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	More Diseases Tracked by Using Google Trends. Emerging Infectious Diseases, 2009, 15, 1327-1328.	4.3	202
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Definition of Architectural Ideotypes for Good Yield Capacity in Coffea canephora. Annals of Botany, 2006, 97, 405-411.	2.9	35
13	Spatial gradient of temperature and potential vegetation feedback across Europe during the late Quaternary. Climate Dynamics, 2009, 32, 371-379.	3.8	30
14	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
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	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
17	Climate change and human health: what are the research trends? A scoping review protocol. BMJ Open, 2016, 6, e012022.	1.9	20
18	Choosing classes for size projection matrix models. Ecological Modelling, 2010, 221, 2270-2279.	2.5	18

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19	Modelling diameter class distribution with a second-order matrix model. Forest Ecology and Management, 2003, 180, 389-400.	3.2	17
20	Influence Function for Robust Phylogenetic Reconstructions. Molecular Biology and Evolution, 2008, 25, 869-873.	8.9	13
21	Spatio-temporal functional regression on paleoecological data. Journal of Applied Statistics, 2011, 38, 695-704.	1.3	13
22	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
23	Estimator of upgrowth transition rates for size-classified matrix from small samples. Ecological Modelling, 2007, 204, 59-69.	2.5	11
24	Quantitative Assessment of Preventive Behaviors in France during the Fukushima Nuclear Crisis. PLoS ONE, 2013, 8, e58385.	2.5	11
25	Finding confidence limits on population growth rates: Bootstrap and analytic methods. Mathematical Biosciences, 2009, 219, 23-31.	1.9	10
26	Taxon Influence Index: Assessing Taxon-Induced Incongruities in Phylogenetic Inference. Systematic Biology, 2012, 61, 337-345.	5.6	10
27	Spatial cluster detection using nearest neighbor distance. Spatial Statistics, 2015, 14, 400-411.	1.9	10
28	Hierarchizing Determinants of Sick Leave. Journal of Occupational and Environmental Medicine, 2019, 61, e340-e347.	1.7	10
29	Influence function and correspondence analysis. Journal of Statistical Planning and Inference, 2005, 134, 26-35.	0.6	9
30	Estimation of the density of a clustered point pattern using a distance method. Environmental and Ecological Statistics, 2007, 14, 341-353.	3.5	9
31	An Exhaustive, Non-Euclidean, Non-Parametric Data Mining Tool for Unraveling the Complexity of Biological Systems – Novel Insights into Malaria. PLoS ONE, 2011, 6, e24085.	2.5	9
32	A Preliminary Test in Discriminant Analysis. Journal of Multivariate Analysis, 1996, 57, 266-276.	1.0	8
33	La corrï¿½lation spatiale entre la surface terrï¿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
34	Surveillance of gastrointestinal disease in France using drug sales data. Epidemics, 2014, 8, 1-8.	3.0	7
35	Asymptotic distribution of stage-grouped population models. Mathematical Biosciences, 2006, 200, 76-89.	1.9	6
36	Simulation study of dissimilarity between point process. Computational Statistics, 2006, 21, 487.	1.5	6

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37	Influence Measures for CART Classification Trees. Journal of Classification, 2015, 32, 21-45.	2.2	6
38	Asymptotic Distribution of Density-Dependent Stage-Grouped Population Dynamics Models. Acta Biotheoretica, 2008, 56, 137-155.	1.5	5
39	Influence and sensitivity measures in correspondence analysis. Statistics, 2004, 38, 207-215.	0.6	4
40	Detecting multi-way epistasis in family-based association studies. Briefings in Bioinformatics, 2016, 18, bbw039.	6.5	4
41	Collective effectiveness in the *XV de France:* selections and time matter. European Journal of Sport Science, 2017, 17, 656-664.	2.7	4
42	A Criterion Based on the Mahalanobis Distance for Cluster Analysis with Subsampling. Journal of Classification, 2012, 29, 23-49.	2.2	3
43	Spatial CART classification trees. Computational Statistics, 2021, 36, 2591-2613.	1.5	3
44	CASCARO: Cascade of classifiers for minimizing the cost of prediction. Pattern Recognition Letters, 2021, 149, 37-43.	4.2	3
45	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
46	Influence of missing data on compact designs for spacing experiments. Journal of Applied Statistics, 2002, 29, 1229-1240.	1.3	2
47	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
48	Cluster analysis for two-level data sets: Classifying tree species from individual measurements. Ecological Informatics, 2013, 15, 1-7.	5.2	2
49	Maximum likelihood procedure adapted to sampling schemes. Journal of Statistical Planning and Inference, 1998, 70, 277-286.	0.6	1
50	SOME COMMENTS ON FALSE DISCOVERY RATE. Journal of Bioinformatics and Computational Biology, 2007, 05, 987-990.	0.8	1
51	Application of calibrated image-derived input function to a clinical protocol. Nuclear Medicine Communications, 2014, 35, 1188-1189.	1.1	1
52	An iterative procedure for differential analysis of gene expression. Comptes Rendus Mathematique, 2003, 337, 343-346.	0.3	0
53	Influence measures and stability for graphical models. Journal of Multivariate Analysis, 2016, 147, 145-154.	1.0	0
54	Response to Predictors of Long-Term Sick Leave in the Workplace. Journal of Occupational and Environmental Medicine, 2019, 61, e533.	1.7	0

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55	Analyse statistique des profils et de l'activité des participants d'un MOOC. World Journal of Pediatrics, 2015, 12, 11-22.	1.8	0
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