

# Daniel Borcard

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

14,414  
citations

304368

22  
h-index

395343

33  
g-index

38  
all docs

38  
docs citations

38  
times ranked

14545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Partialling out the Spatial Component of Ecological Variation. <i>Ecology</i> , 1992, 73, 1045-1055.	1.5	3,619
2	VARIATION PARTITIONING OF SPECIES DATA MATRICES: ESTIMATION AND COMPARISON OF FRACTIONS. <i>Ecology</i> , 2006, 87, 2614-2625.	1.5	1,875
3	FORWARD SELECTION OF EXPLANATORY VARIABLES. <i>Ecology</i> , 2008, 89, 2623-2632.	1.5	1,766
4	Numerical Ecology with R. , 2011, , .		1,684
5	All-scale spatial analysis of ecological data by means of principal coordinates of neighbour matrices. <i>Ecological Modelling</i> , 2002, 153, 51-68.	1.2	1,671
6	ANALYZING BETA DIVERSITY: PARTITIONING THE SPATIAL VARIATION OF COMMUNITY COMPOSITION DATA. <i>Ecological Monographs</i> , 2005, 75, 435-450.	2.4	1,014
7	DISSECTING THE SPATIAL STRUCTURE OF ECOLOGICAL DATA AT MULTIPLE SCALES. <i>Ecology</i> , 2004, 85, 1826-1832.	1.5	778
8	Environmental control and spatial structure in ecological communities: an example using oribatid mites (Acari, Oribatei). <i>Environmental and Ecological Statistics</i> , 1994, 1, 37-61.	1.9	279
9	Should the Mantel test be used in spatial analysis?. <i>Methods in Ecology and Evolution</i> , 2015, 6, 1239-1247.	2.2	276
10	Modelling directional spatial processes in ecological data. <i>Ecological Modelling</i> , 2008, 215, 325-336.	1.2	261
11	Explaining variation in tropical plant community composition: influence of environmental and spatial data quality. <i>Oecologia</i> , 2008, 155, 593-604.	0.9	178
12	Is the Mantel correlogram powerful enough to be useful in ecological analysis? A simulation study. <i>Ecology</i> , 2012, 93, 1473-1481.	1.5	161
13	Variation partitioning involving orthogonal spatial eigenfunction submodels. <i>Ecology</i> , 2012, 93, 1234-1240.	1.5	92
14	Community surveys through space and time: testing the spaceâ€time interaction in the absence of replication. <i>Ecology</i> , 2010, 91, 262-272.	1.5	84
15	ANALYZING OR EXPLAINING BETA DIVERSITY? COMMENT. <i>Ecology</i> , 2008, 89, 3238-3244.	1.5	81
16	Title is missing!. <i>Environmental and Ecological Statistics</i> , 1998, 5, 1-27.	1.9	68
17	Boxâ€Coxâ€chord transformations for community composition data prior to beta diversity analysis. <i>Ecography</i> , 2018, 41, 1820-1824.	2.1	67
18	SPATIAL ORGANIZATION OF A HERPETOFAUNA ON AN ELEVATIONAL GRADIENT REVEALED BY NULL MODEL TESTS. <i>Ecology</i> , 1999, 80, 976-988.	1.5	62

#	ARTICLE	IF	CITATIONS
19	Multiscale spatial distribution of a littoral fish community in relation to environmental variables. <i>Limnology and Oceanography</i> , 2005, 50, 465-479.	1.6	59
20	A new approach to ecological land classification for the Canadian boreal forest that integrates disturbances. <i>Landscape Ecology</i> , 2014, 29, 1-16.	1.9	44
21	Canonical Ordination. , 2011, , 153-225.		39
22	Using paleoecology to improve reference conditions for ecosystem-based management in western spruce-moss subdomain of QuÃ©bec. <i>Forest Ecology and Management</i> , 2018, 430, 157-165.	1.4	30
23	Relating niche and spatial overlap at the community level. <i>Oikos</i> , 2004, 106, 366-376.	1.2	29
24	Ecotones and gradient as determinants of herpetofaunal community structure in the primary forest of Mount Kupe, Cameroon. <i>Journal of Tropical Ecology</i> , 2000, 16, 517-533.	0.5	26
25	Cascade multivariate regression tree: a novel approach for modelling nested explanatory sets. <i>Methods in Ecology and Evolution</i> , 2012, 3, 234-244.	2.2	23
26	Oribatid mites (Acari, Oribatida) of a primary peat bog-pasture transition in the Swiss Jura mountains. <i>Ecoscience</i> , 1997, 4, 470-479.	0.6	22
27	Canonical Ordination. Use R!, 2018, , 203-297.	0.3	21
28	Spatial Analysis of Ecological Data. Use R!, 2018, , 299-367.	0.3	20
29	Effects of dry grassland management on spider (Arachnida: Araneae) communities on the Swiss occidental plateau. <i>Ecoscience</i> , 2001, 8, 32-44.	0.6	12
30	Toward management guidelines for soybean aphid, <i>Aphis glycines</i> , in Quebec. II. Spatial distribution of aphid populations in commercial soybean fields. <i>Canadian Entomologist</i> , 2008, 140, 219-234.	0.4	10
31	Drivers of contemporary landscape vegetation heterogeneity in the Canadian boreal forest: Integrating disturbances (natural and human) with climate and physical environment. <i>Ecoscience</i> , 2014, 21, 340-373.	0.6	4
32	Association Measures and Matrices. Use R!, 2018, , 35-57.	0.3	4
33	Community Diversity. Use R!, 2018, , 369-412.	0.3	4