501-521	0.4	20
141	Regular patterns, regular languages and context-free languages. <i>Information Processing Letters</i> , <b>2010</b> , 110, 1114-1119	0.8	12
140	Numberings optimal for learning. <i>Journal of Computer and System Sciences</i> , <b>2010</b> , 76, 233-250	1	5

139	Iterative learning of simple external contextual languages. <i>Theoretical Computer Science</i> , <b>2010</b> , 411, 2741-2756	13
138	Higher Kurtz randomness. <i>Annals of Pure and Applied Logic</i> , <b>2010</b> , 161, 1280-1290	0.7 5
137	How Powerful Are Integer-Valued Martingales?. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 59-68	0.9 1
136	Initial Segment Complexities of Randomness Notions. <i>International Federation for Information Processing</i> , <b>2010</b> , 259-270	1
135	Learnability of Automatic Classes. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 321-332	0.9 6
134	Splitting of Learnable Classes. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 109-121	0.9
133	Constructive Dimension and Turing Degrees. <i>Theory of Computing Systems</i> , <b>2009</b> , 45, 740-755	0.6 9
132	Input-Dependence in Function-Learning. <i>Theory of Computing Systems</i> , <b>2009</b> , 45, 849-864	0.6
131	Prescribed learning of r.e. classes. <i>Theoretical Computer Science</i> , <b>2009</b> , 410, 1796-1806	1.1 4
130	TURING DEGREES AND THE ERSHOV HIERARCHY <b>2009</b> ,	5
129	Index Sets and Universal Numberings. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 270-279	0.9 2
128	Uncountable Automatic Classes and Learning. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 293-307	0.9 2
127	Learning from Streams. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 338-352	0.9
126	When unlearning helps. <i>Information and Computation</i> , <b>2008</b> , 206, 694-709	0.8 29
125	Learning in Friedberg numberings. <i>Information and Computation</i> , <b>2008</b> , 206, 776-790	0.8 7
124	Mitotic Classes in Inductive Inference. <i>SIAM Journal on Computing</i> , <b>2008</b> , 38, 1283-1299	1.1 2
123	Immunity and Hyperimmunity for Sets of Minimal Indices. <i>Notre Dame Journal of Formal Logic</i> , <b>2008</b> , 49,	1 4
122	Lowness properties and approximations of the jump. <i>Annals of Pure and Applied Logic</i> , <b>2008</b> , 152, 51-66	0.7 17



121	Absolute versus probabilistic classification in a logical setting. <i>Theoretical Computer Science</i> , <b>2008</b> , 397, 114-128	1.1	2
120	Non-U-shaped vacillatory and team learning. <i>Journal of Computer and System Sciences</i> , <b>2008</b> , 74, 409-430	1	12
119	Computable categoricity and the Ershov hierarchy. <i>Annals of Pure and Applied Logic</i> , <b>2008</b> , 156, 86-95	0.7	6
118	A MINIMAL $rK$ -DEGREE. <i>Lecture Notes Series, Institute for Mathematical Sciences</i> , <b>2008</b> , 261-269	0.1	2
117	Numberings Optimal for Learning. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 434-448	0.9	1
116	Iterative Learning of Simple External Contextual Languages. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 359-373	0.9	3
115	Invertible classes. <i>Theoretical Computer Science</i> , <b>2007</b> , 384, 49-65	1.1	
114	On the learnability of vector spaces. <i>Journal of Computer and System Sciences</i> , <b>2007</b> , 73, 109-122	1	7
113	Results on memory-limited U-shaped learning. <i>Information and Computation</i> , <b>2007</b> , 205, 1551-1573	0.8	24
112	On the data consumption benefits of accepting increased uncertainty. <i>Theoretical Computer Science</i> , <b>2007</b> , 382, 170-182	1.1	
111	Applications of Kolmogorov complexity to computable model theory. <i>Journal of Symbolic Logic</i> , <b>2007</b> , 72, 1041-1054	0.4	11
110	Using random sets as oracles. <i>Journal of the London Mathematical Society</i> , <b>2007</b> , 75, 610-622	0.7	36
109	The Complexity of the Set of Nonrandom Numbers <b>2007</b> , 217-230		1
108	Automatic Structures: Richness and Limitations. <i>Logical Methods in Computer Science</i> , <b>2007</b> , 3,		28
107	Learning in Friedberg Numberings. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 79-93	0.9	3
106	Input-Dependence in Function-Learning. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 378-388	0.9	
105	Deduction, Induction, and beyond in Parametric Logic <b>2007</b> , 55-110		
104	Constructive Dimension and Weak Truth-Table Degrees. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 63-72	0.9	6

103	Unifying logic, topology and learning in Parametric logic. <i>Theoretical Computer Science</i> , <b>2006</b> , 350, 103-124	6
102	On ordinal VC-dimension and some notions of complexity. <i>Theoretical Computer Science</i> , <b>2006</b> , 364, 62-76	1
101	Lowness Properties and Approximations of the Jump. <i>Electronic Notes in Theoretical Computer Science</i> , <b>2006</b> , 143, 45-57	0.7 3
100	Randomness and universal machines. <i>Journal of Complexity</i> , <b>2006</b> , 22, 738-751	1.2 12
99	Variations on U-shaped learning. <i>Information and Computation</i> , <b>2006</b> , 204, 1264-1294	0.8 9
98	Enumerations of the Kolmogorov function. <i>Journal of Symbolic Logic</i> , <b>2006</b> , 71, 501-528	0.4 14
97	Infinitely-Often Autoreducible Sets. <i>SIAM Journal on Computing</i> , <b>2006</b> , 36, 595-608	1.1
96	Identifying Clusters from Positive Data. <i>SIAM Journal on Computing</i> , <b>2006</b> , 36, 28-55	1.1 0
95	Kolmogorov-Loveland randomness and stochasticity. <i>Annals of Pure and Applied Logic</i> , <b>2006</b> , 138, 183-210	0.7 38
94	Learning a subclass of regular patterns in polynomial time. <i>Theoretical Computer Science</i> , <b>2006</b> , 364, 115-131	1.3 2
93	Invertible Classes. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 707-720	0.9
92	Degrees of Weakly Computable Reals. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 413-422	0.9
91	Some Recent Results in U-Shaped Learning. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 421-431	0.9
90	Kolmogorov Complexity and the Recursion Theorem. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 149-161	0.9 15
89	Lowness for Weakly 1-generic and Kurtz-Random. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 756-764	0.9 12
88	Memory-Limited U-Shaped Learning. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 244-258	0.9 2
87	Lowness for the Class of Schnorr Random Reals. <i>SIAM Journal on Computing</i> , <b>2005</b> , 35, 647-657	1.1 41
86	Variations on U-Shaped Learning. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 382-397	0.9 2

85	Presentations of K-Trivial Reals and Kolmogorov Complexity. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 461-469	0.9	2
84	Randomness, relativization and Turing degrees. <i>Journal of Symbolic Logic</i> , <b>2005</b> , 70, 515-535	0.4	60
83	Automatic linear orders and trees. <i>ACM Transactions on Computational Logic</i> , <b>2005</b> , 6, 675-700	0.9	40
82	THE DOT-DEPTH AND THE POLYNOMIAL HIERARCHIES CORRESPOND ON THE DELTA LEVELS. <i>International Journal of Foundations of Computer Science</i> , <b>2005</b> , 16, 625-644	0.6	4
81	Absolute Versus Probabilistic Classification in a Logical Setting. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 327-342	0.9	
80	Non U-Shaped Vacillatory and Team Learning. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 241-255	0.9	8
79	Counting extensional differences in BC-learning. <i>Information and Computation</i> , <b>2004</b> , 188, 127-142	0.8	
78	Generalized notions of mind change complexity. <i>Information and Computation</i> , <b>2004</b> , 189, 235-262	0.8	7
77	Classes with easily learnable subclasses. <i>Information and Computation</i> , <b>2004</b> , 190, 81-99	0.8	
76	On the classification of recursive languages. <i>Information and Computation</i> , <b>2004</b> , 192, 15-40	0.8	3
75	Trees and learning. <i>Journal of Computer and System Sciences</i> , <b>2004</b> , 68, 134-156	1	4
74	Learning how to separate. <i>Theoretical Computer Science</i> , <b>2004</b> , 313, 209-228	1.1	
73	Robust learning rich and poor. <i>Journal of Computer and System Sciences</i> , <b>2004</b> , 69, 123-165	1	6
72	Identifying Clusters from Positive Data. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 103-114	0.9	1
71	Definability and Regularity in Automatic Structures. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 440-451	0.9	16
70	The Dot-Depth and the Polynomial Hierarchy Correspond on the Delta Levels. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 89-101	0.9	2
69	Learning a Subclass of Regular Patterns in Polynomial Time. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 234-246	0.9	3
68	Learning by switching type of information. <i>Information and Computation</i> , <b>2003</b> , 185, 89-104	0.8	4

67	Topological aspects of numberings. <i>Mathematical Logic Quarterly</i> , <b>2003</b> , 49, 129-149	0.3	
66	Refuting learning revisited. <i>Theoretical Computer Science</i> , <b>2003</b> , 298, 145-177	1.1	7
65	Learning power and language expressiveness. <i>Theoretical Computer Science</i> , <b>2003</b> , 298, 365-383	1.1	1
64	TRIVIAL REALS <b>2003</b> ,		30
63	A Tour of Robust Learning <b>2003</b> , 215-247		1
62	Trivial Reals. <i>Electronic Notes in Theoretical Computer Science</i> , <b>2002</b> , 66, 36-52	0.7	1
61	Classes bounded by incomplete sets. <i>Annals of Pure and Applied Logic</i> , <b>2002</b> , 116, 273-295	0.7	1
60	Avoiding coding tricks by hyperrobust learning. <i>Theoretical Computer Science</i> , <b>2002</b> , 284, 161-180	1.1	6
59	Learning classes of approximations to non-recursive functions. <i>Theoretical Computer Science</i> , <b>2002</b> , 288, 309-341	1.1	5
58	Learning to Win Process-Control Games Watching Game-Masters. <i>Information and Computation</i> , <b>2002</b> , 174, 1-19	0.8	6
57	Classes with Easily Learnable Subclasses. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 218-232	0.9	1
56	On the Learnability of Vector Spaces. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 233-247	0.9	1
55	Learning, Logic, and Topology in a Common Framework. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 248-262	0.9	7
54	Learning in Logic with RichProlog. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 239-254	0.9	7
53	On one-sided versus two-sided classification. <i>Archive for Mathematical Logic</i> , <b>2001</b> , 40, 489-513	0.4	13
52	Robust learning with infinite additional information. <i>Theoretical Computer Science</i> , <b>2001</b> , 259, 427-454	1.1	
51	Learning algebraic structures from text. <i>Theoretical Computer Science</i> , <b>2001</b> , 268, 221-273	1.1	27
50	Predictive learning models for concept drift. <i>Theoretical Computer Science</i> , <b>2001</b> , 268, 323-349	1.1	18

49	On the structures inside truth-table degrees. <i>Journal of Symbolic Logic</i> , <b>2001</b> , 66, 731-770	0.4	3
48	Robust Learning [Rich and Poor. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 143-159	0.9	1
47	Learning How to Separate. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 219-234	0.9	2
46	Refuting Learning Revisited. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 299-314	0.9	6
45	A General Theory of Deduction, Induction, and Learning. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 228-242.	0.9	7
44	Robust Learning Aided by Context. <i>Journal of Computer and System Sciences</i> , <b>2000</b> , 60, 234-257	1	10
43	Looking for an Analogue of Rice's Theorem in Circuit Complexity Theory. <i>Mathematical Logic Quarterly</i> , <b>2000</b> , 46, 489-504	0.3	4
42	Structural measures for games and process control in the branch learning model. <i>Theoretical Computer Science</i> , <b>2000</b> , 244, 135-165	1.1	1
41	Vacillatory and BC learning on noisy data. <i>Theoretical Computer Science</i> , <b>2000</b> , 241, 115-141	1.1	3
40	The complexity of ODDnA. <i>Journal of Symbolic Logic</i> , <b>2000</b> , 65, 1-18	0.4	8
39	Unlearning Helps. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 844-856	0.9	2
38	Counting Extensional Differences in BC-Learning. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 256-269	0.9	2
37	The Complexity of Universal Text-Learners. <i>Information and Computation</i> , <b>1999</b> , 154, 149-166	0.8	1
36	On Existentially First-Order Definable Languages and Their Relation to NP. <i>RAIRO - Theoretical Informatics and Applications</i> , <b>1999</b> , 33, 259-269	0.5	16
35	A Techniques Oriented Survey of Bounded Queries <b>1999</b> , 117-156		1
34	Classification using information. <i>Annals of Mathematics and Artificial Intelligence</i> , <b>1998</b> , 23, 147-168	0.8	12
33	On the Computational Complexity of Some Classical Equivalence Relations on Boolean Functions. <i>Theory of Computing Systems</i> , <b>1998</b> , 31, 679-693	0.6	19
32	On the relative sizes of learnable sets. <i>Theoretical Computer Science</i> , <b>1998</b> , 197, 139-156	1.1	7

31	Learning via queries and oracles. <i>Annals of Pure and Applied Logic</i> , <b>1998</b> , 94, 273-296	0.7	2
30	Learning to Win Process-Control Games Watching Game-Masters. <i>Lecture Notes in Computer Science</i> , <b>1998</b> , 31-45	0.9	
29	Generalized notions of mind change complexity <b>1997</b> ,		10
28	On the classification of computable languages. <i>Lecture Notes in Computer Science</i> , <b>1997</b> , 225-236	0.9	4
27	Noisy inference and oracles. <i>Theoretical Computer Science</i> , <b>1997</b> , 185, 129-157	1.1	12
26	Correction to $\mathbb{A}$ Cohesive Set which is not High $\square$ <i>Mathematical Logic Quarterly</i> , <b>1997</b> , 43, 569-569	0.3	9
25	The complexity of learning branches and strategies from queries. <i>Lecture Notes in Computer Science</i> , <b>1997</b> , 283-292	0.9	1
24	Structural measures for games and process control in the branch learning model. <i>Lecture Notes in Computer Science</i> , <b>1997</b> , 94-108	0.9	2
23	Robust learning with infinite additional information. <i>Lecture Notes in Computer Science</i> , <b>1997</b> , 316-330	0.9	2
22	Trees and learning <b>1996</b> ,		4
21	On the Structure of Degrees of Inferability. <i>Journal of Computer and System Sciences</i> , <b>1996</b> , 52, 214-238	1	31
20	Inclusion Problems in Parallel Learning and Games. <i>Journal of Computer and System Sciences</i> , <b>1996</b> , 52, 403-420	1	1
19	On the query complexity of sets. <i>Lecture Notes in Computer Science</i> , <b>1996</b> , 206-217	0.9	
18	Approximable Sets. <i>Information and Computation</i> , <b>1995</b> , 120, 304-314	0.8	38
17	Language Learning from Texts: Mindchanges, Limited Memory, and Monotonicity. <i>Information and Computation</i> , <b>1995</b> , 123, 224-241	0.8	51
16	Learning via queries and oracles <b>1995</b> ,		1
15	Noisy inference and oracles. <i>Lecture Notes in Computer Science</i> , <b>1995</b> , 185-200	0.9	3
14	Measure, category and learning theory. <i>Lecture Notes in Computer Science</i> , <b>1995</b> , 558-569	0.9	4

13	The power of frequency computation. <i>Lecture Notes in Computer Science</i> , <b>1995</b> , 323-332	0.9	7
12	Inclusion problems in parallel learning and games (extended abstract) <b>1994</b> ,		3
11	Effective Search Problems. <i>Mathematical Logic Quarterly</i> , <b>1994</b> , 40, 224-236	0.3	15
10	Extremes in the degrees of inferability. <i>Annals of Pure and Applied Logic</i> , <b>1994</b> , 66, 231-276	0.7	36
9	On the structure of degrees of inferability <b>1993</b> ,		3
8	Recursion theoretic properties of frequency computation and bounded queries (extended abstract) <b>1993</b> , 243-254		2
7	A cohesive set which is not high. <i>Mathematical Logic Quarterly</i> , <b>1993</b> , 39, 515-530	0.3	40
6	Weakly semirecursive sets and r.e. orderings. <i>Annals of Pure and Applied Logic</i> , <b>1993</b> , 60, 133-150	0.7	5
5	Quantifying the amount of verboseness (extended abstract) <b>1992</b> , 21-32		6
4	Three lectures on automatic structures 132-176		16
3	Universal Recursively Enumerable Sets of Strings. <i>Lecture Notes in Computer Science</i> , 170-182	0.9	0
2	Members of thin $\Sigma^0_1$ classes and generic degrees. <i>Proceedings of the American Mathematical Society</i> , 1	0.8	
1	Martin-Löf random and PA-complete sets 342-348		6