

# Etienne Danchin

## List of Publications by Year in descending order

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Version: 2024-02-01

128  
papers

9,440  
citations

50276

46  
h-index

40979

93  
g-index

131  
all docs

131  
docs citations

131  
times ranked

6529  
citing authors

#	ARTICLE	IF	CITATIONS
1	MHC-II distance between parents predicts sex allocation decisions in a genetically monogamous bird. <i>Behavioral Ecology</i> , 2022, 33, 245-251.	2.2	2
2	The importance of population heterogeneities in detecting social learning as the foundation of animal cultural transmission. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	2.6	4
3	Spying on your neighbours? Social information affects timing of breeding and stress hormone levels in a colonial seabird. <i>Evolutionary Ecology</i> , 2021, 35, 463-481.	1.2	1
4	Beyond social learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200050.	4.0	16
5	Response to Kalchhauser et al.: Inherited Gene Regulation Is not Enough to Understand Nongenetic Inheritance. <i>Trends in Ecology and Evolution</i> , 2021, 36, 475-476.	8.7	6
6	Chapitre 12. Vivre en groupe: hypothèses et controverses. , 2021, , 367-405.		0
7	Chapitre 7. La sélection d'un lieu de reproduction. , 2021, , 171-198.		0
8	First evidence for a significant effect of the regression to the mean fallacy in mate copying: a comment on Davies et al. <i>Behavioral Ecology</i> , 2020, 31, 1292-1293.	2.2	4
9	Sex and hatching order modulate the association between MHC-II diversity and fitness in early-life stages of a wild seabird. <i>Molecular Ecology</i> , 2020, 29, 3316-3329.	3.9	12
10	Intraspecific difference among herbivore lineages and their host-plant specialization drive the strength of trophic cascades. <i>Ecology Letters</i> , 2020, 23, 1242-1251.	6.4	5
11	Epigenetics in ecology and evolution. <i>Functional Ecology</i> , 2020, 34, 381-384.	3.6	20
12	Epigenetics and insect polyphenism: mechanisms and climate change impacts. <i>Current Opinion in Insect Science</i> , 2019, 35, 138-145.	4.4	35
13	Different phenotypic plastic responses to predators observed among aphid lineages specialized on different host plants. <i>Scientific Reports</i> , 2019, 9, 9017.	3.3	13
14	Response to Comment on "Cultural flies: Conformist social learning in fruitflies predicts long-lasting mate-choice traditions". <i>Science</i> , 2019, 366, .	12.6	0
15	Red coloration varies with dietary carotenoid access and nutritional condition in kittiwakes. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	5
16	Behavioural avoidance of sperm ageing depends on genetic similarity of mates in a monogamous seabird. <i>Biological Journal of the Linnean Society</i> , 2019, 128, 170-180.	1.6	2
17	Offspring sex-ratio and environmental conditions in a seabird with sex-specific rearing costs: a long-term experimental approach. <i>Evolutionary Ecology</i> , 2019, 33, 417-433.	1.2	3
18	Early in life effects and heredity: reconciling neo-Darwinism with neo-Lamarckism under the banner of the inclusive evolutionary synthesis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180113.	4.0	28

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19	Experimental evidence of a sexually transmitted infection in a wild vertebrate, the black-legged kittiwake ( <i>Rissa tridactyla</i> ). <i>Biological Journal of the Linnean Society</i> , 2019, 127, 292-298.	1.6	6
20	Epigenetically facilitated mutational assimilation: epigenetics as a hub within the inclusive evolutionary synthesis. <i>Biological Reviews</i> , 2019, 94, 259-282.	10.4	75
21	The Missing Response to Selection in the Wild. <i>Trends in Ecology and Evolution</i> , 2018, 33, 337-346.	8.7	102
22	Effects of a sex ratio gradient on female mate-copying and choosiness in <i>Drosophila melanogaster</i> . <i>Environmental Epigenetics</i> , 2018, 64, 251-258.	1.8	22
23	Cultural flies: Conformist social learning in fruitflies predicts long-lasting mate-choice traditions. <i>Science</i> , 2018, 362, 1025-1030.	12.6	157
24	Overwintering aggregations are part of <i>Hippodamia undecimnotata</i> ™s (Coleoptera: Coccinellidae) mating system. <i>PLoS ONE</i> , 2018, 13, e0197108.	2.5	27
25	Mate-copying for a costly variant in <i>Drosophila melanogaster</i> females. <i>Behavioral Ecology</i> , 2018, 29, 1150-1156.	2.2	20
26	Mate copying in <i>Drosophila melanogaster</i> males. <i>Animal Behaviour</i> , 2018, 141, 9-15.	1.9	17
27	Evolution without standing genetic variation: change in transgenerational plastic response under persistent predation pressure. <i>Heredity</i> , 2018, 121, 266-281.	2.6	34
28	Dopamine and Serotonin Are Both Required for Mate-Copying in <i>Drosophila melanogaster</i> . <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 334.	2.0	24
29	New Toulouse-Led Scientific Study Reveals <i>Drosophila melanogaster</i> Can Transmit Sexual Preferences Culturally Over The Long Term. , 2018, , .		0
30	Reproductive effort and oxidative stress: effects of offspring sex and number on the physiological state of a long-lived bird. <i>Functional Ecology</i> , 2017, 31, 1201-1209.	3.6	18
31	Genetic Assimilation and the Paradox of Blind Variation. , 2017, , .		2
32	Kestrels rely on two different types of social information from conspecifics when choosing breeding habitats. <i>Ecosistemas</i> , 2017, 26, 39-47.	0.4	0
33	Maternal effects as drivers of sibling competition in a parent-offspring conflict context? An experimental test. <i>Ecology and Evolution</i> , 2016, 6, 3699-3710.	1.9	11
34	Adaptation to Global Change: A Transposable Element Epigenetics Perspective. <i>Trends in Ecology and Evolution</i> , 2016, 31, 514-526.	8.7	163
35	<i>Drosophila</i> mate copying correlates with atmospheric pressure in a speed learning situation. <i>Animal Behaviour</i> , 2016, 121, 163-174.	1.9	42
36	Mate-choice copying in <i>Drosophila melanogaster</i> : Impact of demonstration conditions and male-male competition. <i>Behavioural Processes</i> , 2016, 125, 76-84.	1.1	16

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37	Physiology and evolution at the crossroads of plasticity and inheritance. <i>Journal of Physiology</i> , 2015, 593, 2243-2243.	2.9	6
38	Carotenoids increase immunity and sex specifically affect color and redox homeostasis in a monochromatic seabird. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 1097-1111.	1.4	14
39	Identifying the selective pressures underlying offspring sex-ratio adjustments: a case study in a wild seabird. <i>Behavioral Ecology</i> , 2015, 26, 916-925.	2.2	17
40	Is natural hatching asynchrony optimal? An experimental investigation of sibling competition patterns in a facultatively siblicidal seabird. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 309-319.	1.4	27
41	Inheritance is where physiology meets evolution. <i>Journal of Physiology</i> , 2014, 592, 2307-2317.	2.9	42
42	Physiological and fitness correlates of experimentally altered hatching asynchrony magnitude in chicks of a wild seabird. <i>General and Comparative Endocrinology</i> , 2014, 198, 32-38.	1.8	7
43	Preen secretions encode information on MHC similarity in certain sex-dyads in a monogamous seabird. <i>Scientific Reports</i> , 2014, 4, 6920.	3.3	57
44	Avoiding pitfalls in estimating heritability with the common options approach. <i>Scientific Reports</i> , 2014, 4, 3974.	3.3	8
45	Age-related differences in the cloacal microbiota of a wild bird species. <i>BMC Ecology</i> , 2013, 13, 11.	3.0	116
46	Symmetry of black wingtips is related to clutch size and integument coloration in Black-legged Kittiwakes ( <i>Rissa tridactyla</i> ). <i>Auk</i> , 2013, 130, 541-547.	1.4	2
47	Is Non-genetic Inheritance Just a Proximate Mechanism? A Corroboration of the Extended Evolutionary Synthesis. <i>Biological Theory</i> , 2013, 7, 189-195.	1.5	63
48	Avatars of information: towards an inclusive evolutionary synthesis. <i>Trends in Ecology and Evolution</i> , 2013, 28, 351-358.	8.7	82
49	The Double Pedigree: A Method for Studying Culturally and Genetically Inherited Behavior in Tandem. <i>PLoS ONE</i> , 2013, 8, e61254.	2.5	19
50	When not to copy: female fruit flies use sophisticated public information to avoid mated males. <i>Scientific Reports</i> , 2012, 2, 768.	3.3	42
51	Incestuous Sisters: Mate Preference for Brothers over Unrelated Males in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2012, 7, e51293.	2.5	25
52	Semiochemical compounds of preen secretion reflect genetic make-up in a seabird species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1185-1193.	2.6	55
53	Food availability and offspring sex in a monogamous seabird: insights from an experimental approach. <i>Behavioral Ecology</i> , 2012, 23, 751-758.	2.2	39
54	Informative content of melanin-based plumage colour in adult Eurasian kestrels. <i>Journal of Avian Biology</i> , 2011, 42, 49-60.	1.2	28

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55	Beyond DNA: integrating inclusive inheritance into an extended theory of evolution. <i>Nature Reviews Genetics</i> , 2011, 12, 475-486.	16.3	613
56	An individual and a sex odor signature in kittiwakes? Study of the semiochemical composition of preen secretion and preen down feathers. <i>Die Naturwissenschaften</i> , 2011, 98, 615-624.	1.6	46
57	Integument coloration signals reproductive success, heterozygosity, and antioxidant levels in chick-rearing black-legged kittiwakes. <i>Die Naturwissenschaften</i> , 2011, 98, 773-782.	1.6	22
58	Conspecifics as informers and competitors: an experimental study in foraging bumble-bees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2806-2813.	2.6	42
59	Behavioral and physiological responses to male handicap in chick-rearing black-legged kittiwakes. <i>Behavioral Ecology</i> , 2011, 22, 1156-1165.	2.2	31
60	Sustained increase in food supplies reduces broodmate aggression in black-legged kittiwakes. <i>Animal Behaviour</i> , 2010, 79, 1095-1100.	1.9	26
61	A taxonomy of biological information. <i>Oikos</i> , 2010, 119, 203-209.	2.7	105
62	Inclusive heritability: combining genetic and non-genetic information to study animal behavior and culture. <i>Oikos</i> , 2010, 119, 210-218.	2.7	91
63	Sexually transmitted bacteria affect female cloacal assemblages in a wild bird. <i>Ecology Letters</i> , 2010, 13, 1515-1524.	6.4	81
64	The role of public information in ecology and conservation: an emphasis on inadvertent social information. <i>Annals of the New York Academy of Sciences</i> , 2010, 1195, 149-168.	3.8	35
65	Family size and sex-specific parental effort in black-legged kittiwakes. <i>Behaviour</i> , 2010, 147, 1841-1862.	0.8	14
66	Do invertebrates have culture?. <i>Communicative and Integrative Biology</i> , 2010, 3, 303-305.	1.4	15
67	Evidence that pairing with genetically similar mates is maladaptive in a monogamous bird. <i>BMC Evolutionary Biology</i> , 2009, 9, 147.	3.2	35
68	Public Versus Personal Information for Mate Copying in an Invertebrate. <i>Current Biology</i> , 2009, 19, 730-734.	3.9	201
69	Can Kittiwakes smell? Experimental evidence in a Larid species. <i>Ibis</i> , 2009, 151, 584-587.	1.9	11
70	Do great tits rely on inadvertent social information from blue tits? A habitat selection experiment. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1569-1579.	1.4	22
71	Informative content of multiple plumage-coloured traits in female and male European Rollers. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1969-1979.	1.4	25
72	Condition-dependent genetic benefits of extrapair fertilization in female blue tits <i>Cyanistes caeruleus</i> . <i>Journal of Evolutionary Biology</i> , 2008, 21, 1814-1822.	1.7	18

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73	Experimental evidence of vocal recognition in young and adult black-legged kittiwakes. <i>Animal Behaviour</i> , 2008, 76, 1855-1861.	1.9	15
74	Inadvertent social information in foraging bumblebees: effects of flower distribution and implications for pollination. <i>Animal Behaviour</i> , 2008, 76, 1863-1873.	1.9	38
75	The role of parent-offspring interactions during and after fledging in the Black-legged Kittiwake. <i>Behavioural Processes</i> , 2008, 79, 1-6.	1.1	12
76	Multiple deleterious effects of experimentally aged sperm in a monogamous bird. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13947-13952.	7.1	48
77	BLUE TITS USE FLEDGLING QUANTITY AND QUALITY AS PUBLIC INFORMATION IN BREEDING SITE CHOICE. <i>Ecology</i> , 2007, 88, 2373-2382.	3.2	69
78	Does predation select for or against avian coloniality? A comparative analysis. <i>Journal of Evolutionary Biology</i> , 2007, 20, 1490-1503.	1.7	51
79	Accumulated gain in a Prisoner's Dilemma: which game is carried out by the players?. <i>Animal Behaviour</i> , 2007, 74, e1-e6.	1.9	4
80	Settlement decisions in blue tits: difference in the use of social information according to age and individual success. <i>Die Naturwissenschaften</i> , 2007, 94, 749-757.	1.6	28
81	Testing habitat copying in breeding habitat selection in a species adapted to variable environments. <i>Ibis</i> , 2006, 148, 146-154.	1.9	40
82	Brood size manipulation affects frequency of second clutches in the blue tit. <i>Behavioral Ecology and Sociobiology</i> , 2006, 60, 184-194.	1.4	59
83	Sex ratio and male sexual characters in a population of blue tits, <i>Parus caeruleus</i> . <i>Behavioral Ecology</i> , 2006, 17, 13-19.	2.2	54
84	The heterospecific habitat copying hypothesis: can competitors indicate habitat quality?. <i>Behavioral Ecology</i> , 2005, 16, 96-105.	2.2	121
85	L'imitation dans le monde animal. <i>Terrain</i> , 2005, , 91-108.	0.0	1
86	Female choice of young sperm in a genetically monogamous bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, S134-7.	2.6	50
87	Is Male Unpredictability a Paternity Assurance Strategy?. <i>Behaviour</i> , 2004, 141, 675-690.	0.8	0
88	Availability and use of public information and conspecific density for settlement decisions in the collared flycatcher. <i>Journal of Animal Ecology</i> , 2004, 73, 75-87.	2.8	147
89	Prospecting in the collared flycatcher: gathering public information for future breeding habitat selection?. <i>Animal Behaviour</i> , 2004, 67, 457-466.	1.9	106
90	Assortative Mating and Sexual Size Dimorphism in Black-legged Kittiwakes. <i>Waterbirds</i> , 2004, 27, 350-354.	0.3	43

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91	LOW FREQUENCY OF EXTRA-PAIR PATERNITY AND HIGH FREQUENCY OF ADOPTION IN BLACK-LEGGED KITTIWAKES. <i>Condor</i> , 2004, 106, 149.	1.6	48
92	Public Information: From Nosy Neighbors to Cultural Evolution. <i>Science</i> , 2004, 305, 487-491.	12.6	1,378
93	Stress intensity and developmental stability: An experiment in <i>Drosophila melanogaster</i> . <i>Ecoscience</i> , 2004, 11, 271-277.	1.4	2
94	When to use public information for breeding habitat selection? The role of environmental predictability and density dependence. <i>Animal Behaviour</i> , 2003, 66, 973-988.	1.9	262
95	Sexual conflict over sperm ejection in monogamous pairs of kittiwakes <i>Rissa tridactyla</i> . <i>Behavioral Ecology and Sociobiology</i> , 2003, 54, 370-376.	1.4	27
96	Functions of courtship feeding in black-legged kittiwakes: natural and sexual selection. <i>Animal Behaviour</i> , 2003, 65, 1027-1033.	1.9	49
97	Individual Covariation in Life-History Traits: Seeing the Trees Despite the Forest. <i>American Naturalist</i> , 2002, 159, 96-105.	2.1	341
98	Public Information and Breeding Habitat Selection in a Wild Bird Population. <i>Science</i> , 2002, 297, 1168-1170.	12.6	448
99	Can non-breeding be a cost of breeding dispersal?. <i>Behavioral Ecology and Sociobiology</i> , 2002, 51, 153-163.	1.4	84
100	Polymorphic microsatellites in the black-legged kittiwake <i>Rissa tridactyla</i> . <i>Molecular Ecology Notes</i> , 2002, 2, 431-433.	1.7	32
101	Non-independence of individuals in a population of <i>Drosophila melanogaster</i> : effects on spatial distribution and dispersal. <i>Comptes Rendus De L'Académie Des Sciences Série 3, Sciences De La Vie</i> , 2001, 324, 219-227.	0.8	17
102	Breeding habitat selection in cliff swallows: the effect of conspecific reproductive success on colony choice. <i>Journal of Animal Ecology</i> , 2000, 69, 133-142.	2.8	126
103	Colonies as byproducts of commodity selection. <i>Behavioral Ecology</i> , 2000, 11, 572-573.	2.2	55
104	Benefits of Membership. <i>Science</i> , 2000, 287, 803e-803.	12.6	10
105	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
106	The use of conspecific reproductive success for breeding habitat selection in a non-colonial, hole-nesting species, the collared flycatcher. <i>Journal of Animal Ecology</i> , 1999, 68, 1193-1206.	2.8	160
107	Informed Dispersal. , 1999, , 189-259.		214
108	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

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109	CONSPECIFIC REPRODUCTIVE SUCCESS AND BREEDING HABITAT SELECTION: IMPLICATIONS FOR THE STUDY OF COLONIALITY. <i>Ecology</i> , 1998, 79, 2415-2428.	3.2	430
110	The Evolution of Coloniality in Birds in Relation to Food, Habitat, Predation, and Life-History Traits: A Comparative Analysis. <i>American Naturalist</i> , 1998, 151, 514-529.	2.1	161
111	ARE ADULT NONBREEDERS PRUDENT PARENTS? THE KITTIWAKE MODEL. <i>Ecology</i> , 1998, 79, 2917-2930.	3.2	167
112	An Experimental Study of the Costs of Reproduction in the Kittiwake <i>Rissa Tridactyla</i> : Comment. <i>Ecology</i> , 1997, 78, 1284.	3.2	1
113	AN EXPERIMENTAL STUDY OF THE COSTS OF REPRODUCTION IN THE KITTIWAKE RISSA TRIDACTYLA: COMMENT. <i>Ecology</i> , 1997, 78, 1284-1287.	3.2	27
114	Balanced Dispersal Between Spatially Varying Local Populations: An Alternative To The Source-Sink Model. <i>American Naturalist</i> , 1997, 150, 425-445.	2.1	158
115	The evolution of coloniality: the emergence of new perspectives. <i>Trends in Ecology and Evolution</i> , 1997, 12, 342-347.	8.7	372
116	The use of conspecific reproductive success for breeding patch selection in terrestrial migratory species. <i>Evolutionary Ecology</i> , 1997, 11, 505-517.	1.2	255
117	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
118	Timing of Prospecting and the Value of Information in a Colonial Breeding Bird. <i>Journal of Avian Biology</i> , 1996, 27, 252.	1.2	172
119	Measuring aggregation of parasites at different host population levels. <i>Parasitology</i> , 1996, 112, 581-587.	1.5	50
120	Breeding biology during establishment of a reintroduced Griffon Vulture ( <i>Gyps fulvus</i> ) population. <i>Ibis</i> , 1996, 138, 315-325.	1.9	70
121	Population trends in Kittiwake <i>Rissa tridactyla</i> colonies in relation to tick infestation. <i>Ibis</i> , 1996, 138, 326-334.	1.9	66
122	Prospecting in the kittiwake, <i>Rissa tridactyla</i> : different behavioural patterns and the role of squatting in recruitment. <i>Animal Behaviour</i> , 1994, 47, 847-856.	1.9	108
123	High Survival Estimates of Griffon Vultures ( <i>Gyps Fulvus Fulvus</i> ) in a Reintroduced Population. <i>Auk</i> , 1994, 111, 853-862.	1.4	82
124	Social interactions in kittiwake colonies: social facilitation and/or favourable social environment. <i>Animal Behaviour</i> , 1988, 36, 443-451.	1.9	14
125	Les Comportements Lies a L'Occupation Du Site De Reproduction Chez La Mouette Tridactyle ( <i>Rissa</i> )	1.08	14
126	The behaviour associated with the occupation of breeding site in the kittiwake gull <i>Rissa tridactyla</i> : the social status of landing birds. <i>Animal Behaviour</i> , 1987, 35, 81-93.	1.9	31

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127	Voice variance may signify ongoing divergence among black-legged kittiwake populations. <i>Biological Journal of the Linnean Society</i> , 0, 97, 289-297.	1.6	13
128	Developmental plasticity varied with sex and position in hatching hierarchy in nestlings of the asynchronous European roller, <i>Coracias garrulus</i> . <i>Biological Journal of the Linnean Society</i> , 0, 99, 500-511.	1.6	2