

# Michael J Greenacre

## List of Publications by Year in descending order

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103  
papers

4,728  
citations

147566

31  
h-index

143772

57  
g-index

115  
all docs

115  
docs citations

115  
times ranked

4799  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correspondence Analysis in Practice. , 0, , .		819
2	Biplots of compositional data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2002, 51, 375-392.	0.5	491
3	The Geometric Interpretation of Correspondence Analysis. Journal of the American Statistical Association, 1987, 82, 437-447.	1.8	315
4	Correspondence analysis in medical research. Statistical Methods in Medical Research, 1992, 1, 97-117.	0.7	209
5	Correspondence Analysis in <i>R</i> , with Two- and Three-dimensional Graphics: The <i>ca</i> Package. Journal of Statistical Software, 2007, 20, .	1.8	138
6	Graphical Display and Interpretation of Antelope Census Data in African Wildlife Areas, Using Correspondence Analysis. Ecology, 1984, 65, 984-997.	1.5	128
7	Correspondence analysis of multivariate categorical data by weighted least-squares. Biometrika, 1988, 75, 457-467.	1.3	127
8	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
9	Biplots in correspondence analysis. Journal of Applied Statistics, 1993, 20, 251-269.	0.6	105
10	Compositional Data Analysis in Practice. , 0, , .		95
11	Clustering the rows and columns of a contingency table. Journal of Classification, 1988, 5, 39-51.	1.2	89
12	Variation in <i>Serripes groenlandicus</i> (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
13	Interpreting multiple correspondence analysis. Applied Stochastic Models and Data Analysis, 1991, 7, 195-210.	0.6	69
14	Compositional Data Analysis. Annual Review of Statistics and Its Application, 2021, 8, 271-299.	4.1	63
15	Correspondence analysis. Wiley Interdisciplinary Reviews: Computational Statistics, 2010, 2, 613-619.	2.1	61
16	The Carroll-Green-Schaffer Scaling in Correspondence Analysis: A Theoretical and Empirical Appraisal. Journal of Marketing Research, 1989, 26, 358-365.	3.0	60
17	Variable Selection in Compositional Data Analysis Using Pairwise Logratios. Mathematical Geosciences, 2019, 51, 649-682.	1.4	59
18	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

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19	Contribution Biplots. <i>Journal of Computational and Graphical Statistics</i> , 2013, 22, 107-122.	0.9	56
20	The Geometric Interpretation of Correspondence Analysis. , 0, .		55
21	Power transformations in correspondence analysis. <i>Computational Statistics and Data Analysis</i> , 2009, 53, 3107-3116.	0.7	54
22	Quantifying the light sensitivity of <i>Calanus</i> spp. during the polar night: potential for orchestrated migrations conducted by ambient light from the sun, moon, or aurora borealis?. <i>Polar Biology</i> , 2015, 38, 51-65.	0.5	54
23	Functional diversity of the Barents Sea fish community. <i>Marine Ecology - Progress Series</i> , 2014, 495, 205-218.	0.9	53
24	Benthic fauna and functional traits along a Polar Front transect in the Barents Sea – Advancing tools for ecosystem-scale assessments. <i>Journal of Marine Systems</i> , 2012, 94, 204-217.	0.9	51
25	The Carroll-Green-Schaffer Scaling in Correspondence Analysis: A Theoretical and Empirical Appraisal. <i>Journal of Marketing Research</i> , 1989, 26, 358.	3.0	49
26	SCALING A DATA MATRIX IN A LOW-DIMENSIONAL EUCLIDEAN SPACE. , 1982, , 183-268.		47
27	Compositional Data Analysis of Microbiome and Any-Omics Datasets: A Validation of the Additive Logratio Transformation. <i>Frontiers in Microbiology</i> , 2021, 12, 727398.	1.5	47
28	Measuring Subcompositional Incoherence. <i>Mathematical Geosciences</i> , 2011, 43, 681-693.	1.4	46
29	Subset Correspondence Analysis. <i>Sociological Methods and Research</i> , 2006, 35, 193-218.	4.3	44
30	Fast reactivation of photosynthesis in arctic phytoplankton during the polar night <sup>1</sup> . <i>Journal of Phycology</i> , 2018, 54, 461-470.	1.0	43
31	SIMCA: A Program to Perform Simple Correspondence Analysis. <i>American Statistician</i> , 1986, 40, 230.	0.9	42
32	Log-Ratio Analysis Is a Limiting Case of Correspondence Analysis. <i>Mathematical Geosciences</i> , 2010, 42, 129-134.	1.4	42
33	Correspondence analysis of raw data. <i>Ecology</i> , 2010, 91, 958-963.	1.5	40
34	Spatial distribution patterns of the soft corals <i>Alcyonium acaule</i> and <i>Alcyonium palmatum</i> in coastal bottoms (Cap de Creus, northwestern Mediterranean Sea). <i>Marine Biology</i> , 2013, 160, 3059-3070.	0.7	35
35	The contributions of rare objects in correspondence analysis. <i>Ecology</i> , 2013, 94, 241-249.	1.5	34
36	Megabenthic assemblages in the continental shelf edge and upper slope of the Menorca Channel, Western Mediterranean Sea. <i>Progress in Oceanography</i> , 2018, 162, 40-51.	1.5	34

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37	Correspondence analysis of square asymmetric matrices. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2000, 49, 297-310.	0.5	31
38	Correspondence analysis of the Spanish National Health Survey. <i>Gaceta Sanitaria</i> , 2002, 16, 160-170.	0.6	31
39	Data reporting and visualization in ecology. <i>Polar Biology</i> , 2016, 39, 2189-2205.	0.5	31
40	An efficient alternating least-squares algorithm to perform multidimensional unfolding. <i>Psychometrika</i> , 1986, 51, 241-250.	1.2	29
41	Climatic and ecological drivers of euphausiid community structure vary spatially in the Barents Sea: relationships from a long time series (1952-2009). <i>Frontiers in Marine Science</i> , 2015, 1, .	1.2	29
42	Arctic pelagic amphipods: lipid dynamics and life strategy. <i>Journal of Plankton Research</i> , 2015, 37, 790-807.	0.8	29
43	Temporal changes in benthic macrofauna on the west coast of Norway resulting from human activities. <i>Marine Pollution Bulletin</i> , 2018, 128, 483-495.	2.3	29
44	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. <i>Limnology and Oceanography: Methods</i> , 2020, 18, 196-210.	1.0	29
45	Biplots of fuzzy coded data. <i>Fuzzy Sets and Systems</i> , 2011, 183, 57-71.	1.6	27
46	Amalgamations are valid in compositional data analysis, can be used in agglomerative clustering, and their logratios have an inverse transformation. <i>Applied Computing and Geosciences</i> , 2020, 5, 100017.	1.0	27
47	Large-scale patterns in community structure of benthos and fish in the Barents Sea. <i>Polar Biology</i> , 2017, 40, 237-246.	0.5	23
48	Distribution and population structure of deep-dwelling red coral in the Northwest Mediterranean. <i>Marine Ecology</i> , 2016, 37, 294-310.	0.4	22
49	Climatic regulation of <i>Clinocardium ciliatum</i> (bivalvia) growth in the northwestern Barents Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 302, 10-20.	1.0	20
50	Change in Fish Community Structure in the Barents Sea. <i>PLoS ONE</i> , 2013, 8, e62748.	1.1	20
51	Dual scaling and correspondence analysis of preferences, paired comparisons and ratings. <i>International Journal of Research in Marketing</i> , 2002, 19, 401-405.	2.4	19
52	Trophic level and fatty acids in harp seals compared with common minke whales in the Barents Sea. <i>Marine Biology Research</i> , 2017, 13, 919-932.	0.3	19
53	Functional roles and redundancy of demersal Barents Sea fish: Ecological implications of environmental change. <i>PLoS ONE</i> , 2018, 13, e0207451.	1.1	19
54	A comparison of isometric and amalgamation logratio balances in compositional data analysis. <i>Computers and Geosciences</i> , 2021, 148, 104621.	2.0	19

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55	Spatial and Temporal Variability of Ice Algal Trophic Markersâ€™ With Recommendations about Their Application. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 676.	1.2	18
56	Food sources of macrozoobenthos in an Arctic kelp belt: trophic relationships revealed by stable isotope and fatty acid analyses. <i>Marine Ecology - Progress Series</i> , 2019, 615, 31-49.	0.9	17
57	Singular value decomposition of matched matrices. <i>Journal of Applied Statistics</i> , 2003, 30, 1101-1113.	0.6	16
58	Fuzzy coding in constrained ordinations. <i>Ecology</i> , 2013, 94, 280-286.	1.5	16
59	â€˜Sizeâ€™ <sup>TM</sup> and â€˜shapeâ€™ <sup>TM</sup> in the measurement of multivariate proximity. <i>Methods in Ecology and Evolution</i> , 2017, 8, 1415-1424.	2.2	16
60	Fatty acids in common minke whale ( <i>Balaenoptera acutorostrata</i> ) blubber reflect the feeding area and food selection, but also high endogenous metabolism. <i>Marine Biology Research</i> , 2016, 12, 221-238.	0.3	15
61	Interpreting environmental change in coastal Alaska using traditional and scientific ecological knowledge. <i>Frontiers in Marine Science</i> , 2014, 1, .	1.2	14
62	Comprehensive functional core microbiome comparison in genetically obese and lean hosts under the same environment. <i>Communications Biology</i> , 2021, 4, 1246.	2.0	14
63	Correspondence analysis on a personal computer. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1987, 2, 233-234.	1.8	13
64	Erosion Dynamics of Cultivated Kelp, <i>Saccharina latissima</i> , and Implications for Environmental Management and Carbon Sequestration. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	13
65	Ordination with any dissimilarity measure: a weighted Euclidean solution. <i>Ecology</i> , 2017, 98, 2293-2300.	1.5	12
66	Tying up the loose ends in simple, multiple, joint correspondence analysis. , 2006, , 163-185.		11
67	Weighted Metric Multidimensional Scaling. , 2005, , 141-149.		10
68	Biplots: the joy of singular value decomposition. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2012, 4, 399-406.	2.1	10
69	Dynamic visualization of statistical learning in the context of high-dimensional textual data. <i>Web Semantics</i> , 2010, 8, 163-168.	2.2	9
70	Weighted Euclidean Biplots. <i>Journal of Classification</i> , 2016, 33, 442-459.	1.2	9
71	Making the most of expert knowledge to analyse archaeological data: a case study on Parthian and Sasanian glazed pottery. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	0.7	9
72	Multivariate generalisations of correspondence analysis. , 1993, , 327-340.		9

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73	Information Sources Used by European Tourists: A Cross-National Study. <i>Journal of Travel Research</i> , 2018, 57, 193-205.	5.8	8
74	Exploratory data analysis leading towards the most interesting simple association rules. <i>Computational Statistics and Data Analysis</i> , 2008, 52, 3269-3281.	0.7	7
75	Comments on: Compositional data: the sample space and its structure. <i>Test</i> , 2019, 28, 644-652.	0.7	7
76	Correspondence Analysis. , 2015, , 1-5.		5
77	Measures of Fit in Multiple Correspondence Analysis of Crisp and Fuzzy Coded Data. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
78	Canonical Correspondence Analysis in Social Science Research. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2010, , 279-286.	0.1	4
79	International Segmentation Using Biplots: A Diffusion Approach. <i>Journal of Global Marketing</i> , 2014, 27, 344-356.	2.0	4
80	Arctic sea ice algae differ markedly from phytoplankton in their ecophysiological characteristics. <i>Marine Ecology - Progress Series</i> , 2021, 666, 31-55.	0.9	4
81	From Correspondence Analysis to Multiple and Joint Correspondence Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
82	Distributional Equivalence and Subcompositional Coherence in the Analysis of Contingency Tables, Ratio-Scale Measurements and Compositional Data. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
83	Fatty acid ratio analysis identifies changes in competent meroplanktonic larvae sampled over different supply events. <i>Marine Environmental Research</i> , 2022, 173, 105517.	1.1	4
84	Unfolding a symmetric matrix. <i>Journal of Classification</i> , 1996, 13, 81-105.	1.2	3
85	Power Transformations in Correspondence Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
86	A short history of statistical association: From correlation to correspondence analysis to copulas. <i>Journal of Multivariate Analysis</i> , 2021, 188, 104901.	0.5	3
87	I.D.A.â—. <i>Journal of Applied Statistics</i> , 1987, 14, 185-185.	0.6	2
88	Tying Up the Loose Ends in Simple Correspondence Analysis. <i>SSRN Electronic Journal</i> , 2001, , .	0.4	2
89	Correspondence Analysis. , 2013, , .		2
90	A Note on the Dual Scaling of Dominance Data and its Relationship to Correspondence Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2

#	ARTICLE	IF	CITATIONS
91	Diagnostics for Joint Displays in Correspondence Analysis. , 1998, , 221-238.		2
92	Analysis of Categorical Data: Dual Scaling and its Applications.. Journal of the American Statistical Association, 1984, 79, 953.	1.8	1
93	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
94	CARME-N " Correspondence Analysis and Related Methods Network CARME 2007. BMS Bulletin of Sociological Methodology/ Bulletin De Methodologie Sociologique, 2008, 99, 73-81.	0.4	1
95	Dynamic Perceptual Mapping. SSRN Electronic Journal, 0, , .	0.4	1
96	Dynamic Graphics of Parametrically Linked Multivariate Methods Used in Compositional Data Analysis. SSRN Electronic Journal, 0, , .	0.4	1
97	Antitar Tooth-Paste: The Statistical Story. Journal of the Royal Statistical Society Series A: Statistics in Society, 1991, 154, 101.	0.6	0
98	Canonical Correspondence Analysis in Social Science Research. SSRN Electronic Journal, 0, , .	0.4	0
99	Dynamic graphics for research and teaching, with applications in the life sciences. , 2009, , .		0
100	Measuring Subcompositional Incoherence. SSRN Electronic Journal, 0, , .	0.4	0
101	Correspondence Analysis of Raw Data. SSRN Electronic Journal, 0, , .	0.4	0
102	The Standard Biplot. SSRN Electronic Journal, 0, , .	0.4	0
103	Different Geometric Approaches to Correspondence Analysis of Multivariate Data. Studies in Classification, Data Analysis, and Knowledge Organization, 1993, , 190-200.	0.1	0