

Llus Brotons

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4706312/lluis-brotons-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

230
papers

11,448
citations

49
h-index

101
g-index

239
ext. papers

13,549
ext. citations

5.6
avg, IF

6.46
L-index

#	Paper	IF	Citations
230	The future distribution of wetland birds breeding in Europe validated against observed changes in distribution. <i>Environmental Research Letters</i> , 2022 , 17, 024025	6.2	1
229	An assessment of relative habitat use as a metric for species-habitat association and degree of specialization. <i>Ecological Indicators</i> , 2022 , 135, 108521	5.8	0
228	Bird population declines and species turnover are changing the acoustic properties of spring soundscapes. <i>Nature Communications</i> , 2021 , 12, 6217	17.4	6
227	Anticipating <i>B. sempervirens</i> viability in front of <i>C. perspectalis</i> outbreaks, fire, and drought disturbances. <i>Science of the Total Environment</i> , 2021 , 810, 151331	10.2	0
226	Predicting the potential distribution and forest impact of the invasive species in Europe. <i>Ecology and Evolution</i> , 2021 , 11, 5713-5727	2.8	2
225	Tree planting: A double-edged sword to fight climate change in an era of megafires. <i>Global Change Biology</i> , 2021 , 27, 3001-3003	11.4	4
224	Towards a comprehensive look at global drivers of novel extreme wildfire events. <i>Climatic Change</i> , 2021 , 165, 1	4.5	21
223	Ecosystem service mapping needs to capture more effectively the biodiversity important for service supply. <i>Ecosystem Services</i> , 2021 , 48, 101259	6.1	3
222	Using fire to enhance rewilding when agricultural policies fail. <i>Science of the Total Environment</i> , 2021 , 755, 142897	10.2	3
221	Temporal changes in Mediterranean forest ecosystem services are driven by stand development, rather than by climate-related disturbances. <i>Forest Ecology and Management</i> , 2021 , 480, 118623	3.9	17
220	Wintering bird communities are tracking climate change faster than breeding communities. <i>Journal of Animal Ecology</i> , 2021 , 90, 1085-1095	4.7	3
219	Global review on interactions between insect pests and other forest disturbances. <i>Landscape Ecology</i> , 2021 , 36, 945-972	4.3	15
218	How fire interacts with habitat loss and fragmentation. <i>Biological Reviews</i> , 2021 , 96, 976-998	13.5	12
217	Rapid behavioural response of urban birds to COVID-19 lockdown. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20202513	4.4	17
216	Ecosystem services provision by Mediterranean forests will be compromised above 2° warming. <i>Global Change Biology</i> , 2021 , 27, 4210-4222	11.4	7
215	The value of unprotected land for future conservation efforts under dynamic conditions. <i>Biological Conservation</i> , 2021 , 261, 109232	6.2	1
214	Forest connectivity percolation thresholds for fire spread under different weather conditions. <i>Forest Ecology and Management</i> , 2021 , 498, 119558	3.9	3

213	Future impact of climate extremes in the Mediterranean: Soil erosion projections when fire and extreme rainfall meet. <i>Land Degradation and Development</i> , 2020 , 31, 3040-3054	4.4	17
212	Configurational crop heterogeneity increases within-field plant diversity. <i>Journal of Applied Ecology</i> , 2020 , 57, 654-663	5.8	24
211	Mountain farmland protection and fire-smart management jointly reduce fire hazard and enhance biodiversity and carbon sequestration. <i>Ecosystem Services</i> , 2020 , 44, 101143	6.1	11
210	Unmanned aerial system protocol for quarry restoration and mineral extraction monitoring. <i>Journal of Environmental Management</i> , 2020 , 270, 110717	7.9	9
209	Evaluating forest resilience to global threats using functional response traits and network properties. <i>Ecological Applications</i> , 2020 , 30, e02095	4.9	12
208	Effects of Natura 2000 on nontarget bird and butterfly species based on citizen science data. <i>Conservation Biology</i> , 2020 , 34, 666-676	6	10
207	Designing a network of green infrastructure for the EU. <i>Landscape and Urban Planning</i> , 2020 , 196, 103732-7	7	24
206	Ecological traps and species distribution models: a challenge for prioritizing areas of conservation importance. <i>Ecography</i> , 2020 , 43, 365-375	6.5	10
205	Future trade-offs and synergies among ecosystem services in Mediterranean forests under global change scenarios. <i>Ecosystem Services</i> , 2020 , 45, 101174	6.1	25
204	Fire and biodiversity in the Anthropocene. <i>Science</i> , 2020 , 370,	33.3	76
203	The Potential of Agricultural Conversion to Shape Forest Fire Regimes in Mediterranean Landscapes. <i>Ecosystems</i> , 2020 , 23, 34-51	3.9	15
202	Biodiversity policy beyond economic growth. <i>Conservation Letters</i> , 2020 , 13, e12713	6.9	57
201	Disentangling the Influence of Past Fires on Subsequent Fires in Mediterranean Landscapes. <i>Ecosystems</i> , 2019 , 22, 1338-1351	3.9	6
200	Calibrating Sentinel-2 Imagery with Multispectral UAV Derived Information to Quantify Damages in Mediterranean Rice Crops Caused by Western Swamphen (<i>Porphyrio porphyrio</i>). <i>Drones</i> , 2019 , 3, 45	5.4	10
199	Using the first European Breeding Bird Atlas for science and perspectives for the new Atlas. <i>Bird Study</i> , 2019 , 66, 149-158	0.7	2
198	From stand to landscape: modelling post-fire regeneration and species growth. <i>Ecological Modelling</i> , 2019 , 404, 103-111	3	4
197	Adapting prescribed burns to future climate change in Mediterranean landscapes. <i>Science of the Total Environment</i> , 2019 , 677, 68-83	10.2	23
196	Building on Margalef: Testing the links between landscape structure, energy and information flows driven by farming and biodiversity. <i>Science of the Total Environment</i> , 2019 , 674, 603-614	10.2	16

195	Contrasting impacts of precipitation on Mediterranean birds and butterflies. <i>Scientific Reports</i> , 2019 , 9, 5680	4.9	15
194	Greenness Indices from a Low-Cost UAV Imagery as Tools for Monitoring Post-Fire Forest Recovery. <i>Drones</i> , 2019 , 3, 6	5.4	27
193	Quantifying pine processionary moth defoliation in a pine-oak mixed forest using unmanned aerial systems and multispectral imagery. <i>PLoS ONE</i> , 2019 , 14, e0213027	3.7	21
192	Correspondence: Uncertainty in Climate-Vegetation Feedbacks on Fire Regimes Challenges Reliable Long-Term Projections of Burnt Area from Correlative Models. <i>Fire</i> , 2019 , 2, 8	2.4	8
191	IPBES Promotes Integration of Multiple Threats to Biodiversity. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 969-970	10.9	6
190	Increasing crop heterogeneity enhances multitrophic diversity across agricultural regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16442-16447	11.5	157
189	Four ideas to boost EU conservation policy as 2020 nears. <i>Environmental Research Letters</i> , 2019 , 14, 101001	10.1	7
188	Population responses of bird populations to climate change on two continents vary with species' ecological traits but not with direction of change in climate suitability. <i>Climatic Change</i> , 2019 , 157, 337-354	4.5	8
187	Realising the potential of Natura 2000 to achieve EU conservation goals as 2020 approaches. <i>Scientific Reports</i> , 2019 , 9, 16087	4.9	14
186	Priority questions for biodiversity conservation in the Mediterranean biome: Heterogeneous perspectives across continents and stakeholders. <i>Conservation Science and Practice</i> , 2019 , 1, e118	2.2	9
185	The Role of Natura 2000 at Maintaining Dynamic Landscapes in Europe Over the Last Two Decades: Implications for Conservation. <i>Innovations in Landscape Research</i> , 2019 , 665-680	0.5	0
184	Estimating the Threshold of Detection on Tree Crown Defoliation Using Vegetation Indices from UAS Multispectral Imagery. <i>Drones</i> , 2019 , 3, 80	5.4	9
183	UAS Remote Sensing Products for Supporting Extraction Management and Restoration Monitoring in Open-Pit Mines. <i>Proceedings (mdpi)</i> , 2019 , 30, 4	0.3	2
182	Improving ecosystem assessments in Mediterranean social-ecological systems: a DPSIR analysis. <i>Ecosystems and People</i> , 2019 , 15, 136-155	4.3	22
181	The use of scenarios and models to evaluate the future of nature values and ecosystem services in Mediterranean forests. <i>Regional Environmental Change</i> , 2019 , 19, 415-428	4.3	16
180	Monitoring opencast mine restorations using Unmanned Aerial System (UAS) imagery. <i>Science of the Total Environment</i> , 2019 , 657, 1602-1614	10.2	39
179	A quantitative assessment of mid-term risks of global change on forests in Western Mediterranean Europe. <i>Regional Environmental Change</i> , 2019 , 19, 819-831	4.3	2
178	Open access solutions for biodiversity journals: Do not replace one problem with another. <i>Diversity and Distributions</i> , 2019 , 25, 5-8	5	10

177	Declining population trends of European mountain birds. <i>Global Change Biology</i> , 2019 , 25, 577-588	11.4	51
176	Compound fire-drought regimes promote ecosystem transitions in Mediterranean ecosystems. <i>Journal of Ecology</i> , 2019 , 107, 1187-1198	6	24
175	Designing a network of green infrastructure to enhance the conservation value of protected areas and maintain ecosystem services. <i>Science of the Total Environment</i> , 2019 , 651, 541-550	10.2	49
174	How can climate change affect the potential distribution of common genet <i>Genetta genetta</i> (Linnaeus 1758) in Europe?. <i>Mammal Research</i> , 2019 , 64, 175-182	1.8	1
173	Synoptic weather conditions and changing fire regimes in a Mediterranean environment. <i>Agricultural and Forest Meteorology</i> , 2018 , 253-254, 190-202	5.8	39
172	Spatial prioritisation of EU's LIFE-Nature programme to strengthen the conservation impact of Natura 2000. <i>Journal of Applied Ecology</i> , 2018 , 55, 1575-1582	5.8	9
171	Landscape configurational heterogeneity by small-scale agriculture, not crop diversity, maintains pollinators and plant reproduction in western Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	94
170	The spatial level of analysis affects the patterns of forest ecosystem services supply and their relationships. <i>Science of the Total Environment</i> , 2018 , 626, 1270-1283	10.2	39
169	A suite of essential biodiversity variables for detecting critical biodiversity change. <i>Biological Reviews</i> , 2018 , 93, 55-71	13.5	46
168	Environmental stress effects on reproduction and sexual dimorphism in the gynodioecious species <i>Silene acaulis</i> . <i>Environmental and Experimental Botany</i> , 2018 , 146, 27-33	5.9	3
167	Wildfire-vegetation dynamics affect predictions of climate change impact on bird communities. <i>Ecography</i> , 2018 , 41, 982-995	6.5	10
166	Efficiency of species survey networks can be improved by integrating different monitoring approaches in a spatial prioritization design. <i>Conservation Letters</i> , 2018 , 11, e12591	6.9	3
165	Reply to 'comment on the limitations of UAVs in wildlife research [the example of colonial nesting waterbirds]' <i>Journal of Avian Biology</i> , 2018 , 49, e01902	1.9	1
164	Hindcasting the impacts of land-use changes on bird communities with species distribution models of Bird Atlas data 2018 , 28, 1867-1883		10
163	Assessing the role of Natura 2000 at maintaining dynamic landscapes in Europe over the last two decades: implications for conservation. <i>Landscape Ecology</i> , 2018 , 33, 1447-1460	4.3	23
162	Bird community response in mountain pine forests of the Pyrenees managed under a shelterwood system. <i>Forest Ecology and Management</i> , 2018 , 407, 95-105	3.9	14
161	Estimating the Severity of Defoliation Due to Pine Processionary Moth Using a Combination of Landsat and UAV Imagery 2018 ,		1
160	Bridging the Divide: Integrating Animal and Plant Paradigms to Secure the Future of Biodiversity in Fire-Prone Ecosystems. <i>Fire</i> , 2018 , 1, 29	2.4	7

159	Calibrating the Severity of Forest Defoliation by Pine Processionary Moth with Landsat and UAV Imagery. <i>Sensors</i> , 2018 , 18,	3.8	16
158	Trade-offs and synergies between bird conservation and wildfire suppression in the face of global change. <i>Journal of Applied Ecology</i> , 2018 , 55, 2181-2192	5.8	10
157	Assessing the distribution of forest ecosystem services in a highly populated Mediterranean region. <i>Ecological Indicators</i> , 2018 , 93, 986-997	5.8	32
156	Geographical variation in reproductive investment across avian assemblages in Europe: effects of environmental drivers differ between altricial and precocial species. <i>Journal of Avian Biology</i> , 2017 , 48, 976-987	1.9	1
155	Setting temporal baselines for biodiversity: the limits of available monitoring data for capturing the full impact of anthropogenic pressures. <i>Scientific Reports</i> , 2017 , 7, 41591	4.9	64
154	Historical citizen science to understand and predict climate-driven trout decline. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	14
153	Indicators of the Effects of the Urban Greening on Birds: The Case of Barcelona 2017 , 449-463		4
152	Evaluating the reliability of species distribution models with an indirect measure of bird reproductive performance. <i>Journal of Avian Biology</i> , 2017 , 48, 1575-1582	1.9	3
151	Unmanned aircraft systems to unravel spatial and temporal factors affecting dynamics of colony formation and nesting success in birds. <i>Journal of Avian Biology</i> , 2017 , 48, 1273-1280	1.9	20
150	Using fire to promote biodiversity. <i>Science</i> , 2017 , 355, 1264-1265	33.3	91
149	Impacts of global change on species distributions: obstacles and solutions to integrate climate and land use. <i>Global Ecology and Biogeography</i> , 2017 , 26, 385-394	6.1	86
148	Assessing Pine Processionary Moth Defoliation Using Unmanned Aerial Systems. <i>Forests</i> , 2017 , 8, 402	2.8	24
147	The need for large-scale distribution data to estimate regional changes in species richness under future climate change. <i>Diversity and Distributions</i> , 2017 , 23, 1393-1407	5	25
146	Global scenarios for biodiversity need to better integrate climate and land use change. <i>Diversity and Distributions</i> , 2017 , 23, 1231-1234	5	41
145	Tracking Progress Toward EU Biodiversity Strategy Targets: EU Policy Effects in Preserving its Common Farmland Birds. <i>Conservation Letters</i> , 2017 , 10, 395-402	6.9	61
144	Integrating species distribution modelling into decision-making to inform conservation actions. <i>Biodiversity and Conservation</i> , 2017 , 26, 251-271	3.4	38
143	Putting pyrodiversity to work for animal conservation. <i>Conservation Biology</i> , 2017 , 31, 952-955	6	39
142	EU's Conservation Efforts Need More Strategic Investment to Meet Continental Commitments. <i>Conservation Letters</i> , 2017 , 10, 231-237	6.9	40

141	A spatial allocation procedure to model land-use/land-cover changes: Accounting for occurrence and spread processes. <i>Ecological Modelling</i> , 2017 , 344, 73-86	3	20
140	A review of the combination among global change factors in forests, shrublands and pastures of the Mediterranean Region: Beyond drought effects. <i>Global and Planetary Change</i> , 2017 , 148, 42-54	4.2	76
139	Cumulative effects of fire and drought in Mediterranean ecosystems. <i>Ecosphere</i> , 2017 , 8, e01906	3.1	28
138	Aridity influences the recovery of vegetation and shrubland birds after wildfire. <i>PLoS ONE</i> , 2017 , 12, e0173599	3.7	11
137	Degradation in landscape matrix has diverse impacts on diversity in protected areas. <i>PLoS ONE</i> , 2017 , 12, e0184792	3.7	17
136	Potencial de las imágenes UAV como datos de verdad terreno para la clasificación de la severidad de quema de imágenes Landsat: aproximaciones a un producto útil para la gestión post incendio. <i>Revista De Teledeteccion</i> , 2017 , 91	0.7	14
135	Bridging the gap between biodiversity data and policy reporting needs: An Essential Biodiversity Variables perspective. <i>Journal of Applied Ecology</i> , 2016 , 53, 1341-1350	5.8	91
134	Integrating fire spread patterns in fire modelling at landscape scale. <i>Environmental Modelling and Software</i> , 2016 , 86, 219-231	5.2	18
133	Mediterranean fire regime effects on pine-oak forest landscape mosaics under global change in NE Spain. <i>European Journal of Forest Research</i> , 2016 , 135, 403-416	2.7	14
132	Conservation planners tend to ignore improved accuracy of modelled species distributions to focus on multiple threats and ecological processes. <i>Biological Conservation</i> , 2016 , 199, 157-171	6.2	73
131	Rural abandoned landscapes and bird assemblages: winners and losers in the rewilding of a marginal mountain area (NW Spain). <i>Regional Environmental Change</i> , 2016 , 16, 199-211	4.3	42
130	Land-use legacies rather than climate change are driving the recent upward shift of the mountain tree line in the Pyrenees. <i>Global Ecology and Biogeography</i> , 2016 , 25, 263-273	6.1	81
129	Biodiversity scenarios neglect future land-use changes. <i>Global Change Biology</i> , 2016 , 22, 2505-15	11.4	146
128	Predicting the future effectiveness of protected areas for bird conservation in Mediterranean ecosystems under climate change and novel fire regime scenarios. <i>Diversity and Distributions</i> , 2016 , 22, 83-96	5	31
127	Consistent response of bird populations to climate change on two continents. <i>Science</i> , 2016 , 352, 84-7	33.3	159
126	Assessing impacts of land abandonment on Mediterranean biodiversity using indicators based on bird and butterfly monitoring data. <i>Environmental Conservation</i> , 2016 , 43, 69-78	3.3	44
125	Niche constraints to the northwards expansion of the common genet (<i>Genetta genetta</i> , Linnaeus 1758) in Europe. <i>Mammalian Biology</i> , 2016 , 81, 399-409	1.6	4
124	Synergies Between Forest Biomass Extraction for Bioenergy and Fire Suppression in Mediterranean Ecosystems: Insights from a Storyline-and-Simulation Approach. <i>Ecosystems</i> , 2016 , 19, 786-802	3.9	18

123	Matches and mismatches between national and EU-wide priorities: Examining the Natura 2000 network in vertebrate species conservation. <i>Biological Conservation</i> , 2016 , 198, 193-201	6.2	77
122	Climate change distracts us from other threats to biodiversity. <i>Frontiers in Ecology and the Environment</i> , 2016 , 14, 291-291	5.5	20
121	Conservation Traps and Long-Term Species Persistence in Human-Dominated Systems. <i>Conservation Letters</i> , 2015 , 8, 456-462	6.9	12
120	Predictive modelling of fire occurrences from different fire spread patterns in Mediterranean landscapes. <i>International Journal of Wildland Fire</i> , 2015 , 24, 407	3.2	55
119	Agricultural landscape composition as a driver of farmland bird diversity in Brittany (NW France). <i>Agriculture, Ecosystems and Environment</i> , 2015 , 205, 79-89	5.7	17
118	Fire management, climate change and their interacting effects on birds in complex Mediterranean landscapes: dynamic distribution modelling of an early-successional species the near-threatened Dartford Warbler (<i>Sylvia undata</i>). <i>Journal of Ornithology</i> , 2015 , 156, 275-286	1.5	21
117	Coupling a water balance model with forest inventory data to predict drought stress: the role of forest structural changes vs. climate changes. <i>Agricultural and Forest Meteorology</i> , 2015 , 213, 77-90	5.8	47
116	Connectivity conservation priorities for individual patches evaluated in the present landscape: how durable and effective are they in the long term?. <i>Ecography</i> , 2015 , 38, 782-791	6.5	30
115	From Management to Stewardship: Viewing Forests As Complex Adaptive Systems in an Uncertain World. <i>Conservation Letters</i> , 2015 , 8, 368-377	6.9	140
114	Tools for exploring habitat suitability for steppe birds under land use change scenarios. <i>Agriculture, Ecosystems and Environment</i> , 2015 , 200, 119-125	5.7	16
113	Optimising long-term monitoring projects for species distribution modelling: how atlas data may help. <i>Ecography</i> , 2015 , 38, 29-40	6.5	9
112	Reconciling expert judgement and habitat suitability models as tools for guiding sampling of threatened species. <i>Journal of Applied Ecology</i> , 2015 , 52, 1608-1616	5.8	16
111	Peer-review warning: system error, reviewers not found. <i>Frontiers in Ecology and the Environment</i> , 2015 , 13, 241-242	5.5	
110	Reassessing global change research priorities in mediterranean terrestrial ecosystems: how far have we come and where do we go from here?. <i>Global Ecology and Biogeography</i> , 2015 , 24, 25-43	6.1	95
109	European Wilderness in a Time of Farmland Abandonment 2015 , 25-46		3
108	Indicators of the impact of land use changes using large-scale bird surveys: Land abandonment in a Mediterranean region. <i>Ecological Indicators</i> , 2014 , 45, 235-244	5.8	35
107	Using unplanned fires to help suppressing future large fires in Mediterranean forests. <i>PLoS ONE</i> , 2014 , 9, e94906	3.7	40
106	Is response to fire influenced by dietary specialization and mobility? A comparative study with multiple animal assemblages. <i>PLoS ONE</i> , 2014 , 9, e88224	3.7	19

105	A resource-based modelling framework to assess habitat suitability for steppe birds in semiarid Mediterranean agricultural systems. <i>PLoS ONE</i> , 2014 , 9, e92790	3.7	16
104	Species distribution models and impact factor growth in environmental journals: methodological fashion or the attraction of global change science. <i>PLoS ONE</i> , 2014 , 9, e111996	3.7	15
103	Addressing a critique of the TEASI framework for invasive species risk assessment. <i>Ecology Letters</i> , 2013 , 16, 1415, e6	10	
102	Assessing the role of landscape connectivity in recent woodpecker range expansion in Mediterranean Europe: forest management implications. <i>European Journal of Forest Research</i> , 2013 , 132, 181-194	2.7	13
101	Comparing the effect of salvage logging on birds in the Mediterranean Basin and the Rocky Mountains: Common patterns, different conservation implications. <i>Biological Conservation</i> , 2013 , 158, 7-13	6.2	10
100	The combined effects of land-use legacies and novel fire regimes on bird distributions in the Mediterranean. <i>Journal of Biogeography</i> , 2013 , 40, 1535-1547	4.1	23
99	Conservation planning in a fire-prone Mediterranean region: threats and opportunities for bird species. <i>Landscape Ecology</i> , 2013 , 28, 1517-1528	4.3	6
98	How fire history, fire suppression practices and climate change affect wildfire regimes in Mediterranean landscapes. <i>PLoS ONE</i> , 2013 , 8, e62392	3.7	117
97	Predicting species distributions for conservation decisions. <i>Ecology Letters</i> , 2013 , 16, 1424-35	10	985
96	Geographical variability in propagule pressure and climatic suitability explain the European distribution of two highly invasive crayfish. <i>Journal of Biogeography</i> , 2013 , 40, 548-558	4.1	29
95	Improved empirical tests of area-heterogeneity tradeoffs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E2858-60	11.5	12
94	Soil carbon stocks and their variability across the forests, shrublands and grasslands of peninsular Spain. <i>Biogeosciences</i> , 2013 , 10, 8353-8361	4.6	33
93	The effect of postfire salvage logging on bird communities in Mediterranean pine forests: the benefits for declining species. <i>Journal of Applied Ecology</i> , 2012 , 49, no-no	5.8	8
92	Patterns of beta diversity in Europe: the role of climate, land cover and distance across scales. <i>Journal of Biogeography</i> , 2012 , 39, 1473-1486	4.1	82
91	Modeling bird species distribution change in fire prone Mediterranean landscapes: incorporating species dispersal and landscape dynamics. <i>Ecography</i> , 2012 , 35, 458-467	6.5	21
90	Recent fire history and connectivity patterns determine bird species distribution dynamics in landscapes dominated by land abandonment. <i>Landscape Ecology</i> , 2012 , 27, 171-184	4.3	15
89	Modelling seasonal changes in the distribution of Common Quail <i>Coturnix coturnix</i> in farmland landscapes using remote sensing. <i>Ibis</i> , 2012 , 154, 703-713	1.9	16
88	Mapping from heterogeneous biodiversity monitoring data sources. <i>Biodiversity and Conservation</i> , 2012 , 21, 2927-2948	3.4	21

87	Connectivity Determines Post-Fire Colonisation By Open-Habitat Bird Species: The Case of the Ortolan Bunting <i>Emberiza hortulana</i> . <i>Ardeola</i> , 2012 , 59, 57-74	1.1	3
86	Biogeography of species richness gradients: linking adaptive traits, demography and diversification. <i>Biological Reviews</i> , 2012 , 87, 457-79	13.5	32
85	Calibration of hybrid species distribution models: the value of general-purpose vs. targeted monitoring data. <i>Diversity and Distributions</i> , 2012 , 18, 977-989	5	12
84	Modelling invasive alien species distributions from digital biodiversity atlases. Model upscaling as a means of reconciling data at different scales. <i>Diversity and Distributions</i> , 2012 , 18, 1177-1189	5	22
83	History matters: Previous land use changes determine post-fire vegetation recovery in forested Mediterranean landscapes. <i>Forest Ecology and Management</i> , 2012 , 279, 121-127	3.9	38
82	TEASIng apart alien species risk assessments: a framework for best practices. <i>Ecology Letters</i> , 2012 , 15, 1475-93	10	201
81	Flexible dispersal strategies in native and non-native ranges: environmental quality and the good-stay, bad-disperse rule. <i>Ecography</i> , 2012 , 35, 1024-1032	6.5	33
80	Using species combinations in indicator value analyses. <i>Methods in Ecology and Evolution</i> , 2012 , 3, 973-982	7	160
79	Assessing the location and stability of foraging hotspots for pelagic seabirds: An approach to identify marine Important Bird Areas (IBAs) in Spain. <i>Biological Conservation</i> , 2012 , 156, 30-42	6.2	66
78	Differences in the climatic debts of birds and butterflies at a continental scale. <i>Nature Climate Change</i> , 2012 , 2, 121-124	21.4	458
77	Valuing acorn dispersal and resprouting capacity ecological functions to ensure Mediterranean forest resilience after fire. <i>European Journal of Forest Research</i> , 2012 , 131, 835-844	2.7	22
76	Fine-scale bird monitoring from light unmanned aircraft systems. <i>Ibis</i> , 2012 , 154, 177-183	1.9	102
75	More and more generalists: two decades of changes in the European avifauna. <i>Biology Letters</i> , 2012 , 8, 780-2	3.6	104
74	Uncertainty in thermal tolerances and climatic debt. <i>Nature Climate Change</i> , 2012 , 2, 638-639	21.4	13
73	Identifying location and causality of fire ignition hotspots in a Mediterranean region. <i>International Journal of Wildland Fire</i> , 2012 , 21, 905	3.2	40
72	Local and landscape-scale biotic correlates of mistletoe distribution in Mediterranean pine forests. <i>Forest Systems</i> , 2012 , 21, 179	0.9	6
71	Bird Community Responses to Vegetation Heterogeneity Following Non-Direct Regeneration of Mediterranean Forests after Fire. <i>Ardea</i> , 2011 , 99, 73-84	0.9	17
70	Woodlarks <i>Lullula arborea</i> and landscape heterogeneity created by land abandonment. <i>Bird Study</i> , 2011 , 58, 99-106	0.7	17

69	Climate change or land use dynamics: do we know what climate change indicators indicate?. <i>PLoS ONE</i> , 2011 , 6, e18581	3.7	101
68	Community responses to extreme climatic conditions. <i>Environmental Epigenetics</i> , 2011 , 57, 406-413	2.4	51
67	Functional landscape heterogeneity and animal biodiversity in agricultural landscapes. <i>Ecology Letters</i> , 2011 , 14, 101-12	10	974
66	Bird community specialization, bird conservation and disturbance: the role of wildfires. <i>Journal of Animal Ecology</i> , 2011 , 80, 128-36	4.7	42
65	Population Estimates: Towards Standardised Protocols as a Basis for Comparability. <i>Ardeola</i> , 2011 , 58, 365-370	1.1	2
64	Forest Avian Species Richness Distribution and Management Guidelines under Global Change in Mediterranean Landscapes 2011 , 231-251		
63	Natural, human and spatial constraints to expanding populations of otters in the Iberian Peninsula. <i>Journal of Biogeography</i> , 2010 , 37, 2345-2357	4.1	21
62	Functional homogenization of bird communities along habitat gradients: accounting for niche multidimensionality. <i>Global Ecology and Biogeography</i> , 2010 , 19, 684	6.1	42
61	Land-use changes as major drivers of mountain pine (<i>Pinus uncinata</i> Ram.) expansion in the Pyrenees. <i>Global Ecology and Biogeography</i> , 2010 , 19, no-no	6.1	28
60	Identifying set-aside features for bird conservation and management in northeast Iberian pseudo-steppes. <i>Bird Study</i> , 2010 , 57, 289-300	0.7	20
59	Effects of forest landscape change and management on the range expansion of forest bird species in the Mediterranean region. <i>Forest Ecology and Management</i> , 2010 , 259, 1338-1346	3.9	17
58	Geographical variation in the distributional constraints along a gradient of population aggregation. <i>Acta Oecologica</i> , 2010 , 36, 666-674	1.7	7
57	A new exotic bird in Europe: recent spread and potential range of Red-billed Leiothrix <i>Leiothrix lutea</i> in Catalonia (northeast Iberian Peninsula). <i>Bird Study</i> , 2010 , 57, 226-235	0.7	14
56	Assessing regional variation in conservation value using fine-grained bird atlases. <i>Biodiversity and Conservation</i> , 2010 , 19, 867-881	3.4	5
55	Dangers of predicting bird species distributions in response to land-cover changes 2009 , 19, 538-49		49
54	Do bird spatial distribution patterns reflect population trends in changing landscapes?. <i>Landscape Ecology</i> , 2009 , 24, 893-906	4.3	10
53	Consensual predictions of potential distributional areas for invasive species: a case study of Argentine ants in the Iberian Peninsula. <i>Biological Invasions</i> , 2009 , 11, 1017-1031	2.7	122
52	Postfire forest management and Mediterranean birds: the importance of the logging remnants. <i>Biodiversity and Conservation</i> , 2009 , 18, 2153-2164	3.4	12

51	Mediterranean forest dynamics and forest bird distribution changes in the late 20th century. <i>Global Change Biology</i> , 2009 , 15, 474-485	11.4	66
50	From introduction to equilibrium: reconstructing the invasive pathways of the Argentine ant in a Mediterranean region. <i>Global Change Biology</i> , 2009 , 15, 2101-2115	11.4	33
49	Habitat selection by Ortolan Buntings <i>Emberiza hortulana</i> in post-fire succession in Catalonia: implications for the conservation of farmland populations. <i>Ibis</i> , 2009 , 151, 752-761	1.9	17
48	Prominent role of invasive species in avian biodiversity loss. <i>Biological Conservation</i> , 2009 , 142, 2043-2049	6.2	129
47	Spatial extent of bird species response to landscape changes: colonisation/extinction dynamics at the community-level in two contrasting habitats. <i>Ecography</i> , 2008 , 31, 509-518	6.5	22
46	Geographic variation of the storing behaviour in the Coal tit <i>Parus ater</i> : role of winter residency and environmental conditions. <i>Ibis</i> , 2008 , 141, 587-595	1.9	6
45	Winter spacing and non-breeding social system of the Coal Tit <i>Parus ater</i> in a subalpine forest. <i>Ibis</i> , 2008 , 142, 657-667	1.9	7
44	Random sampling, abundance-extinction dynamics and niche-filtering immigration constraints explain the generation of species richness gradients. <i>Global Ecology and Biogeography</i> , 2008 , 17, 352-362	6.1	25
43	Wildfires and the expansion of threatened farmland birds: the ortolan bunting <i>Emberiza hortulana</i> in Mediterranean landscapes. <i>Journal of Applied Ecology</i> , 2008 , 45, 1059-1066	5.8	40
42	Is land abandonment having an impact on biodiversity? A meta-analytical approach to bird distribution changes in the north-western Mediterranean. <i>Biological Conservation</i> , 2008 , 141, 450-459	6.2	125
41	Assessing the response of open-habitat bird species to landscape changes in Mediterranean mosaics. <i>Biodiversity and Conservation</i> , 2008 , 17, 103-119	3.4	34
40	The role of natural habitats in agricultural systems for bird conservation: the case of the threatened Lesser Grey Shrike. <i>Biodiversity and Conservation</i> , 2008 , 17, 1997-2012	3.4	12
39	Teasing out biological effects and sampling artifacts when using occupancy rate in monitoring programs. <i>Journal of Field Ornithology</i> , 2008 , 79, 159-169	0.9	13
38	Community-based processes behind species richness gradients: contrasting abundance-extinction dynamics and sampling effects in areas of low and high productivity. <i>Global Ecology and Biogeography</i> , 2007 , 16, 709-719	6.1	24
37	Updating bird species distribution at large spatial scales: applications of habitat modelling to data from long-term monitoring programs. <i>Diversity and Distributions</i> , 2007 , 13, 276-288	5	75
36	The application of predictive modelling of species distribution to biodiversity conservation. <i>Diversity and Distributions</i> , 2007 , 13, 243-251	5	239
35	Effects of forest composition and structure on bird species richness in a Mediterranean context: Implications for forest ecosystem management. <i>Forest Ecology and Management</i> , 2007 , 242, 470-476	3.9	95
34	Effects of undergrowth clearing on the bird communities of the Northwestern Mediterranean Coppice Holm oak forests. <i>Forest Ecology and Management</i> , 2006 , 221, 72-82	3.9	80

33	Vegetation and songbird response to land abandonment: from landscape to census plot. <i>Diversity and Distributions</i> , 2006 , 13, 061117052025004-???	5	14
32	Model-based uncertainty in species range prediction. <i>Journal of Biogeography</i> , 2006 , 33, 1704-1711	4.1	659
31	Effect of adjacent agricultural habitat on the distribution of passerines in natural grasslands. <i>Biological Conservation</i> , 2005 , 124, 407-414	6.2	75
30	Colonization of dynamic Mediterranean landscapes: where do birds come from after fire?. <i>Journal of Biogeography</i> , 2005 , 32, 789-798	4.1	93
29	Do changes in climate patterns in wintering areas affect the timing of the spring arrival of trans-Saharan migrant birds?. <i>Global Change Biology</i> , 2005 , 11, 12-21	11.4	121
28	Bird assemblages in forest fragments within Mediterranean mosaics created by wild fires. <i>Landscape Ecology</i> , 2005 , 19, 663-675	4.3	58
27	Effects of restricting environmental range of data to project current and future species distributions. <i>Ecography</i> , 2004 , 27, 165-172	6.5	414
26	Presence-absence versus presence-only modelling methods for predicting bird habitat suitability. <i>Ecography</i> , 2004 , 27, 437-448	6.5	564
25	Biodiversity conservation: uncertainty in predictions of extinction risk. <i>Nature</i> , 2004 , 430, 1 p following 33; discussion following 33	50.4	160
24	Modelling the effects of irrigation schemes on the distribution of steppe birds in Mediterranean farmland. <i>Biodiversity and Conservation</i> , 2004 , 13, 1039-1058	3.4	89
23	Influence of morphology on winter residence and recruitment in juvenile coal tits (<i>Parus ater</i>) after the post-fledging period. <i>Ecoscience</i> , 2003 , 10, 273-282	1.1	8
22	Effects of landscape structure and forest reserve location on old-growth forest bird species in Northern Finland. <i>Landscape Ecology</i> , 2003 , 18, 377-393	4.3	34
21	Home range size of willow tits: a response to winter habitat loss. <i>Oecologia</i> , 2003 , 136, 635-42	2.9	40
20	Does fire increase the spatial heterogeneity of bird communities in Mediterranean landscapes?. <i>Ibis</i> , 2003 , 145, 307-317	1.9	38
19	Are fragments islands? Landscape context and density-area relationships in boreal forest birds. <i>American Naturalist</i> , 2003 , 162, 343-57	3.7	126
18	Effect of increased food abundance near forest edges on flocking patterns of Coal Tit <i>Parus ater</i> winter groups in mountain coniferous forests. <i>Bird Study</i> , 2003 , 50, 106-111	0.7	20
17	Forest bird diversity in Mediterranean areas affected by wildfires: a multi-scale approach. <i>Ecography</i> , 2002 , 25, 161-172	6.5	43
16	Food hoarding behaviour of black-capped chickadees (<i>Poecile atricapillus</i>) in relation to forest edges. <i>Oikos</i> , 2001 , 95, 511-519	4	11

15	Coal Tit fat-storing patterns during the non-breeding season: the role of residence status. <i>Journal of Avian Biology</i> , 2001 , 32, 333-337	1.9	10
14	Reduced bird occurrence in pine forest fragments associated with road proximity in a Mediterranean agricultural area. <i>Landscape and Urban Planning</i> , 2001 , 57, 77-89	7.7	35
13	Factors affecting bird communities in fragments of secondary pine forests in the north-western Mediterranean basin. <i>Acta Oecologica</i> , 2001 , 22, 21-31	1.7	25
12	Fluctuating asymmetry in Sardinian Warblers <i>Sylvia melanocephala</i> inhabiting two shrublands affected by fire. <i>Bird Study</i> , 2001 , 48, 180-187	0.7	3
11	Age-Related Microhabitat Segregation in Willow Tit <i>Parus montanus</i> Winter Flocks. <i>Ethology</i> , 2000 , 106, 993-1005	1.7	11
10	Individual food-hoarding decisions in a nonterritorial coal tit population: the role of social context. <i>Animal Behaviour</i> , 2000 , 60, 395-402	2.8	24
9	Winter Territoriality and Irruptive Behavior in the Paridae. <i>Auk</i> , 2000 , 117, 807-811	2.1	2
8	Attracting and capturing Coal Tits <i>Parus ater</i> : Biases associated with the use of tape lures. <i>Ringing and Migration</i> , 2000 , 20, 129-133	0.4	10
7	Direct and indirect effects of pollution on the foraging behaviour of forest passerines during the breeding season. <i>Canadian Journal of Zoology</i> , 1998 , 76, 556-565	1.5	5
6	A multi-scale landscape approach to understand dispersal of the mistletoe by birds in Mediterranean pine forests. <i>Landscape Ecology</i> , 1	4.3	0
5	Nature Conservation: A new dimension in Open Access publishing bridging science and application. <i>Nature Conservation</i> , 1, 1-10		5
4	Rapid behavioural response of urban birds to COVID-19 lockdown		3
3	Macroecological Patterns in Forest Bird Diversity in Europe 137-182		4
2	Mediterranean Forest Bird Communities and the Role of Landscape Heterogeneity in Space and Time 318-349		3
1	Spatial prioritisation of management zones in protected areas for the integration of multiple objectives. <i>Biodiversity and Conservation</i> , 1	3.4	0