

# Andrew R Barron

## List of Publications by Citations

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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.

26

papers

893

citations

12

h-index

27

g-index

27

ext. papers

1,100

ext. citations

3

avg, IF

4.46

L-index

#	Paper	IF	Citations
26	Approximation and estimation bounds for artificial neural networks. <i>Machine Learning</i> , <b>1994</b> , 14, 115-133	3.4	315
25	Jeffreys prior is asymptotically least favorable under entropy risk. <i>Journal of Statistical Planning and Inference</i> , <b>1994</b> , 41, 37-60	0.8	171
24	Approximation of Density Functions by Sequences of Exponential Families. <i>Annals of Statistics</i> , <b>1991</b> , 19, 1347	3.2	107
23	Least Squares Superposition Codes of Moderate Dictionary Size Are Reliable at Rates up to Capacity. <i>IEEE Transactions on Information Theory</i> , <b>2012</b> , 58, 2541-2557	2.8	48
22	Ancient apple varieties from Croatia as a source of bioactive polyphenolic compounds. <i>Journal of Food Composition and Analysis</i> , <b>2016</b> , 45, 9-15	4.1	38
21	. <i>IEEE Transactions on Information Theory</i> , <b>2014</b> , 60, 919-942	2.8	34
20	Toward fast reliable communication at rates near capacity with Gaussian noise <b>2010</b> ,		27
19	High-rate sparse superposition codes with iteratively optimal estimates <b>2012</b> ,		19
18	Are Bayes Rules Consistent in Information? <b>1987</b> , 85-91		19
17	. <i>IEEE Transactions on Information Theory</i> , <b>2018</b> , 64, 7649-7656	2.8	17
16	A Better Approximation for Balls. <i>Journal of Approximation Theory</i> , <b>2000</b> , 104, 183-203	0.9	14
15	Optimization of Ultrasonic-Assisted Extraction of Phenolic Compounds from Apples. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 2612-2625	3.4	13
14	Properties of Jeffreys Mixture for Markov Sources. <i>IEEE Transactions on Information Theory</i> , <b>2013</b> , 59, 438-457	2.8	10
13	MDL, penalized likelihood, and statistical risk <b>2008</b> ,		10
12	Adsorption between Quercetin Derivatives and $\beta$ -Glucan Studied with a Novel Approach to Modeling Adsorption Isotherms. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 1637	2.6	8
11	Minimax lower bounds for ridge combinations including neural nets <b>2017</b> ,		8
10	Least squares superposition codes of moderate dictionary size, reliable at rates up to capacity <b>2010</b>		7

9	Analysis of fast sparse superposition codes <b>2011</b> ,		6
8	Asymptotically minimax regret by Bayes mixtures for non-exponential families <b>2013</b> ,		5
7	Asymptotically minimax regret for models with hidden variables <b>2014</b> ,		4
6	Discussion: On the Consistency of Bayes Estimates. <i>Annals of Statistics</i> , <b>1986</b> , 14, 26	3.2	4
5	Introduction to the Issue on Signal Processing Methods in Finance and Electronic Trading. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2012</b> , 6, 297-297	7.5	3
4	Polyphenols of Traditional Apple Varieties in Interaction with Barley $\beta$ -Glucan: A Study of the Adsorption Process. <i>Foods</i> , <b>2020</b> , 9,	4.9	3
3	Stochastic Complexity for tree models <b>2014</b> ,		1
2	Approximation and Estimation Bounds for Artificial Neural Networks. <i>Machine Learning</i> , <b>1994</b> , 14, 115-133		1
1	A note on weighted least square distribution fitting and full standardization of the empirical distribution function. <i>Test</i> , <b>2018</b> , 27, 946-967	1.1	