

Thierry Boulinier

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

7,988
citations

76326

40
h-index

56724

83
g-index

125
all docs

125
docs citations

125
times ranked

7345
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring of biological diversity in space and time. Trends in Ecology and Evolution, 2001, 16, 446-453.	8.7	1,055
2	ESTIMATING SPECIES RICHNESS: THE IMPORTANCE OF HETEROGENEITY IN SPECIES DETECTABILITY. Ecology, 1998, 79, 1018-1028.	3.2	440
3	CONSPECIFIC REPRODUCTIVE SUCCESS AND BREEDING HABITAT SELECTION: IMPLICATIONS FOR THE STUDY OF COLONIALITY. Ecology, 1998, 79, 2415-2428.	3.2	430
4	Analysis of aggregation, a worked example: numbers of ticks on red grouse chicks. Parasitology, 2001, 122, 563-569.	1.5	325
5	When to use public information for breeding habitat selection? The role of environmental predictability and density dependence. Animal Behaviour, 2003, 66, 973-988.	1.9	262
6	The use of conspecific reproductive success for breeding patch selection in terrestrial migratory species. Evolutionary Ecology, 1997, 11, 505-517.	1.2	255
7	Spatial ecology and conservation of seabirds facing global climate change: a review. Marine Ecology - Progress Series, 2009, 391, 121-137.	1.9	218
8	Informed Dispersal. , 1999, , 189-259.		214
9	Timing of Prospecting and the Value of Information in a Colonial Breeding Bird. Journal of Avian Biology, 1996, 27, 252.	1.2	172
10	Maternal transfer of antibodies: raising immuno-ecology issues. Trends in Ecology and Evolution, 2008, 23, 282-288.	8.7	167
11	Multicolony tracking reveals the winter distribution of a pelagic seabird on an ocean basin scale. Diversity and Distributions, 2012, 18, 530-542.	4.1	165
12	HOST-DEPENDENT GENETIC STRUCTURE OF PARASITE POPULATIONS: DIFFERENTIAL DISPERSAL OF SEABIRD TICK HOST RACES. Evolution; International Journal of Organic Evolution, 2003, 57, 288-296.	2.3	164
13	FOREST FRAGMENTATION AND BIRD COMMUNITY DYNAMICS: INFERENCE AT REGIONAL SCALES. Ecology, 2001, 82, 1159-1169.	3.2	160
14	ESTIMATING RATES OF LOCAL SPECIES EXTINCTION, COLONIZATION, AND TURNOVER IN ANIMAL COMMUNITIES. , 1998, 8, 1213-1225.		143
15	Sexual selection affects local extinction and turnover in bird communities. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5858-5862.	7.1	139
16	Host specificity of a generalist parasite: genetic evidence of sympatric host races in the seabird tick Ixodes uriae. Journal of Evolutionary Biology, 2001, 14, 395-405.	1.7	138
17	Inference Methods for Spatial Variation in Species Richness and Community Composition When Not All Species Are Detected. Conservation Biology, 1998, 12, 1390-1398.	4.7	134
18	Higher temporal variability of forest breeding bird communities in fragmented landscapes. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 7497-7501.	7.1	130

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19	Public information affects breeding dispersal in a colonial bird: kittiwakes cue on neighbours. <i>Biology Letters</i> , 2008, 4, 538-540.	2.3	127
20	Genetics of host-parasite interactions. <i>Trends in Ecology and Evolution</i> , 1997, 12, 196-200.	8.7	122
21	Induced maternal response to the Lyme disease spirochaete <i>Borrelia burgdorferi</i> sensu lato in a colonial seabird, the kittiwake <i>Rissa tridactyla</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 647-650.	2.6	119
22	COMDYN: software to study the dynamics of animal communities using a capture-recapture approach. <i>Bird Study</i> , 1999, 46, S209-S217.	1.0	115
23	Comparative host-parasite population structures: disentangling prospecting and dispersal in the black-legged kittiwake <i>Rissa tridactyla</i> . <i>Molecular Ecology</i> , 2005, 14, 2825-2838.	3.9	101
24	Recurrent evolution of host-specialized races in a globally distributed parasite. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 2389-2395.	2.6	92
25	Contacts and foot and mouth disease transmission from wild to domestic bovines in Africa. <i>Ecosphere</i> , 2013, 4, 1-32.	2.2	80
26	Recent evolution of host-associated divergence in the seabird tick <i>Ixodes uriae</i> . <i>Molecular Ecology</i> , 2009, 18, 4450-4462.	3.9	79
27	Food availability affects the maternal transfer of androgens and antibodies into eggs of a colonial seabird. <i>Journal of Evolutionary Biology</i> , 2007, 20, 874-880.	1.7	69
28	Population trends in Kittiwake <i>Rissa tridactyla</i> colonies in relation to tick infestation. <i>Ibis</i> , 1996, 138, 326-334.	1.9	66
29	Migration, Prospecting, Dispersal? What Host Movement Matters for Infectious Agent Circulation?. <i>Integrative and Comparative Biology</i> , 2016, 56, 330-342.	2.0	64
30	Inference Methods for Spatial Variation in Species Richness and Community Composition When Not All Species Are Detected. <i>Conservation Biology</i> , 1998, 12, 1390-1398.	4.7	59
31	Related concentrations of specific immunoglobulins against the Lyme disease agent <i>Borrelia burgdorferi</i> sensu lato in eggs, young and adults of the kittiwake (<i>Rissa tridactyla</i>). <i>Ecology Letters</i> , 2002, 5, 519-524.	6.4	59
32	Tracking prospecting movements involved in breeding habitat selection: insights, pitfalls and perspectives. <i>Methods in Ecology and Evolution</i> , 2013, 4, 143-150.	5.2	59
33	Multispecies tracking reveals a major seabird hotspot in the North Atlantic. <i>Conservation Letters</i> , 2021, 14, e12824.	5.7	54
34	Maternal antibody persistence: a neglected life-history trait with implications from albatross conservation to comparative immunology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2033-2041.	2.6	53
35	Genetic structure of marine <i>Borrelia garinii</i> and population admixture with the terrestrial cycle of Lyme borreliosis. <i>Environmental Microbiology</i> , 2011, 13, 2453-2467.	3.8	51
36	Measuring aggregation of parasites at different host population levels. <i>Parasitology</i> , 1996, 112, 581-587.	1.5	50

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37	Laridae: A neglected reservoir that could play a major role in avian influenza virus epidemiological dynamics. <i>Critical Reviews in Microbiology</i> , 2015, 41, 508-519.	6.1	50
38	Combining stable isotope analyses and geolocation to reveal kittiwake migration. <i>Marine Ecology - Progress Series</i> , 2011, 435, 251-261.	1.9	48
39	Prevalence and diversity of Lyme borreliosis bacteria in marine birds. <i>Infection, Genetics and Evolution</i> , 2008, 8, 352-359.	2.3	44
40	Parent-offspring regression suggests heritable susceptibility to ectoparasites in a natural population of kittiwake. <i>Journal of Evolutionary Biology</i> , 1997, 10, 77.	1.7	44
41	Robots in Ecology: Welcome to the machine. <i>Open Journal of Ecology</i> , 2012, 02, 49-57.	1.0	43
42	Acoustic communication in the Kittiwake <i>Rissa tridactyla</i> : potential cues for sexual and individual signatures in long calls. <i>Polar Biology</i> , 2007, 30, 1027-1033.	1.2	42
43	Dynamics of anti-Borrelia antibodies in Black-legged Kittiwake (<i>Rissa tridactyla</i>) chicks suggest a maternal educational effect. <i>Canadian Journal of Zoology</i> , 2006, 84, 623-627.	1.0	41
44	Evidence of an interannual effect of maternal immunization on the immune response of juveniles in a long-lived colonial bird. <i>Journal of Animal Ecology</i> , 2007, 76, 1215-1223.	2.8	41
45	Does time of season influence bird species number determined from point-count data? A capture-recapture approach. <i>Journal of Field Ornithology</i> , 2003, 74, 349-356.	0.5	40
46	Breeding bird communities in southern Tunisian oases: the importance of traditional agricultural practices for bird diversity in a semi-natural system. <i>Biological Conservation</i> , 2003, 110, 285-294.	4.1	39
47	Bird communities in suburban patches near Paris: Determinants of local richness in a highly fragmented landscape. <i>Ecoscience</i> , 2006, 13, 249-257.	1.4	38
48	Avian cholera outbreaks threaten seabird species on Amsterdam Island. <i>PLoS ONE</i> , 2018, 13, e0197291.	2.5	37
49	DETERMINANTS OF LOCAL EXTINCTION AND TURNOVER RATES IN URBAN BIRD COMMUNITIES. , 2007, 17, 168-180.		35
50	INTERANNUAL DYNAMICS OF ANTIBODY LEVELS IN NATURALLY INFECTED LONG-LIVED COLONIAL BIRDS. <i>Ecology</i> , 2007, 88, 3183-3191.	3.2	34
51	Determinants of bird community composition on patches in the suburbs of Paris, France. <i>Biological Conservation</i> , 2011, 144, 243-252.	4.1	34
52	Exposure of black-legged kittiwakes to Lyme disease spirochetes: dynamics of the immune status of adult hosts and effects on their survival. <i>Journal of Animal Ecology</i> , 2012, 81, 986-995.	2.8	34
53	Predicting population responses to environmental change: the importance of considering informed dispersal strategies in spatially structured population models. <i>Diversity and Distributions</i> , 2015, 21, 88-100.	4.1	34
54	Dispersal and Distribution of the Tick <i>Ixodes uriae</i> within and among Seabird Host Populations: The Need for a Population Genetic Approach. <i>Journal of Parasitology</i> , 1999, 85, 196.	0.7	33

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55	Circulation of a Meaban-Like Virus in Yellow-Legged Gulls and Seabird Ticks in the Western Mediterranean Basin. <i>PLoS ONE</i> , 2014, 9, e89601.	2.5	33
56	Population genetics of the common guillemot, <i>Uria aalge</i> , in the North Atlantic: geographic impact of oil spills. <i>Marine Ecology - Progress Series</i> , 2005, 291, 263-273.	1.9	33
57	Prey density in non-breeding areas affects adult survival of black-legged kittiwakes <i>Rissa tridactyla</i> . <i>Marine Ecology - Progress Series</i> , 2014, 509, 289-302.	1.9	32
58	Multi-colony tracking reveals spatio-temporal variation in carry-over effects between breeding success and winter movements in a pelagic seabird. <i>Marine Ecology - Progress Series</i> , 2017, 578, 167-181.	1.9	32
59	Spatio-temporal dynamics of species richness in coastal fish communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1781-1789.	2.6	31
60	Ecological impact of the "Erika" oil spill: Determination of the geographic origin of the affected common guillemots. <i>Aquatic Living Resources</i> , 2004, 17, 369-377.	1.2	30
61	Monitoring of biological diversity " a response to Danielsen et al.. <i>Oryx</i> , 2003, 37, .	1.0	29
62	Vaccination: a way to address questions in behavioral and population ecology?. <i>Trends in Parasitology</i> , 2004, 20, 17-22.	3.3	28
63	Linking morphometric and genetic divergence with host use in the tick complex, <i>Ornithodoros capensis sensu lato</i> . <i>Infection, Genetics and Evolution</i> , 2016, 46, 12-22.	2.3	28
64	AN EXPERIMENTAL STUDY OF THE COSTS OF REPRODUCTION IN THE KITTIWAKERISSA TRIDACTYLA: COMMENT. <i>Ecology</i> , 1997, 78, 1284-1287.	3.2	27
65	Breeding failure induces large scale prospecting movements in the black-legged kittiwake. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 473, 138-145.	1.5	27
66	Testing the effect of conspecific reproductive success on dispersal and recruitment decisions in a colonial bird: Design issues. <i>Journal of Applied Statistics</i> , 2002, 29, 509-520.	1.3	26
67	Tracing the colonization and diversification of the worldwide seabird ectoparasite <i>Ixodes uriae</i> . <i>Molecular Ecology</i> , 2014, 23, 3292-3305.	3.9	26
68	Female blue tits with brighter yellow chests transfer more carotenoids to their eggs after an immune challenge. <i>Oecologia</i> , 2013, 173, 387-397.	2.0	24
69	Eggshell Spottiness Reflects Maternally Transferred Antibodies in Blue Tits. <i>PLoS ONE</i> , 2012, 7, e50389.	2.5	24
70	An experimental test of host specialization in a ubiquitous polar ectoparasite: a role for adaptation?. <i>Journal of Animal Ecology</i> , 2014, 83, 576-587.	2.8	23
71	The role of seabirds of the Iles Eparses as reservoirs and disseminators of parasites and pathogens. <i>Acta Oecologica</i> , 2016, 72, 98-109.	1.1	23
72	Intense prospecting movements of failed breeders nesting in an unsuccessful breeding subcolony. <i>Animal Behaviour</i> , 2017, 124, 183-191.	1.9	23

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73	Variable exposure and immunological response to Lyme disease <i>Borrelia</i> among North Atlantic seabird species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 2101-2109.	2.6	22
74	Body size and shape evolution in host races of the tick <i>Ixodes uriae</i> . <i>Biological Journal of the Linnean Society</i> , 2013, 108, 323-334.	1.6	22
75	Long Antibody Persistence and Transgenerational Transfer of Immunity in a Long-Lived Vertebrate. <i>American Naturalist</i> , 2014, 184, 764-776.	2.1	22
76	COEVOLUTION BETWEEN MATERNAL TRANSFER OF IMMUNITY AND OTHER RESISTANCE STRATEGIES AGAINST PATHOGENS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3067-3078.	2.3	21
77	Richness and Composition of Oasis Bird Communities: Spatial Issues and Species–Area Relationships. <i>Auk</i> , 2002, 119, 533-539.	1.4	20
78	Inter-oceanic variation in patterns of host-associated divergence in a seabird ectoparasite. <i>Journal of Biogeography</i> , 2012, 39, 545-555.	3.0	20
79	Influenza A Virus on Oceanic Islands: Host and Viral Diversity in Seabirds in the Western Indian Ocean. <i>PLoS Pathogens</i> , 2015, 11, e1004925.	4.7	20
80	Impact of life stage-dependent dispersal on the colonization dynamics of host patches by ticks and tick-borne infectious agents. <i>Parasites and Vectors</i> , 2017, 10, 375.	2.5	20
81	Risk assessment of SARS-CoV-2 in Antarctic wildlife. <i>Science of the Total Environment</i> , 2021, 755, 143352.	8.0	20
82	Maternal Antibody Transfer in Yellow-legged Gulls. <i>Emerging Infectious Diseases</i> , 2009, 15, 1147-1149.	4.3	19
83	Estimating transitions between states using measurements with imperfect detection: application to serological data. <i>Ecology</i> , 2013, 94, 2160-2165.	3.2	19
84	Vaccination protects endangered albatross chicks against avian cholera. <i>Conservation Letters</i> , 2018, 11, e12443.	5.7	19
85	Distribution-abundance relationship for passerines breeding in Tunisian oases: test of the sampling hypothesis. <i>Oecologia</i> , 2004, 139, 440-445.	2.0	17
86	Heterogeneity in detection probability along the breeding season in Black-legged Kittiwakes: implications for sampling design. <i>Journal of Ornithology</i> , 2012, 152, 371-380.	1.1	17
87	Exposure of breeding albatrosses to the agent of avian cholera: dynamics of antibody levels and ecological implications. <i>Oecologia</i> , 2019, 189, 939-949.	2.0	17
88	Maternal Antibody Transmission in Relation to Mother Fluctuating Asymmetry in a Long-Lived Colonial Seabird: The Yellow-Legged Gull <i>Larus michahellis</i> . <i>PLoS ONE</i> , 2012, 7, e34966.	2.5	17
89	Distribution and abundance patterns of a newly colonizing species in Tunisian oases: the Common Blackbird <i>Turdus merula</i> . <i>Ibis</i> , 2003, 145, 681-688.	1.9	16
90	Interpreting ELISA analyses from wild animal samples: Some recurrent issues and solutions. <i>Functional Ecology</i> , 2017, 31, 2255-2262.	3.6	16

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91	Next-generation serology: integrating cross-sectional and capture-recapture approaches to infer disease dynamics. <i>Ecology</i> , 2020, 101, e02923.	3.2	16
92	Estimating Species Richness: The Importance of Heterogeneity in Species Detectability. <i>Ecology</i> , 1998, 79, 1018.	3.2	16
93	Prevalence of Influenza A Antibodies in Yellow-Legged Gull (<i>Larus michahellis</i>) Eggs and Adults in Southern Tunisia. <i>Vector-Borne and Zoonotic Diseases</i> , 2011, 11, 1583-1590.	1.5	15
94	On Breeding Performance, Colony Growth and Habitat Selection in Buff-Necked Ibis. <i>Condor</i> , 1996, 98, 440-441.	1.6	14
95	Seabirds and the Circulation of Lyme Borreliosis Bacteria in the North Pacific. <i>Vector-Borne and Zoonotic Diseases</i> , 2011, 11, 1521-1527.	1.5	14
96	Length of intervals between epidemics: evaluating the influence of maternal transfer of immunity. <i>Ecology and Evolution</i> , 2014, 4, 568-575.	1.9	13
97	Kittiwakes strategically reduce investment in replacement clutches. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1551-1554.	2.6	12
98	Exposure of yellow-legged gulls to <i>Toxoplasma gondii</i> along the Western Mediterranean coasts: Tales from a sentinel. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2019, 8, 221-228.	1.5	12
99	Forest Fragmentation and Bird Community Dynamics: Inference at Regional Scales. <i>Ecology</i> , 2001, 82, 1159.	3.2	12
100	Diversity, prevalence and host specificity of avian parasites in southern Tunisian oases. <i>Parasitology</i> , 2018, 145, 971-978.	1.5	11
101	Predator and scavenger movements among and within endangered seabird colonies: Opportunities for pathogen spread. <i>Journal of Applied Ecology</i> , 2020, 57, 367-378.	4.0	11
102	Ecosystems and parasitism: the spatial dimension. , 2005, , 68-84.		11
103	Evidence of cross-transfer of maternal antibodies through allosuckling in a mammal: Potential importance for behavioral ecology. <i>Mammalian Biology</i> , 2013, 78, 361-364.	1.5	10
104	Evidence of exposure of laughing doves (<i>Spilopelia senegalensis</i>) to West Nile and Usutu viruses in southern Tunisian oases. <i>Epidemiology and Infection</i> , 2017, 145, 2808-2816.	2.1	10
105	Impact of Annual Bacterial Epizootics on Albatross Population on a Remote Island. <i>EcoHealth</i> , 2020, 17, 194-202.	2.0	10
106	INTRA-GUILD COMPENSATION REGULATES SPECIES RICHNESS IN DESERT RODENTS: COMMENT. <i>Ecology</i> , 2006, 87, 2118-2121.	3.2	9
107	Colouration in Atlantic puffins and blacklegged kittiwakes: monochromatism and links to body condition in both sexes. <i>Journal of Avian Biology</i> , 2013, 44, 451-460.	1.2	9
108	Evolution of the temporal persistence of immune protection. <i>Biology Letters</i> , 2013, 9, 20130017.	2.3	9

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109	Serological evidence for the circulation of flaviviruses in seabird populations of the western Indian Ocean. <i>Epidemiology and Infection</i> , 2016, 144, 652-660.	2.1	9
110	Characterising African tick communities at a wild-domestic interface using repeated sampling protocols and models. <i>Acta Tropica</i> , 2014, 138, 5-14.	2.0	8
111	Effects of seasonality, isolation and patch quality for habitat selection processes by mute swans (<i>Cygnus olor</i>) in a fishpond landscape. <i>Oikos</i> , 2011, 120, 801-812.	2.7	7
112	The evolution of coloniality: does commodity selection explain it all? Reply to Tella, Hiraldo and Donazar. <i>Trends in Ecology and Evolution</i> , 1998, 13, 76.	8.7	6
113	Kittiwake eggs viewed by conspecifics and predators: implications for colour signal evolution. <i>Biological Journal of the Linnean Society</i> , 2017, 122, 301-312.	1.6	6
114	Egg sampling as a possible alternative to blood sampling when monitoring the exposure of yellow-legged gulls (<i>Larus michahellis</i>) to avian influenza viruses. <i>Avian Pathology</i> , 2014, 43, 547-551.	2.0	5
115	Flaviviruses in migratory passerines during spring stopover in a desert oasis. <i>Zoonoses and Public Health</i> , 2019, 66, 495-503.	2.2	5
116	Estimation of local extinction rates when species detectability covaries with extinction probability: is it a problem?. <i>Oikos</i> , 2006, 113, 132-138.	2.7	4
117	Infestation of small seabirds by <i>Ornithodoros maritimus</i> ticks: Effects on chick body condition, reproduction and associated infectious agents. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101281.	2.7	4
118	Survival estimates strongly depend on capture-recapture designs in a disturbed environment inducing dispersal. <i>Ecography</i> , 2018, 41, 2055-2066.	4.5	3
119	Richness and Composition of Oasis Bird Communities: Spatial Issues and Species-Area Relationships. <i>Auk</i> , 2002, 119, 533-539.	1.4	0
120	Seabirds blinded by ticks. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 322-322.	4.0	0
121	Next-generation Serology: Integrating Cross-sectional and Capture-recapture Approaches to Infer Disease Dynamics. <i>Bulletin of the Ecological Society of America</i> , 2020, 101, e01670.	0.2	0
122	Chapitre 7. La sélection d'un lieu de reproduction. , 2021, , 171-198.		0