

# Peter Auer

## List of Publications by Year in descending order

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44  
papers

5,716  
citations

567281

15  
h-index

501196

28  
g-index

46  
all docs

46  
docs citations

46  
times ranked

3405  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite-time Analysis of the Multiarmed Bandit Problem. Machine Learning, 2002, 47, 235-256.	5.4	3,350
2	The Nonstochastic Multiarmed Bandit Problem. SIAM Journal on Computing, 2002, 32, 48-77.	1.0	1,106
3	Generic object recognition with boosting. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 416-431.	13.9	292
4	UCB revisited: Improved regret bounds for the stochastic multi-armed bandit problem. Periodica Mathematica Hungarica, 2010, 61, 55-65.	0.9	151
5	Degree of Approximation Results for Feedforward Networks Approximating Unknown Mappings and Their Derivatives. Neural Computation, 1994, 6, 1262-1275.	2.2	140
6	A learning rule for very simple universal approximators consisting of a single layer of perceptrons. Neural Networks, 2008, 21, 786-795.	5.9	136
7	Adaptive and Self-Confident On-Line Learning Algorithms. Journal of Computer and System Sciences, 2002, 64, 48-75.	1.2	90
8	Improved Rates for the Stochastic Continuum-Armed Bandit Problem. , 2007, , 454-468.		70
9	Tracking the Best Disjunction. Machine Learning, 1998, 32, 127-150.	5.4	62
10	A Boosting Approach to Multiple Instance Learning. Lecture Notes in Computer Science, 2004, , 63-74.	1.3	34
11	On-line learning with malicious noise and the closure algorithm. Annals of Mathematics and Artificial Intelligence, 1998, 23, 83-99.	1.3	33
12	Approximating Hyper-Rectangles: Learning and Pseudorandom Sets. Journal of Computer and System Sciences, 1998, 57, 376-388.	1.2	31
13	On-line learning of rectangles in noisy environments. , 1993, , .		28
14	Reducing Communication for Distributed Learning in Neural Networks. Lecture Notes in Computer Science, 2002, , 123-128.	1.3	23
15	PAC-Bayesian Inequalities for Martingales. IEEE Transactions on Information Theory, 2012, 58, 7086-7093.	2.4	22
16	Simulating access to hidden information while learning. , 1994, , .		16
17	Geochemical Fingerprinting of Coltan Ores by Machine Learning on Uneven Datasets. Natural Resources Research, 2011, 20, 177-191.	4.7	16
18	Regret bounds for restless Markov bandits. Theoretical Computer Science, 2014, 558, 62-76.	0.9	16

#	ARTICLE	IF	CITATIONS
19	Learning nested differences in the presence of malicious noise. Theoretical Computer Science, 1997, 185, 159-175.	0.9	13
20	Online Learning With Randomized Feedback Graphs for Optimal PUE Attacks in Cognitive Radio Networks. IEEE/ACM Transactions on Networking, 2018, 26, 2268-2281.	3.8	11
21	Structural Results About On-line Learning Models With and Without Queries. Machine Learning, 1999, 36, 147-181.	5.4	10
22	On the complexity of function learning. Machine Learning, 1995, 18, 187-230.	5.4	9
23	On the complexity of function learning. , 1993, , .		7
24	On the number of points of a homogeneous poisson process. Journal of Multivariate Analysis, 1994, 48, 115-156.	1.0	5
25	A new PAC bound for intersection-closed concept classes. Machine Learning, 2007, 66, 151-163.	5.4	5
26	An Efficient Search Algorithm for Content-Based Image Retrieval with User Feedback. , 2008, , .		5
27	Relevance Feedback Models for Content-Based Image Retrieval. Studies in Computational Intelligence, 2011, , 59-79.	0.9	5
28	Tight bounds on the cumulative profit of distributed voters. , 1996, , .		3
29	On-line learning with malicious noise and the closure algorithm. Lecture Notes in Computer Science, 1994, , 229-247.	1.3	3
30	Exploration-Exploitation of Eye Movement Enriched Multiple Feature Spaces for Content-Based Image Retrieval. Lecture Notes in Computer Science, 2010, , 554-569.	1.3	3
31	Consistent Interpretation of Image Sequences to Improve Object Models on the Fly. Lecture Notes in Computer Science, 2009, , 384-393.	1.3	1
32	Visual Classification of Images by Learning Geometric Appearances Through Boosting. Lecture Notes in Computer Science, 2006, , 233-243.	1.3	1
33	Online Learning. , 2016, , 1-9.		1
34	A Simple Feature Extraction for High Dimensional Image Representations. Lecture Notes in Computer Science, 2006, , 163-172.	1.3	0
35	A distributed voting scheme to maximize preferences. RAIRO - Theoretical Informatics and Applications, 2006, 40, 389-403.	0.5	0
36	Learning with Malicious Noise. , 2008, , 436-438.		0

#	ARTICLE	IF	CITATIONS
37	Models for Autonomously Motivated Exploration in Reinforcement Learning. Lecture Notes in Computer Science, 2011, , 14-17.	1.3	0
38	Exploration and Exploitation in Online Learning. Lecture Notes in Computer Science, 2011, , 2-2.	1.3	0
39	Solving string equations with constant restrictions. Lecture Notes in Computer Science, 1993, , 103-132.	1.3	0
40	Unification in the combination of disjoint theories. Lecture Notes in Computer Science, 1993, , 177-186.	1.3	0
41	Learning nested differences in the presence of malicious noise. Lecture Notes in Computer Science, 1995, , 123-137.	1.3	0
42	Learning with Malicious Noise. , 2015, , 1-4.		0
43	Learning with Malicious Noise. , 2016, , 1086-1089.		0
44	Online Learning. , 2017, , 929-937.		0