Michael J Greenacre

List of Publications by Year
in descending order

103	4,728	147566	143772
papers	citations	31 h-index	57 g-index

115	115	115	4799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fatty acid ratio analysis identifies changes in competent meroplanktonic larvae sampled over different supply events. Marine Environmental Research, 2022, 173, 105517.	1.1	4
2	A comparison of isometric and amalgamation logratio balances in compositional data analysis. Computers and Geosciences, 2021, 148, 104621.	2.0	19
3	Compositional Data Analysis. Annual Review of Statistics and Its Application, 2021, 8, 271-299.	4.1	63
4	Arctic sea ice algae differ markedly from phytoplankton in their ecophysiological characteristics. Marine Ecology - Progress Series, 2021, 666, 31-55.	0.9	4
5	Making the most of expert knowledge to analyse archaeological data: a case study on Parthian and Sasanian glazed pottery. Archaeological and Anthropological Sciences, 2021, 13, 1.	0.7	9
6	Compositional Data Analysis of Microbiome and Any-Omics Datasets: A Validation of the Additive Logratio Transformation. Frontiers in Microbiology, 2021, 12, 727398.	1.5	47
7	Erosion Dynamics of Cultivated Kelp, Saccharina latissima, and Implications for Environmental Management and Carbon Sequestration. Frontiers in Marine Science, 2021, 8, .	1.2	13
8	Comprehensive functional core microbiome comparison in genetically obese and lean hosts under the same environment. Communications Biology, 2021, 4, 1246.	2.0	14
9	A short history of statistical association: From correlation to correspondence analysis to copulas. Journal of Multivariate Analysis, 2021, 188, 104901.	0.5	3
10	Amalgamations are valid in compositional data analysis, can be used in agglomerative clustering, and their logratios have an inverse transformation. Applied Computing and Geosciences, 2020, 5, 100017.	1.0	27
11	Spatial and Temporal Variability of Ice Algal Trophic Markersâ€"With Recommendations about Their Application. Journal of Marine Science and Engineering, 2020, 8, 676.	1.2	18
12	The selection and analysis of fatty acid ratios: A new approach for the univariate and multivariate analysis of fatty acid trophic markers in marine pelagic organisms. Limnology and Oceanography: Methods, 2020, 18, 196-210.	1.0	29
13	Variable Selection in Compositional Data Analysis Using Pairwise Logratios. Mathematical Geosciences, 2019, 51, 649-682.	1.4	59
14	Comments on: Compositional data: the sample space and its structure. Test, 2019, 28, 644-652.	0.7	7
15	Food sources of macrozoobenthos in an Arctic kelp belt: trophic relationships revealed by stable isotope and fatty acid analyses. Marine Ecology - Progress Series, 2019, 615, 31-49.	0.9	17
16	Temporal changes in benthic macrofauna on the west coast of Norway resulting from human activities. Marine Pollution Bulletin, 2018, 128, 483-495.	2.3	29
17	Megabenthic assemblages in the continental shelf edge and upper slope of the Menorca Channel, Western Mediterranean Sea. Progress in Oceanography, 2018, 162, 40-51.	1.5	34
18	Fast reactivation of photosynthesis in arctic phytoplankton during the polar night¹. Journal of Phycology, 2018, 54, 461-470.	1.0	43

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19	Information Sources Used by European Tourists: A Cross-National Study. Journal of Travel Research, 2018, 57, 193-205.	5.8	8
20	Functional roles and redundancy of demersal Barents Sea fish: Ecological implications of environmental change. PLoS ONE, 2018, 13, e0207451.	1.1	19
21	Large-scale patterns in community structure of benthos and fish in the Barents Sea. Polar Biology, 2017, 40, 237-246.	0.5	23
22	Ordination with any dissimilarity measure: a weighted Euclidean solution. Ecology, 2017, 98, 2293-2300.	1.5	12
23	â€˜Sizeâ€™ and â€˜shapeâ€™ in the measurement of multivariate proximity. Methods in Ecology and Evolution, 2017, 8, 1415-1424.	2.2	16
24	Trophic level and fatty acids in harp seals compared with common minke whales in the Barents Sea. Marine Biology Research, 2017, 13, 919-932.	0.3	19
25	Distribution and population structure of deepâ€dwelling red coral in the Northwest Mediterranean. Marine Ecology, 2016, 37, 294-310.	0.4	22
26	Data reporting and visualization in ecology. Polar Biology, 2016, 39, 2189-2205.	0.5	31
27	Weighted Euclidean Biplots. Journal of Classification, 2016, 33, 442-459.	1.2	9
28	Fatty acids in common minke whale (Balaenoptera acutorostrata) blubber reflect the feeding area and food selection, but also high endogenous metabolism. Marine Biology Research, 2016, 12, 221-238.	0.3	15
29	Climatic and ecological drivers of euphausiid community structure vary spatially in the Barents Sea: relationships from a long time series (1952Ã¢â‚¬â€œ2009). Frontiers in Marine Science, 2015, 1, .	1.2	29
30	Arctic pelagic amphipods: lipid dynamics and life strategy. Journal of Plankton Research, 2015, 37, 790-807.	0.8	29
31	Correspondence Analysis. , 2015, , 1-5.		5
32	Quantifying the light sensitivity of Calanus spp. during the polar night: potential for orchestrated migrations conducted by ambient light from the sun, moon, or aurora borealis?. Polar Biology, 2015, 38, 51-65.	0.5	54
33	Interpreting environmental change in coastal Alaska using traditional and scientific ecological knowledge. Frontiers in Marine Science, 2014, 1, .	1.2	14
34	International Segmentation Using Biplots: A Diffusion Approach. Journal of Global Marketing, 2014, 27, 344-356.	2.0	4
35	Functional diversity of the Barents Sea fish community. Marine Ecology - Progress Series, 2014, 495, 205-218.	0.9	53
36	Contribution Biplots. Journal of Computational and Graphical Statistics, 2013, 22, 107-122.	0.9	56

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37	Spatial distribution patterns of the soft corals Alcyonium acaule and Alcyonium palmatum in coastal bottoms (Cap de Creus, northwestern Mediterranean Sea). Marine Biology, 2013, 160, 3059-3070.	0.7	35
38	The contributions of rare objects in correspondence analysis. Ecology, 2013, 94, 241-249.	1.5	34
39	Fuzzy coding in constrained ordinations. Ecology, 2013, 94, 280-286.	1.5	16
40	Correspondence Analysis. , 2013, , .		2
41	Bathymetrical distribution and size structure of cold-water coral populations in the Cap de Creus and Lacaze-Duthiers canyons (northwestern Mediterranean). Biogeosciences, 2013, 10, 2049-2060.	1.3	117
42	Change in Fish Community Structure in the Barents Sea. PLoS ONE, 2013, 8, e62748.	1.1	20
43	Biplots: the joy of singular value decomposition. Wiley Interdisciplinary Reviews: Computational Statistics, 2012, 4, 399-406.	2.1	10
44	Benthic fauna and functional traits along a Polar Front transect in the Barents Sea â€“ Advancing tools for ecosystem-scale assessments. Journal of Marine Systems, 2012, 94, 204-217.	0.9	51
45	Climatic regulation of Clinocardium ciliatum (bivalvia) growth in the northwestern Barents Sea. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 302, 10-20.	1.0	20
46	Biplots of fuzzy coded data. Fuzzy Sets and Systems, 2011, 183, 57-71.	1.6	27
47	Measuring Subcompositional Incoherence. Mathematical Geosciences, 2011, 43, 681-693.	1.4	46
48	Log-Ratio Analysis Is a Limiting Case ofÂCorrespondence Analysis. Mathematical Geosciences, 2010, 42, 129-134.	1.4	42
49	Dynamic visualization of statistical learning in the context of high-dimensional textual data. Web Semantics, 2010, 8, 163-168.	2.2	9
50	Correspondence analysis. Wiley Interdisciplinary Reviews: Computational Statistics, 2010, 2, 613-619.	2.1	61
51	Canonical Correspondence Analysis in Social Science Research. Studies in Classification, Data Analysis, and Knowledge Organization, 2010, , 279-286.	0.1	4
52	Correspondence analysis of raw data. Ecology, 2010, 91, 958-963.	1.5	40
53	Distributional Equivalence and Subcompositional Coherence in the Analysis of Compositional Data, Contingency Tables and Ratio-Scale Measurements. Journal of Classification, 2009, 26, 29-54.	1.2	58
54	Power transformations in correspondence analysis. Computational Statistics and Data Analysis, 2009, 53, 3107-3116.	0.7	54

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55	Dynamic graphics for research and teaching, with applications in the life sciences. , 2009, , .		0
56	Exploratory data analysis leading towards the most interesting simple association rules. Computational Statistics and Data Analysis, 2008, 52, 3269-3281.	0.7	7
57	CARME-N â€" Correspondence Analysis and Related Methods Network CARME 2007. BMS Bulletin of Sociological Methodology/ Bulletin De Methodologie Sociologique, 2008, 99, 73-81.	0.4	1
58	Correspondence Analysis inR, with Two- and Three-dimensional Graphics: ThecaPackage. Journal of Statistical Software, 2007, 20, .	1.8	138
59	Variation in Serripes groenlandicus (Bivalvia) growth in a Norwegian high-Arctic fjord: evidence for local- and large-scale climatic forcing. Global Change Biology, 2006, 12, 1595-1607.	4.2	79
60	Subset Correspondence Analysis. Sociological Methods and Research, 2006, 35, 193-218.	4.3	44
61	Tying up the loose ends in simple, multiple, joint correspondence analysis. , 2006, , 163-185.		11
62	Weighted Metric Multidimensional Scaling. , 2005, , 141-149.		10
63	Singular value decomposition of matched matrices. Journal of Applied Statistics, 2003, 30, 1101-1113.	0.6	16
64	Correspondence analysis of the Spanish National Health Survey. Gaceta Sanitaria, 2002, 16, 160-170.	0.6	31
65	Dual scaling and correspondence analysis of preferences, paired comparisons and ratings. International Journal of Research in Marketing, 2002, 19, 401-405.	2.4	19
66	Biplots of compositional data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2002, 51, 375-392.	0.5	491
67	Tying Up the Loose Ends in Simple Correspondence Analysis. SSRN Electronic Journal, 2001, , .	0.4	2
68	Correspondence analysis of square asymmetric matrices. Journal of the Royal Statistical Society Series C: Applied Statistics, 2000, 49, 297-310.	0.5	31
69	Diagnostics for Joint Displays in Correspondence Analysis. , 1998, , 221-238.		2
70	Unfolding a symmetric matrix. Journal of Classification, 1996, 13, 81-105.	1.2	3
71	Biplots in correspondence analysis. Journal of Applied Statistics, 1993, 20, 251-269.	0.6	105
72	Multivariate generalisations of correspondence analysis. , 1993, , 327-340.		9

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73	Different Geometric Approaches to Correspondence Analysis of Multivariate Data. Studies in Classification, Data Analysis, and Knowledge Organization, 1993, , 190-200.	0.1	0
74	Correspondence analysis in medical research. Statistical Methods in Medical Research, 1992, 1, 97-117.	0.7	209
75	Antitar Tooth-Paste: The Statistical Story. Journal of the Royal Statistical Society Series A: Statistics in Society, 1991, 154, 101.	0.6	0
76	Interpreting multiple correspondence analysis. Applied Stochastic Models and Data Analysis, 1991, 7, 195-210.	0.6	69
77	The Carroll-Green-Schaffer Scaling in Correspondence Analysis: A Theoretical and Empirical Appraisal. Journal of Marketing Research, 1989, 26, 358-365.	3.0	60
78	The Carroll-Green-Schaffer Scaling in Correspondence Analysis: A Theoretical and Empirical Appraisal. Journal of Marketing Research, 1989, 26, 358.	3.0	49
79	Clustering the rows and columns of a contingency table. Journal of Classification, 1988, 5, 39-51.	1.2	89
80	Correspondence analysis of multivariate categorical data by weighted least-squares. Biometrika, 1988, 75, 457-467.	1.3	127
81	I.D.A.â^—. Journal of Applied Statistics, 1987, 14, 185-185.	0.6	2
82	The Geometric Interpretation of Correspondence Analysis. Journal of the American Statistical Association, 1987, 82, 437-447.	1.8	315
83	Correspondence analysis on a personal computer. Chemometrics and Intelligent Laboratory Systems, 1987, 2, 233-234.	1.8	13
84	An efficient alternating least-squares algorithm to perform multidimensional unfolding. Psychometrika, 1986, 51, 241-250.	1.2	29
85	Effects of Personal, Environmental and Occupational Factors on Ischaemic Heart Disease in White Miners in South Africa. International Journal of Epidemiology, 1986, 15, 507-512.	0.9	1
86	SIMCA: A Program to Perform Simple Correspondence Analysis. American Statistician, 1986, 40, 230.	0.9	42
87	Graphical Display and Interpretation of Antelope Census Data in African Wildlife Areas, Using Correspondence Analysis. Ecology, 1984, 65, 984-997.	1.5	128
88	Analysis of Categorical Data: Dual Scaling and its Applications.. Journal of the American Statistical Association, 1984, 79, 953.	1.8	1
89	SCALING A DATA MATRIX IN A LOW-DIMENSIONAL EUCLIDEAN SPACE. , 1982, , 183-268.		47
90	Measures of Fit in Multiple Correspondence Analysis of Crisp and Fuzzy Coded Data. SSRN Electronic Journal, 0, , .	0.4	4

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91	Canonical Correspondence Analysis in Social Science Research. SSRN Electronic Journal, 0, , .	0.4	0
92	Compositional Data Analysis in Practice. , 0, , .		95
93	Correspondence Analysis in Practice. , 0, , .		819
94	Power Transformations in Correspondence Analysis. SSRN Electronic Journal, 0, , .	0.4	3
95	Dynamic Perceptual Mapping. SSRN Electronic Journal, 0, , .	0.4	1
96	From Correspondence Analysis to Multiple and Joint Correspondence Analysis. SSRN Electronic Journal, 0, , .	0.4	4
97	The Geometric Interpretation of Correspondence Analysis. , 0, .		55
98	A Note on the Dual Scaling of Dominance Data and its Relationship to Correspondence Analysis. SSRN Electronic Journal, 0, , .	0.4	2
99	Distributional Equivalence and Subcompositional Coherence in the Analysis of Contingency Tables, Ratio-Scale Measurements and Compositional Data. SSRN Electronic Journal, 0, , .	0.4	4
100	Measuring Subcompositional Incoherence. SSRN Electronic Journal, 0, , .	0.4	0
101	Dynamic Graphics of Parametrically Linked Multivariate Methods Used in Compositional Data Analysis. SSRN Electronic Journal, 0, , .	0.4	1
102	Correspondence Analysis of Raw Data. SSRN Electronic Journal, 0, , .	0.4	0
103	The Standard Biplot. SSRN Electronic Journal, 0, , .	0.4	0