Carlo Ricotta

List of Publications by Year
in descending order

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181 papers	7,005 citations	61945 43 h-index	79644 73 g-index
191 all docs	191 docs citations	191 times ranked	8272 citing authors

#	Article	IF	Citations
1	A new parametric measure of functional dissimilarity: Bridging the gap between the Bray-Curtis dissimilarity and the Euclidean distance. Ecological Modelling, 2022, 466, 109880.	1.2	8
2	Identifying typical and early warning species by the combination of functional-based diagnostic species and dark diversity. Biodiversity and Conservation, 2022, 31, 1735-1753.	1.2	6
3	Trade-offs in the conservation of phylogenetically distinctive species. Biological Conservation, 2022, 270, 109565.	1.9	3
4	Functional imbalance not functional evenness is the third component of community structure. Ecological Indicators, 2022, 140, 109035.	2.6	6
5	Phenotypic dissimilarity index: Correcting for intraâ€•and interindividual variability when quantifying phenotypic variation. Ecology, 2022, 103, .	1.5	4
6	Contrasting Impacts of Cultivated Exotics on the Functional Diversity of Domestic Gardens in Three Regions with Different Aridity. Ecosystems, 2021, 24, 875-890.	1.6	2
7	Plant invasion as an emerging challenge for the conservation of heritage sites: the spread of ornamental trees on ancient monuments in Rome, Italy. Biological Invasions, 2021, 23, 1191-1206.	1.2	34
8	A new method for indicator species analysis in the framework of multivariate analysis of variance. Journal of Vegetation Science, 2021, 32, e13013.	1.1	3
9	Beta redundancy for functional ecology. Methods in Ecology and Evolution, 2021, 12, 1062-1069.	2.2	5
10	From zero to infinity: Minimum to maximum diversity of the planet by spatioâ€parametric Raoâ€™s quadratic entropy. Global Ecology and Biogeography, 2021, 30, 1153-1162.	2.7	21
11	Measuring diversity from space: a global view of the free and open source rasterdiv R package under a coding perspective. Community Ecology, 2021, 22, 1-11.	0.5	9
12	rasterdivâ€”An Information Theory tailored R package for measuring ecosystem heterogeneity from space: To the origin and back. Methods in Ecology and Evolution, 2021, 12, 1093-1102.	2.2	33
13	A framework for understanding how biodiversity patterns unfold across multiple spatial scales in urban ecosystems. Ecosphere, 2021, 12, e03650.	1.0	24
14	From the euclidean distance to compositional dissimilarity: What is gained and what is lost. Acta Oecologica, 2021, 111, 103732.	0.5	7
15	Towards a unifying framework for diversity and dissimilarity coefficients. Ecological Indicators, 2021, 129, 107971.	2.6	10
16	On the relationships between rarity, uniqueness, distinctiveness, originality and functional/phylogenetic diversity. Biological Conservation, 2021, 263, 109356.	1.9	8
17	On two dissimilarity-based measures of functional beta diversity. Ecological Informatics, 2021, 66, 101458.	2.3	1
18	Complementing daily fire-danger assessment using a novel metric based on burnt area ranking. Agricultural and Forest Meteorology, 2020, 295, 108172.	1.9	5

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19	From abundance-based to functional-based indicator species. Ecological Indicators, 2020, 118, 106761.	2.6	9
20	Easy-To-Interpret Procedure to Analyze Fire Seasonality and the Influence of Land Use in Fire Occurrence: A Case Study in Central Italy. Fire, 2020, 3, 46.	1.2	2
21	The worldwide impact of urbanisation on avian functional diversity. Ecology Letters, 2020, 23, 962-972.	3.0	95
22	From alpha to beta functional and phylogenetic redundancy. Methods in Ecology and Evolution, 2020, 11, 487-493.	2.2	19
23	Rarefaction of beta diversity. Ecological Indicators, 2019, 107, 105606.	2.6	6
24	Quantifying evenness and linking it to diversity, beta diversity, and similarity. Ecology, 2019, 100, e02852.	1.5	48
25	A simple translation from indices of species diversity to indices of phylogenetic diversity. Ecological Indicators, 2019, 101, 552-561.	2.6	22
26	Plantâ€“environment interactions through a functional traits perspective: a review of Italian studies. Plant Biosystems, 2019, 153, 853-869.	0.8	48
27	Fifteen years of changes in fire ignition frequency in Sardinia (Italy): A rich-get-richer process. Ecological Indicators, 2019, 104, 543-548.	2.6	15
28	Time-lapsing biodiversity: An open source method for measuring diversity changes by remote sensing. Remote Sensing of Environment, 2019, 231, 111192.	4.6	37
29	Estimating tree species diversity from space in an alpine conifer forest: The Rao's Q diversity index meets the spectral variation hypothesis. Ecological Informatics, 2019, 52, 26-34.	2.3	66
30	Text Mining in Remotely Sensed Phenology Studies: A Review on Research Development, Main Topics, and Emerging Issues. Remote Sensing, 2019, 11, 2751.	1.8	14
31	Measuring functional dissimilarity among plots: Adapting old methods to new questions. Ecological Indicators, 2019, 97, 67-72.	2.6	15
32	Leaf thickness and density drive the responsiveness of photosynthesis to air temperature in Mediterranean species according to their leaf habitus. Journal of Arid Environments, 2018, 150, 9-14.	1.2	21
33	Remotely sensed spatial heterogeneity as an exploratory tool for taxonomic and functional diversity study. Ecological Indicators, 2018, 85, 983-990.	2.6	35
34	A new method for quantifying the phylogenetic redundancy of biological communities. Oecologia, 2018, 186, 339-346.	0.9	10
35	A Generalized Framework for Analyzing Taxonomic, Phylogenetic, and Functional Community Structure Based on Presenceâ€“Absence Data. Mathematics, 2018, 6, 250.	1.1	9
36	Assessing the Influence of Roads on Fire Ignition: Does Land Cover Matter?. Fire, 2018, 1, 24.	1.2	33

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37	Measuring Î²â€diversity by remote sensing: A challenge for biodiversity monitoring. Methods in Ecology and Evolution, 2018, 9, 1787-1798.	2.2	97
38	A family of (dis)similarity measures based on evenness and its relationship with beta diversity. Ecological Complexity, 2018, 34, 69-73.	1.4	7
39	Alien plant species do have a clear preference for different land uses within urban environments. Urban Ecosystems, 2018, 21, 1189-1198.	1.1	33
40	Spatio-ecological complexity measures in GRASS GIS. Computers and Geosciences, 2017, 104, 166-176.	2.0	9
41	Anticipating species distributions: Handling sampling effort bias under a Bayesian framework. Science of the Total Environment, 2017, 584-585, 282-290.	3.9	20
42	Of beta diversity, variance, evenness, and dissimilarity. Ecology and Evolution, 2017, 7, 4835-4843.	0.8	29
43	British plants as aliens in New Zealand cities: residence time moderates their impact on the beta diversity of urban floras. Biological Invasions, 2017, 19, 3589-3599.	1.2	7
44	Linking fire ignitions hotspots and fuel phenology: The importance of being seasonal. Ecological Indicators, 2017, 82, 433-440.	2.6	23
45	On some properties of the Bray-Curtis dissimilarity and their ecological meaning. Ecological Complexity, 2017, 31, 201-205.	1.4	144
46	From phylogenetic to functional originality: Guide through indices and new developments. Ecological Indicators, 2017, 82, 196-205.	2.6	47
47	CO2 sequestration in two mediterranean dune areas subjected to a different level of anthropogenic disturbance. Estuarine, Coastal and Shelf Science, 2017, 196, 22-30.	0.9	1
48	Measuring Rao's Q diversity index from remote sensing: An open source solution. Ecological Indicators, 2017, 72, 234-238.	2.6	73
49	Biotic homogenization of urban floras by alien species: the role of species turnover and richness differences. Journal of Vegetation Science, 2016, 27, 452-459.	1.1	42
50	Measuring the functional redundancy of biological communities: a quantitative guide. Methods in Ecology and Evolution, 2016, 7, 1386-1395.	2.2	197
51	Incorporating spatial autocorrelation in rarefaction methods: Implications for ecologists and conservation biologists. Ecological Indicators, 2016, 69, 233-238.	2.6	21
52	A family of functional dissimilarity measures for presence and absence data. Ecology and Evolution, 2016, 6, 5383-5389.	0.8	16
53	â€˜Equivalent numbersâ€™ for species, phylogenetic or functional diversity in a nested hierarchy of multiple scales. Methods in Ecology and Evolution, 2016, 7, 1152-1163.	2.2	30
54	Modeling the ecological niche of long-term land use changes: The role of biophysical factors. Ecological Indicators, 2016, 60, 231-236.	2.6	85

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55	Measuring similarity among plots including similarity among species: an extension of traditional approaches. Journal of Vegetation Science, 2015, 26, 1061-1067.	1.1	13
56	Modelling fire occurrence at regional scale: does vegetation phenology matter?. European Journal of Remote Sensing, 2015, 48, 763-775.	1.7	13
57	Modelling the Meteorological Forest Fire Niche in Heterogeneous Pyrologic Conditions. PLoS ONE, 2015, 10, e0116875.	1.1	39
58	A classical measure of phylogenetic dissimilarity and its relationship with beta diversity. Basic and Applied Ecology, 2015, 16, 10-18.	1.2	15
59	A Multivariate Approach for Mapping Fire Ignition Risk: The Example of the National Park of Cilento (Southern Italy). Environmental Management, 2015, 56, 157-164.	1.2	9
60	Let the concept of indicator species be functional!. Journal of Vegetation Science, 2015, 26, 839-847.	1.1	25
61	A multiple-site dissimilarity measure for species presence/absence data and its relationship with nestedness and turnover. Ecological Indicators, 2015, 54, 203-206.	2.6	20
62	Potential of remote sensing to predict species invasions. Progress in Physical Geography, 2015, 39, 283-309.	1.4	80
63	Limited evidence of local phylogenetic clustering in the urban flora of Brussels. Plant Biosystems, 2015, 149, 31-37.	0.8	3
64	A cautionary note on some phylogenetic dissimilarity measures. Journal of Plant Ecology, 2015, 8, 12-16.	1.2	9
65	Mapping Forest Fuels through Vegetation Phenology: The Role of Coarse-Resolution Satellite Time-Series. PLoS ONE, 2015, 10, e0119811.	1.1	81
66	Geographical Constraints Are Stronger than Invasion Patterns for European Urban Floras. PLoS ONE, 2014, 9, e85661.	1.1	22
67	A cost-effective approach for improving the quality of soil sealing change detection from Landsat imagery. European Journal of Remote Sensing, 2014, 47, 805-819.	1.7	7
68	Isoprenoid emission in hygrophyte and xerophyte <scp>E</scp>uropean woody flora: ecological and evolutionary implications. Global Ecology and Biogeography, 2014, 23, 334-345.	2.7	23
69	Functional and phylogenetic similarity among communities. Methods in Ecology and Evolution, 2014, 5, 666-675.	2.2	53
70	Modeling the Landscape Drivers of Fire Recurrence in Sardinia (Italy). Environmental Management, 2014, 53, 1077-1084.	1.2	21
71	Using Shannon's recursivity to summarize forest structural diversity. Forests Trees and Livelihoods, 2014, 23, 211-216.	0.5	2
72	Measuring forest fragmentation using multitemporal remotely sensed data: three decades of change in the dry Chaco. European Journal of Remote Sensing, 2014, 47, 793-804.	1.7	18

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73	A New Measure of Functional Evenness and Some of Its Properties. PLoS ONE, 2014, 9, e104060.	1.1	28
74	Mediterranean shrublands carbon sequestration: environmental and economic benefits. Mitigation and Adaptation Strategies for Global Change, 2013, 18, 1167-1182.	1.0	27
75	Does Ordinal Cover Estimation Offer Reliable Quality Data Structures in Vegetation Ecological Studies?. Folia Geobotanica, 2013, 48, 437-447.	0.4	7
76	Fourier transforms for detecting multitemporal landscape fragmentation by remote sensing. International Journal of Remote Sensing, 2013, 34, 8907-8916.	1.3	14
77	Uncertainty in ecosystem mapping by remote sensing. Computers and Geosciences, 2013, 50, 128-135.	2.0	105
78	TESTING FOR PHYLOGENETIC SIGNAL IN BIOLOGICAL TRAITS: THE UBIQUITY OF CROSS-PRODUCT STATISTICS. Evolution; International Journal of Organic Evolution, 2013, 67, 828-840.	1.1	38
79	A general framework for analyzing beta diversity, nestedness and related community-level phenomena based on abundance data. Ecological Complexity, 2013, 15, 52-61.	1.4	108
80	Beta diversity reconsidered. Ecological Research, 2013, 28, 537-540.	0.7	12
81	Calculating landscape diversity with information-theory based indices: A GRASS GIS solution. Ecological Informatics, 2013, 17, 82-93.	2.3	65
82	Aquatic macrophyte diversity assessment: Validation of a new sampling method for circular-shaped lakes. Limnologica, 2013, 43, 492-499.	0.7	14
83	Are differences in functional diversity among plant communities on Mediterranean coastal dunes driven by their phylogenetic history?. Journal of Vegetation Science, 2013, 24, 932-941.	1.1	40
84	Boundary-based analysis for the assessment of coastal dune landscape integrity over time. Applied Geography, 2013, 45, 41-48.	1.7	47
85	Measuring Diversity of Environmental Systems. , 2013, , 29-58.		7
86	Measuring Scale-Dependent Landscape Structure with Raoâ€™s Quadratic Diversity. ISPRS International Journal of Geo-Information, 2013, 2, 405-412.	1.4	7
87	Computing diversity from dated phylogenies and taxonomic hierarchies: does it make a difference to the conclusions?. Oecologia, 2012, 170, 501-506.	0.9	43
88	Urban ecosystem services: tree diversity and stability of tropospheric ozone removal. Ecological Applications, 2012, 22, 349-360.	1.8	115
89	Spatial Algorithms Applied to Landscape Diversity Estimate from Remote Sensing Data. Developments in Environmental Modelling, 2012, , 391-411.	0.3	1
90	Phenological variability drives the distribution of wildfires in Sardinia. Landscape Ecology, 2012, 27, 1535-1545.	1.9	25

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91	Testing for differences in beta diversity from plotâ€toâ€plot dissimilarities. Ecological Research, 2012, 27, 285-292.	0.7	22
92	Modelling the phenological niche of large fires with remotely sensed NDVI profiles. Ecological Modelling, 2012, 228, 106-111.	1.2	20
93	Phylogenetic beta diversity of native and alien species in European urban floras. Global Ecology and Biogeography, 2012, 21, 751-759.	2.7	34
94	Functional rarefaction for species abundance data. Methods in Ecology and Evolution, 2012, 3, 519-525.	2.2	40
95	Using Monte Carlo simulations to estimate relative fire ignition danger in a low-to-medium fire-prone region. Forest Ecology and Management, 2011, 261, 2179-2187.	1.4	39
96	Landscape complexity and spatial scale influence the relationship between remotely sensed spectral diversity and surveyâ€based plant species richness. Journal of Vegetation Science, 2011, 22, 688-698.	1.1	26
97	A partial ordering approach for functional diversity. Theoretical Population Biology, 2011, 80, 114-120.	0.5	3
98	CWM and Raoâ€™s quadratic diversity: a unified framework for functional ecology. Oecologia, 2011, 167, 181-188.	0.9	388
99	Bootstrapping Wildfire Selectivity for the Forest Types of Canton Ticino (Switzerland). Earth Interactions, 2011, 15, 1-11.	0.7	9
100	Mapping fire ignition risk in a complex anthropogenic landscape. Remote Sensing Letters, 2011, 2, 213-219.	0.6	17
101	Patterns of native and exotic species richness in the urban flora of Brussels: rejecting the â€˜rich get richerâ€™ model. Biological Invasions, 2010, 12, 233-240.	1.2	51
102	Wildfire seasonality and land use: when do wildfires prefer to burn?. Environmental Monitoring and Assessment, 2010, 164, 445-452.	1.3	24
103	Knowing fire incidence through fuel phenology: A remotely sensed approach. Ecological Modelling, 2010, 221, 59-66.	1.2	31
104	Partitioning diversity for conservation analyses. Diversity and Distributions, 2010, 16, 65-76.	1.9	216
105	Invasiveness of alien plants in Brussels is related to their phylogenetic similarity to native species. Diversity and Distributions, 2010, 16, 655-662.	1.9	33
106	Assessing the functional turnover of species assemblages with tailored dissimilarity matrices. Oikos, 2010, 119, 1089-1098.	1.2	18
107	Incorporating functional dissimilarities into sample-based rarefaction curves: from taxon resampling to functional resampling. Journal of Vegetation Science, 2010, 21, 280-286.	1.1	10
108	Remotely sensed spectral heterogeneity as a proxy of species diversity: Recent advances and open challenges. Ecological Informatics, 2010, 5, 318-329.	2.3	284

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109	On beta diversity decomposition: Trouble shared is not trouble halved. Ecology, 2010, 91, 1981-1983.	1.5	36
110	Diversity partitioning of Raoâ€™s quadratic entropy. Theoretical Population Biology, 2009, 76, 299-302.	0.5	100
111	Computing parametric beta diversity with unequal plot weights: a solution based on resampling methods. Theoretical Ecology, 2009, 2, 13-17.	0.4	2
112	Phyloecology of urban alien floras. Journal of Ecology, 2009, 97, 1243-1251.	1.9	83
113	Testing for differences in beta diversity with asymmetric dissimilarities. Ecological Indicators, 2009, 9, 719-724.	2.6	27
114	More rich means more diverse: Extending the â€˜environmental heterogeneity hypothesisâ€™ to taxonomic diversity. Ecological Indicators, 2009, 9, 1271-1274.	2.6	15
115	Spatially constrained rarefaction: incorporating the autocorrelated structure of biological communities into sample-based rarefaction. Community Ecology, 2009, 10, 209-214.	0.5	94
116	Evidence of selective burning in Sardinia (Italy): which land-cover classes do wildfires prefer?. Landscape Ecology, 2008, 23, 241-248.	1.9	123
117	Exploring taxonomic filtering in urban environments. Journal of Vegetation Science, 2008, 19, 229-238.	1.1	27
118	Common species have lower taxonomic diversity Evidence from the urban floras of Brussels and Rome. Diversity and Distributions, 2008, 14, 530-537.	1.9	23
119	Computing additive -diversity from presence and absence scores: A critique and alternative parameters. Theoretical Population Biology, 2008, 73, 244-249.	0.5	37
120	Quantifying the taxonomic diversity in real species communities. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 224012.	0.7	8
121	Quantifying functional diversity with graph-theoretical measures: advantages and pitfalls. Community Ecology, 2008, 9, 11-16.	0.5	18
122	Analyzing landscape diversity in time: The use of RÃ¨nyi's generalized entropy function. Ecological Indicators, 2007, 7, 505-510.	2.6	43
123	A spatially explicit measure of beta diversity. Community Ecology, 2007, 8, 41-46.	0.5	33
124	Computing Î²â€diversity with Rao's quadratic entropy: a change of perspective. Diversity and Distributions, 2007, 13, 237-241.	1.9	29
125	Using satellite imagery to assess plant species richness: The role of multispectral systems. Applied Vegetation Science, 2007, 10, 325-331.	0.9	60
126	Measuring betaâ€diversity from taxonomic similarity. Journal of Vegetation Science, 2007, 18, 793-798.	1.1	24

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127	Are landscapes as crisp as we may think?. Ecological Modelling, 2007, 204, 535-539.	1.2	53
128	Random sampling does not exclude spatial dependence: The importance of neutral models for ecological hypothesis testing. Folia Geobotanica, 2007, 42, 153-160.	0.4	8
129	A semantic taxonomy for diversity measures. Acta Biotheoretica, 2007, 55, 23-33.	0.7	59
130	Towards a unifying approach to diversity measures: Bridging the gap between the Shannon entropy and Rao's quadratic index. Theoretical Population Biology, 2006, 70, 237-243.	0.5	148
131	On the evaluation of ordinal data with conventional multivariate procedures. Journal of Vegetation Science, 2006, 17, 839-842.	1.1	8
132	Strong requirements for weak diversities. Diversity and Distributions, 2006, 12, 218-219.	1.9	3
133	Towards a Complex, Plural and Dynamic Approach to Diversity: Rejoinder to Myers and Patil, Podani, and Sarkar. Acta Biotheoretica, 2006, 54, 141-146.	0.7	4
134	On parametric fragmentation measures. European Journal of Forest Research, 2006, 125, 441-444.	1.1	2
135	Spatial complexity of ecological communities: Bridging the gap between probabilistic and non-probabilistic uncertainty measures. Ecological Modelling, 2006, 197, 59-66.	1.2	26
136	Characterizing self-similar temporal clustering of wildfires in the Cilento National Park (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.2	5
137	On hierarchical diversity decomposition. Journal of Vegetation Science, 2005, 16, 223-226.	1.1	30
138	Additive partitioning of Rao's quadratic diversity: a hierarchical approach. Ecological Modelling, 2005, 183, 365-371.	1.2	38
139	A note on functional diversity measures. Basic and Applied Ecology, 2005, 6, 479-486.	1.2	195
140	Through the Jungle of Biological Diversity. Acta Biotheoretica, 2005, 53, 29-38.	0.7	169
141	Quantifying the effects of nutrient addition on the taxonomic distinctness of serpentine vegetation. Plant Ecology, 2005, 179, 21-29.	0.7	9
142	A â€˜fast-food approachâ€™ to the standardization of quadratic diversity. Plant Biosystems, 2005, 139, 411-413.	0.8	3
143	On hierarchical diversity decomposition. , 2005, 16, 223.		7
144	A parametric diversity measure combining the relative abundances and taxonomic distinctiveness of species. Diversity and Distributions, 2004, 10, 143-146.	1.9	80

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145	A Recipe for Unconventional Evenness Measures. Acta Biotheoretica, 2004, 52, 95-104.	0.7	10
146	Quantifying the effects of nutrient addition on community diversity of serpentine vegetation using parametric entropy of type Î±. Acta Oecologica, 2004, 25, 61-65.	0.5	10
147	An information-theoretical measure of taxonomic diversity. Acta Biotheoretica, 2003, 51, 35-41.	0.7	19
148	Additive partition of parametric information and its associated beta-diversity measure. Acta Biotheoretica, 2003, 51, 91-100.	0.7	16
149	Parametric scaling from species relative abundances to absolute abundances in the computation of biological diversity: a first proposal using Shannon's entropy. Acta Biotheoretica, 2003, 51, 181-188.	0.7	18
150	Title is missing!. Plant Ecology, 2003, 165, 217-222.	0.7	5
151	On parametric evenness measures. Journal of Theoretical Biology, 2003, 222, 189-197.	0.8	62
152	LaDy: software for assessing local landscape diversity profiles of raster land cover maps using geographic windows. Environmental Modelling and Software, 2003, 18, 373-378.	1.9	28
153	The role of C3and C4grasses to interannual variability in remotely sensed ecosystem performance over the US Great Plains. International Journal of Remote Sensing, 2003, 24, 4421-4431.	1.3	17
154	An information-theoretical measure of Î²-diversity. Plant Biosystems, 2003, 137, 57-61.	0.8	6
155	Beware of contagion!. Landscape and Urban Planning, 2003, 62, 173-177.	3.4	26
156	On the relationship between Pielouâ€™s evenness and landscape dominance within the context of Hillâ€™s diversity profiles. Ecological Indicators, 2003, 2, 361-365.	2.6	52
157	Quantifying landscape change with actual vs. potential natural vegetation maps. Phytocoenologia, 2003, 33, 591-601.	1.2	16
158	Quantifying ecological mosaic connectivity and hemeroby with a new topoecological index. Phytocoenologia, 2003, 33, 623-631.	1.2	33
159	Fractal Size Distributions of Wildfires in Hierarchical Landscapes: Natura Facit Saltus?. Comments on Theoretical Biology, 2003, 8, 93-101.	0.6	5
160	MULTITEMPORAL PHENOLOGICAL CLASSIFICATION OF ARGENTINA. , 2002, , .		0
161	THE CONTRIBUTION OF C3 AND C4 GRASSES TO INTERANNUAL VARIABILITY IN TIME-INTEGRATED NDVI OVER THE U.S. GREAT PLAINS. , 2002, , .		0
162	Using the scaling behaviour of higher taxa for the assessment of species richness. Biological Conservation, 2002, 107, 131-133.	1.9	17

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163	Computing Î²-diversity from species-area curves. Basic and Applied Ecology, 2002, 3, 15-18.	1.2	60
164	Bridging the gap between ecological diversity indices and measures of biodiversity with Shannon's entropy: comment to IzsÃ¡k and Papp. Ecological Modelling, 2002, 152, 1-3.	1.2	55
165	Parametric scaling from species to growth-form diversity: an interesting analogy with multifractal functions. BioSystems, 2002, 65, 179-186.	0.9	4
166	Are potential natural vegetation maps a meaningful alternative to neutral landscape models?. Applied Vegetation Science, 2002, 5, 271-275.	0.9	53
167	On the information-theoretical meaning of Hill's parametric evenness. Acta Biotheoretica, 2002, 50, 63-71.	0.7	23
168	Self-organized criticality of wildfires ecologically revisited. Ecological Modelling, 2001, 141, 307-311.	1.2	80
169	Topological analysis of the spatial distribution of plant species richness across the city of Rome (Italy) with the echelon approach. Landscape and Urban Planning, 2001, 57, 69-76.	3.4	40
170	RÃ©nyi's generalized information as a linear combination of species richness and dominance concentration. Plant Biosystems, 2001, 135, 207-212.	0.8	4
171	Quantifying post-fire regrowth of remotely sensed mediterranean vegetation with percolation-based methods. Plant Biosystems, 2001, 135, 311-317.	0.8	3
172	Percolation in real wildfires. Europhysics Letters, 2001, 56, 510-516.	0.7	46
173	A parametric index of community evenness. Ecoscience, 2000, 7, 511-515.	0.6	7
174	The remote sensing approach in broad-scale phenological studies. Applied Vegetation Science, 2000, 3, 117-122.	0.9	18
175	Quantitative comparison of the diversity of landscapes with actual vs. potential natural vegetation. Applied Vegetation Science, 2000, 3, 157-162.	0.9	27
176	From theoretical ecology to statistical physics and back: self-similar landscape metrics as a synthesis of ecological diversity and geometrical complexity. Ecological Modelling, 2000, 125, 245-253.	1.2	59
177	Mapping and monitoring net primary productivity with AVHRR NDVI time-series: statistical equivalence of cumulative vegetation indices. ISPRS Journal of Photogrammetry and Remote Sensing, 1999, 54, 325-331.	4.9	54
178	The flaming sandpile: self-organized criticality and wildfires. Ecological Modelling, 1999, 119, 73-77.	1.2	113
179	Monitoring Water Stress Induced Variation in the Remotely Sensed Biomass Pattern of Sardinia (Italy) with Variograms. EcoHealth, 1999, 5, 259-264.	0.2	0
180	Informational Analysis of Forest Landscape Spatial Heterogeneity. Journal of Sustainable Forestry, 1999, 9, 97-106.	0.6	1

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181	‹title›Comparison of the spectral information content of Landsat Thematic Mapper and Resurs-01 NDVI data for vegetation discrimination and monitoring in central Italy‹/title›. , 1997, , .		1