Christian Kerbiriou

List of Publications by Year
in descending order

66	2,136	159585 30	265206 42
papers	citations	h-index	g-index

68	68	68	2204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The contribution of motorway stormwater retention ponds to the biodiversity of aquatic macroinvertebrates. Biological Conservation, 2009, 142, 3163-3171.	4.1	117
2	Tree microhabitats as indicators of bird and bat communities in Mediterranean forests. Ecological Indicators, 2013, 34, 221-230.	6.3	106
3	Ecological corridors also operate in an urban matrix: A test case with garden shrews. Urban Ecosystems, 2013, 16, 511-525.	2.4	103
4	Which factors influence the occurrence and density of tree microhabitats in Mediterranean oak forests?. Forest Ecology and Management, 2013, 295, 118-125.	3.2	82
5	Disentangling the relative effect of light pollution, impervious surfaces and intensive agriculture on bat activity with a national-scale monitoring program. Landscape Ecology, 2016, 31, 2471-2483.	4.2	73
6	Is partâ€night lighting an effective measure to limit the impacts of artificial lighting on bats?. Global Change Biology, 2015, 21, 4333-4341.	9.5	72
7	Tourism in protected areas can threaten wild populations: from individual response to population viability of the chough Pyrrhocorax pyrrhocorax. Journal of Applied Ecology, 2009, 46, 657-665.	4.0	69
8	The Influence of Low Intensities of Light Pollution on Bat Communities in a Semi-Natural Context. PLoS ONE, 2014, 9, e103042.	2.5	67
9	OECD pressureâ€“stateâ€“response indicators for managing biodiversity: a realistic perspective for a French biosphere reserve. Biodiversity and Conservation, 2009, 18, 1719-1732.	2.6	58
10	Bat activity in intensively farmed landscapes with wind turbines and offset measures. Ecological Engineering, 2015, 75, 250-257.	3.6	55
11	More amphibians than expected in highway stormwater ponds. Ecological Engineering, 2012, 47, 146-154.	3.6	52
12	Evidence for distance and illuminance thresholds in the effects of artificial lighting on bat activity. Landscape and Urban Planning, 2018, 175, 123-135.	7.5	52
13	Estimating habitat loss due to wind turbine avoidance by bats: Implications for European siting guidance. Biological Conservation, 2018, 226, 205-214.	4.1	52
14	Use of Largeâ€Scale Acoustic Monitoring to Assess Anthropogenic Pressures on Orthoptera Communities. Conservation Biology, 2013, 27, 979-987.	4.7	47
15	Reducing light pollution improves connectivity for bats in urban landscapes. Landscape Ecology, 2019, 34, 793-809.	4.2	45
16	Plant and spider communities benefit differently from the presence of planted hedgerows in highway verges. Biological Conservation, 2008, 141, 1581-1590.	4.1	44
17	More species, fewer specialists: 100â€ƒyears of changes in community composition in an island biogeographical study. Diversity and Distributions, 2009, 15, 641-648.	4.1	43
18	Large-scale semi-automated acoustic monitoring allows to detect temporal decline of bush-crickets. Global Ecology and Conservation, 2016, 6, 208-218.	2.1	43

#	Article	IF	Citations
19	Common bats are more abundant within Natura 2000 areas. Biological Conservation, 2018, 217, 66-74.	4.1	42
20	Ecological Equivalence Assessment Methods: What Trade-Offs between Operationality, Scientific Basis and Comprehensiveness?. Environmental Management, 2017, 60, 216-230.	2.7	41
21	The impact of human frequentation on coastal vegetation in a biosphere reserve. Journal of Environmental Management, 2008, 88, 715-728.	7.8	39
22	Do biodiversity offsets achieve No Net Loss? An evaluation of offsets in a French department. Biological Conservation, 2019, 231, 24-29.	4.1	38
23	Urbanisation effect on <scp>O</scp>rthoptera: which scale matters?. Insect Conservation and Diversity, 2013, 6, 319-327.	3.0	36
24	Offsets and Conservation of the Species of the EU Habitats and Birds Directives. Conservation Biology, 2013, 27, 1335-1343.	4.7	36
25	Contribution of private gardens to habitat availability, connectivity and conservation of the common pipistrelle in Paris. Landscape and Urban Planning, 2020, 193, 103671.	7.5	36
26	Major roads have important negative effects on insectivorous bat activity. Biological Conservation, 2019, 235, 53-62.	4.1	35
27	Road network in an agrarian landscape: Potential habitat, corridor or barrier for small mammals?. Acta Oecologica, 2015, 62, 58-65.	1.1	34
28	Effects of hedgerows on bats and bush crickets at different spatial scales. Acta Oecologica, 2016, 71, 61-72.	1.1	33
29	Accounting for automated identification errors in acoustic surveys. Methods in Ecology and Evolution, 2019, 10, 1171-1188.	5.2	33
30	Modelling landscape connectivity for greater horseshoe bat using an empirical quantification of resistance. Journal of Applied Ecology, 2018, 55, 2600-2611.	4.0	32
31	Activity of European common bats along railway verges. Ecological Engineering, 2014, 64, 49-56.	3.6	31
32	Wind turbines impact bat activity, leading to high losses of habitat use in a biodiversity hotspot. Ecological Engineering, 2018, 112, 51-54.	3.6	30
33	Linking territory quality and reproductive success in the Redâ€billed Chough Pyrrhocorax pyrrochorax: implications for conservation management of an endangered population. Ibis, 2006, 148, 352-364.	1.9	27
34	Role-playing game developed from a modelling process: A relevant participatory tool for sustainable development? A co-construction experiment in an insular biosphere reserve. Land Use Policy, 2013, 32, 96-107.	5.6	27
35	Pronounced genetic structure and low genetic diversity in European red-billed chough (Pyrrhocorax) Tj ETQq1 1 0.784314 rgBT /Overl	1.5	25
36	Grasping darkness: the dark ecological network as a social-ecological framework to limit the impacts of light pollution on biodiversity. Ecology and Society, 2021, 26, .	2.3	23

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37	Landscape composition and lifeâ€history traits influence bat movement and space use: Analysis of 30 years of published telemetry data. Global Ecology and Biogeography, 2021, 30, 2442-2454.	5.8	23
38	A plea for a worldwide development of dark infrastructure for biodiversity â€“ Practical examples and ways to go forward. Landscape and Urban Planning, 2022, 219, 104332.	7.5	22
39	The Relative Effects of Local and Landscape Characteristics of Hedgerows on Bats. Diversity, 2018, 10, 72.	1.7	20
40	Bat overpasses: An insufficient solution to restore habitat connectivity across roads. Journal of Applied Ecology, 2019, 56, 573-584.	4.0	20
41	Potential of bat pass duration measures for studies of bat activity. Bioacoustics, 2019, 28, 177-192.	1.7	20
42	Switching LPS to LED Streetlight May Dramatically Reduce Activity and Foraging of Bats. Diversity, 2020, 12, 165.	1.7	19
43	Bats seek refuge in cluttered environment when exposed to white and red lights at night. Movement Ecology, 2021, 9, 3.	2.8	19
44	A co-modelling process of social and natural dynamics on the isle of Ouessant: Sheep, turf and bikes. Environmental Modelling and Software, 2010, 25, 1399-1412.	4.5	18
45	Demographic consequences of prey availability and diet of Red-billed ChoughsPyrrhocorax pyrrhocorax. Bird Study, 2007, 54, 296-306.	1.0	17
46	Co-Modeling Process, Negotiations, and Power Relationships: Some Outputs From a MAB Project on the Island of Ouessant. Society and Natural Resources, 2009, 22, 172-188.	1.9	16
47	The extended concept of littoral active zone considering soft sediment shores as social-ecological systems, and an application to Brittany (North-Western France). Estuarine, Coastal and Shelf Science, 2021, 250, 107148.	2.1	15
48	Possible effects of roadside verges on vole outbreaks in an intensive agrarian landscape. Mammalian Biology, 2010, 75, 92-94.	1.5	13
49	Body size information in large-scale acoustic bat databases. PeerJ, 2018, 6, e5370.	2.0	13
50	Landscape composition drives the impacts of artificial light at night on insectivorous bats. Environmental Pollution, 2022, 292, 118394.	7.5	13
51	The contribution of agent-based simulations to conservation management on a Natura 2000 site. Journal of Environmental Management, 2016, 168, 27-35.	7.8	12
52	Bat Pass Duration Measurement: An Indirect Measure of Distance of Detection. Diversity, 2019, 11, 47.	1.7	12
53	Potential of restoration of gravel-sand pits for Bats. Ecological Engineering, 2018, 110, 137-145.	3.6	11
54	Bat overpasses as an alternative solution to restore habitat connectivity in the context of road requalification. Ecological Engineering, 2019, 131, 34-38.	3.6	11

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55	Distance to hedgerows drives local repulsion and attraction of wind turbines on bats: Implications for spatial siting. Journal of Applied Ecology, 2022, 59, 2142-2153.	4.0	11
56	Understanding Bat-Habitat Associations and the Effects of Monitoring on Long-Term Roost Success using a Volunteer Dataset. Acta Chiropterologica, 2014, 16, 397-411.	0.6	10
57	Even low light pollution levels affect the spatial distribution and timing of activity of a â€œlight tolerantâ€•bat species. Environmental Pollution, 2022, 305, 119267.	7.5	10
58	Sustain common species and ecosystem functions through biodiversity offsets: response to Pilgrim et al.. Conservation Letters, 2013, 6, 385-386.	5.7	8
59	Adapting street lighting to limit light pollutionâ€™s impacts on bats. Global Ecology and Conservation, 2021, 28, e01648.	2.1	8
60	Assessing the importance of field margins for bat species and communities in intensive agricultural landscapes. Agriculture, Ecosystems and Environment, 2021, 319, 107494.	5.3	7
61	Dynamics of a northern fulmar (Fulmarus glacialis) population at the southern limit of its range in Europe. Population Ecology, 2012, 54, 295-304.	1.2	3
62	Going beyond species richness and abundance: robustness of community specialisation measures in short acoustic surveys. Biodiversity and Conservation, 2021, 30, 343-363.	2.6	3
63	Disentangling effects of local and landscape variables on attractiveness of restored gravelâ€sand pits for bat foraging activities. Land Degradation and Development, 2020, 31, 2329-2339.	3.9	2
64	Calculation of biodiversity level between different land-uses to improve conservation outcomes of biodiversity offsetting. Land Use Policy, 2021, 101, 105161.	5.6	2
65	Bat Overpasses Help Bats to Cross Roads Safely by Increasing Their Flight Height. Acta Chiropterologica, 2021, 23, .	0.6	0
66	ModÃ©lisation dâ€™accompagnement en gestion conservatoire. Revue Internationale De GÃ©omatique, 2015, 25, 495-514.	0.1	0