Avner Bar-Hen

List of Publications by Year
in descending order

56 papers	1,333 citations	471509 17 h-index	361022 35 g-index
57 all docs	57 docs citations	57 times ranked	2139 citing authors

#	Article	IF	Citations
1	Sex influence on muscle synergies in a ballistic force-velocity test during the delayed recovery phase after a graded endurance run. Heliyon, 2022, 8, e09573.	3.2	3
2	A real‐world implementation of a nationwide, long‐term monitoring program to assess the impact of agrochemicals and agricultural practices on biodiversity. Ecology and Evolution, 2021, 11, 3771-3793.	1.9	12
3	Spatial CART classification trees. Computational Statistics, 2021, 36, 2591-2613.	1.5	3
4	CASCARO: Cascade of classifiers for minimizing the cost of prediction. Pattern Recognition Letters, 2021, 149, 37-43.	4.2	3
5	Response to Predictors of Long-Term Sick Leave in the Workplace. Journal of Occupational and Environmental Medicine, 2019, 61, e533.	1.7	0
6	Hierarchizing Determinants of Sick Leave. Journal of Occupational and Environmental Medicine, 2019, 61, e340-e347.	1.7	10
7	Collective effectiveness in the *XV de France:* selections and time matter. European Journal of Sport Science, 2017, 17, 656-664.	2.7	4
8	Climate change and human health: what are the research trends? A scoping review protocol. BMJ Open, 2016, 6, e012022.	1.9	20
9	Detecting multi-way epistasis in family-based association studies. Briefings in Bioinformatics, 2016, 18, bbw039.	6.5	4
10	Influence measures and stability for graphical models. Journal of Multivariate Analysis, 2016, 147, 145-154.	1.0	0
11	Characterization of the major bacterial–fungal populations colonizing dandruff scalps in Shanghai, China, shows microbial disequilibrium. Experimental Dermatology, 2015, 24, 398-400.	2.9	81
12	Spatial cluster detection using nearest neighbor distance. Spatial Statistics, 2015, 14, 400-411.	1.9	10
13	Influence Measures for CART Classification Trees. Journal of Classification, 2015, 32, 21-45.	2.2	6
14	Analyse statistique des profils et de l'activité des participants d'un MOOC. World Journal of Pediatrics, 2015, 12, 11-22.	1.8	0
15	Drug sales data analysis for outbreak detection of infectious diseases: a systematic literature review. BMC Infectious Diseases, 2014, 14, 604.	2.9	23
16	Application of calibrated image-derived input function to a clinical protocol. Nuclear Medicine Communications, 2014, 35, 1188-1189.	1.1	1
17	Surveillance of gastrointestinal disease in France using drug sales data. Epidemics, 2014, 8, 1-8.	3.0	7
18	Cluster analysis for two-level data sets: Classifying tree species from individual measurements. Ecological Informatics, 2013, 15, 1-7.	5.2	2

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19	Quantitative Assessment of Preventive Behaviors in France during the Fukushima Nuclear Crisis. PLoS ONE, 2013, 8, e58385.	2.5	11
20	Dandruff Is Associated with Disequilibrium in the Proportion of the Major Bacterial and Fungal Populations Colonizing the Scalp. PLoS ONE, 2013, 8, e58203.	2.5	142
21	Taxon Influence Index: Assessing Taxon-Induced Incongruities in Phylogenetic Inference. Systematic Biology, 2012, 61, 337-345.	5.6	10
22	A Criterion Based on the Mahalanobis Distance for Cluster Analysis with Subsampling. Journal of Classification, 2012, 29, 23-49.	2.2	3
23	Impact of Changing Drug Treatment and Malaria Endemicity on the Heritability of Malaria Phenotypes in a Longitudinal Family-Based Cohort Study. PLoS ONE, 2011, 6, e26364.	2.5	2
24	Yield stability in clones of Coffea canephora in the short and medium term: longitudinal data analyses and measures of stability over time. Tree Genetics and Genomes, 2011, 7, 421-429.	1.6	43
25	Spatio-temporal functional regression on paleoecological data. Journal of Applied Statistics, 2011, 38, 695-704.	1.3	13
26	Variations in circulating inflammatory factors are related to changes in calorie and carbohydrate intakes early in the course of surgery-induced weight reduction. American Journal of Clinical Nutrition, 2011, 94, 450-458.	4.7	106
27	An Exhaustive, Non-Euclidean, Non-Parametric Data Mining Tool for Unraveling the Complexity of Biological Systems â€" Novel Insights into Malaria. PLoS ONE, 2011, 6, e24085.	2.5	9
28	Choosing classes for size projection matrix models. Ecological Modelling, 2010, 221, 2270-2279.	2.5	18
29	Comparison of 3 Methods of Automated Internal Carotid Segmentation in Human Brain PET Studies: Application to the Estimation of Arterial Input Function. Journal of Nuclear Medicine, 2009, 50, 461-467.	5.0	29
30	Spatial gradient of temperature and potential vegetation feedback across Europe during the late Quaternary. Climate Dynamics, 2009, 32, 371-379.	3.8	30
31	Understanding the dynamics of an undisturbed tropical rain forest from the spatial pattern of trees. Journal of Ecology, 2009, 97, 97-108.	4.0	36
32	Comparison of Eight Methods for the Estimation of the Image-Derived Input Function in Dynamic [^{18}F]-FDG PET Human Brain Studies. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1825-1835.	4.3	86
33	Finding confidence limits on population growth rates: Bootstrap and analytic methods. Mathematical Biosciences, 2009, 219, 23-31.	1.9	10
34	More Diseases Tracked by Using Google Trends. Emerging Infectious Diseases, 2009, 15, 1327-1328.	4.3	202
35	Asymptotic Distribution of Density-Dependent Stage-Grouped Population Dynamics Models. Acta Biotheoretica, 2008, 56, 137-155.	1.5	5
36	A paradigm of diagnostic criteria for polyarteritis nodosa: Analysis of a series of 949 patients with vasculitides. Arthritis and Rheumatism, 2008, 58, 1528-1538.	6.7	89

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37	Influence Function for Robust Phylogenetic Reconstructions. Molecular Biology and Evolution, 2008, 25, 869-873.	8.9	13
38	SOME COMMENTS ON FALSE DISCOVERY RATE. Journal of Bioinformatics and Computational Biology, 2007, 05, 987-990.	0.8	1
39	A Novel Method for Assessing Insulin Dose Adjustments by Patients with Diabetes. Journal of Diabetes Science and Technology, 2007, 1, 3-7.	2.2	20
40	Dairy Products, Calcium and the Risk of Breast Cancer: Results of the French SU.VI.MAX Prospective Study. Annals of Nutrition and Metabolism, 2007, 51, 139-145.	1.9	49
41	A semi-parametric approach for mixture models: Application to local false discovery rate estimation. Computational Statistics and Data Analysis, 2007, 51, 5483-5493.	1.2	39
42	Estimator of upgrowth transition rates for size-classified matrix from small samples. Ecological Modelling, 2007, 204, 59-69.	2.5	11
43	Estimation of the density of a clustered point pattern using a distance method. Environmental and Ecological Statistics, 2007, 14, 341-353.	3.5	9
44	Asymptotic distribution of stage-grouped population models. Mathematical Biosciences, 2006, 200, 76-89.	1.9	6
45	Simulation study of dissimilarity between point process. Computational Statistics, 2006, 21, 487.	1.5	6
46	Definition of Architectural Ideotypes for Good Yield Capacity in Coffea canephora. Annals of Botany, 2006, 97, 405-411.	2.9	35
47	Influence function and correspondence analysis. Journal of Statistical Planning and Inference, 2005, 134, 26-35.	0.6	9
48	Similarity of vegetation dynamics during interglacial periods. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13939-13943.	7.1	63
49	Influence and sensitivity measures in correspondence analysis. Statistics, 2004, 38, 207-215.	0.6	4
50	An iterative procedure for differential analysis of gene expression. Comptes Rendus Mathematique, 2003, 337, 343-346.	0.3	0
51	Modelling diameter class distribution with a second-order matrix model. Forest Ecology and Management, 2003, 180, 389-400.	3.2	17
52	Influence of missing data on compact designs for spacing experiments. Journal of Applied Statistics, 2002, 29, 1229-1240.	1.3	2
53	La corrï¿½lation spatiale entre la surface terrïï¿½re des arbres et leur accroissement est-elle un bon indicateur de la compï¿½tition ?. Annals of Forest Science, 2002, 59, 41-51.	2.0	7
54	Maximum likelihood procedure adapted to sampling schemes. Journal of Statistical Planning and Inference, 1998, 70, 277-286.	0.6	1

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55	A Preliminary Test in Discriminant Analysis. Journal of Multivariate Analysis, 1996, 57, 266-276.	1.0	8
56	An ensemble learning method for variable selection: application to high-dimensional data and missing values. Journal of Statistical Computation and Simulation, 0, , 1-23.	1.2	0