

# Dominique Pontier

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

2,694  
citations

185998

28  
h-index

205818

48  
g-index

83  
all docs

83  
docs citations

83  
times ranked

3395  
citing authors

| #  | ARTICLE                                                                                                                                                                                                        | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Generation Time: A Reliable Metric to Measure Life-History Variation among Mammalian Populations. <i>American Naturalist</i> , 2005, 166, 119-123.                                                             | 1.0 | 199       |
| 2  | gemi: software for testing the effects of genotyping errors and multitubes approach for individual identification. <i>Molecular Ecology Notes</i> , 2002, 2, 83-86.                                            | 1.7 | 125       |
| 3  | Metabarcoding for the parallel identification of several hundred predators and their prey: Application to bat species diet analysis. <i>Molecular Ecology Resources</i> , 2018, 18, 474-489.                   | 2.2 | 118       |
| 4  | Modelling hantavirus in fluctuating populations of bank voles: the role of indirect transmission on virus persistence. <i>Journal of Animal Ecology</i> , 2003, 72, 1-13.                                      | 1.3 | 115       |
| 5  | Testing for phylogenetic signal in phenotypic traits: New matrices of phylogenetic proximities. <i>Theoretical Population Biology</i> , 2008, 73, 79-91.                                                       | 0.5 | 111       |
| 6  | Bold attitude makes male urban feral domestic cats more vulnerable to Feline Immunodeficiency Virus. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 151-157.                                        | 2.9 | 104       |
| 7  | A fast likelihood solution to the genetic clustering problem. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1006-1016.                                                                                    | 2.2 | 99        |
| 8  | Mate fidelity in monogamous birds: a re-examination of the Procellariiformes. <i>Animal Behaviour</i> , 2003, 65, 235-246.                                                                                     | 0.8 | 94        |
| 9  | Parasite-Parasite Interactions in the Wild: How To Detect Them?. <i>Trends in Parasitology</i> , 2015, 31, 640-652.                                                                                            | 1.5 | 88        |
| 10 | High variation in multiple paternity of domestic cats ( <i>Felis catus</i> L.) in relation to environmental conditions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2071-2074. | 1.2 | 87        |
| 11 | Comparative analysis of phylogenetic and fishing effects in life history patterns of teleost fishes. <i>Oikos</i> , 2000, 91, 255-270.                                                                         | 1.2 | 85        |
| 12 | Student athletes claim to have more sexual partners than other students. <i>Evolution and Human Behavior</i> , 2004, 25, 1-8.                                                                                  | 1.4 | 80        |
| 13 | Putting phylogeny into the analysis of biological traits: A methodological approach. <i>Journal of Theoretical Biology</i> , 2010, 264, 693-701.                                                               | 0.8 | 60        |
| 14 | Dynamics of a feline virus with two transmission modes within exponentially growing host populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2049-2056.                   | 1.2 | 58        |
| 15 | Feeding-order in an urban feral domestic cat colony: relationship to dominance rank, sex and age. <i>Animal Behaviour</i> , 2007, 74, 1369-1379.                                                               | 0.8 | 54        |
| 16 | Evidence of Selection on the Orange Allele in the Domestic Cat <i>Felis catus</i> : The Role of Social Structure. <i>Oikos</i> , 1995, 73, 299.                                                                | 1.2 | 50        |
| 17 | The diet of feral cats ( <i>Felis catus</i> L.) at five sites on the Grande Terre, Kerguelen archipelago. <i>Polar Biology</i> , 2002, 25, 833-837.                                                            | 0.5 | 50        |
| 18 | Population dynamics of feline immunodeficiency virus within cat populations. <i>Journal of Theoretical Biology</i> , 1995, 175, 553-560.                                                                       | 0.8 | 49        |

| #  | ARTICLE                                                                                                                                                                                                                                       | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Retroviruses and sexual size dimorphism in domestic cats ( <i>Felis catus</i> L.). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 167-173.                                                                       | 1.2 | 46        |
| 20 | Male and female agonistic and affiliative relationships in a social group of farm cats ( <i>Felis catus</i> L.). <i>Behavioural Processes</i> , 2001, 53, 137-143.                                                                            | 0.5 | 41        |
| 21 | Preserving genetic integrity in a hybridising world: are European Wildcats ( <i>Felis silvestris silvestris</i> ) in eastern France distinct from sympatric feral domestic cats?. <i>Biodiversity and Conservation</i> , 2009, 18, 2351-2360. | 1.2 | 41        |
| 22 | Dynamics of a feline retrovirus (FeLV) in host populations with variable spatial structure. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1097-1104.                                                            | 1.2 | 39        |
| 23 | Ecological networks to unravel the routes to horizontal transposon transfers. <i>PLoS Biology</i> , 2017, 15, e2001536.                                                                                                                       | 2.6 | 39        |
| 24 | Spacing pattern in a social group of stray cats: effects on male reproductive success. <i>Animal Behaviour</i> , 2004, 68, 175-180.                                                                                                           | 0.8 | 36        |
| 25 | Dispersal pattern of domestic cats ( <i>Felis catus</i> ) in a promiscuous urban population: do females disperse or die?. <i>Journal of Animal Ecology</i> , 2003, 72, 203-211.                                                               | 1.3 | 35        |
| 26 | Relationships Between Cat Lovers and Feral Cats in Rome. <i>Anthrozoos</i> , 1999, 12, 16-23.                                                                                                                                                 | 0.7 | 34        |
| 27 | Transmission of Feline Immunodeficiency Virus in a population of cats ( <i>Felis catus</i> ). <i>Wildlife Research</i> , 2000, 27, 603.                                                                                                       | 0.7 | 33        |
| 28 | The host specificity of ape malaria parasites can be broken in confined environments. <i>International Journal for Parasitology</i> , 2016, 46, 737-744.                                                                                      | 1.3 | 30        |
| 29 | Fast game theory coupled to slow population dynamics: the case of domestic cat populations. <i>Mathematical Biosciences</i> , 1998, 148, 65-82.                                                                                               | 0.9 | 29        |
| 30 | The mating system of feral cats ( <i>Felis catus</i> L.) in a sub-Antarctic environment. <i>Polar Biology</i> , 2002, 25, 838-842.                                                                                                            | 0.5 | 29        |
| 31 | Modeling transmission of directly transmitted infectious diseases using colored stochastic Petri nets. <i>Mathematical Biosciences</i> , 2003, 185, 1-13.                                                                                     | 0.9 | 29        |
| 32 | In silico and empirical evaluation of twelve metabarcoding primer sets for insectivorous diet analyses. <i>Ecology and Evolution</i> , 2020, 10, 6310-6332.                                                                                   | 0.8 | 28        |
| 33 | Male reproductive success in the domestic cat ( <i>Felis catus</i> L.): A case history. <i>Behavioural Processes</i> , 1996, 37, 85-88.                                                                                                       | 0.5 | 27        |
| 34 | Spatio-temporal variation in cat population density in a sub-Antarctic environment. <i>Polar Biology</i> , 2002, 25, 90-95.                                                                                                                   | 0.5 | 27        |
| 35 | Complete Genome and Phylogeny of Puumala Hantavirus Isolates Circulating in France. <i>Viruses</i> , 2015, 7, 5476-5488.                                                                                                                      | 1.5 | 27        |
| 36 | A Multi-Patch Epidemic Model with Periodic Demography, Direct and Indirect Transmission and Variable Maturation Rate. <i>Mathematical Population Studies</i> , 2006, 13, 153-177.                                                             | 0.8 | 25        |

| #  | ARTICLE                                                                                                                                                                                                                        | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | How reliable are morphological and anatomical characters to distinguish European wildcats, domestic cats and their hybrids in France?. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2014, 52, 154-162. | 0.6 | 25        |
| 38 | Infanticide in rural male cats ( <i>Felis catus</i> L.) as a reproductive mating tactic. <i>Aggressive Behavior</i> , 1999, 25, 445-449.                                                                                       | 1.5 | 23        |
| 39 | Female in the inside, male in the outside: insights into the spatial organization of a European wildcat population. <i>Conservation Genetics</i> , 2016, 17, 1405-1415.                                                        | 0.8 | 23        |
| 40 | Natal dispersal of European hare in a high-density population. <i>Mammalian Biology</i> , 2011, 76, 148-156.                                                                                                                   | 0.8 | 21        |
| 41 | HDV-Like Viruses. <i>Viruses</i> , 2021, 13, 1207.                                                                                                                                                                             | 1.5 | 21        |
| 42 | eDNA metabarcoding reveals a core and secondary diets of the greater horseshoe bat with strong spatio-temporal plasticity. <i>Environmental DNA</i> , 2021, 3, 277-296.                                                        | 3.1 | 19        |
| 43 | Survival and cause-specific mortality of European wildcat ( <i>Felis silvestris</i> ) across Europe. <i>Biological Conservation</i> , 2021, 261, 109239.                                                                       | 1.9 | 18        |
| 44 | Mate choice in the domestic cat ( <i>Felis silvestris catus</i> L.). <i>Aggressive Behavior</i> , 2000, 26, 455-465.                                                                                                           | 1.5 | 17        |
| 45 | The impact of behavioral plasticity at individual level on domestic cat population dynamics. <i>Ecological Modelling</i> , 2000, 133, 117-124.                                                                                 | 1.2 | 17        |
| 46 | Infection strategies of retroviruses and social grouping of domestic cats. <i>Canadian Journal of Zoology</i> , 1997, 75, 1994-2002.                                                                                           | 0.4 | 16        |
| 47 | Molecular and behavioural analyses reveal male-biased dispersal between social groups of domestic cats. <i>Ecoscience</i> , 2004, 11, 175-180.                                                                                 | 0.6 | 15        |
| 48 | Autoregressive Models for Estimating Phylogenetic and Environmental Effects: Accounting for Within-species Variations. <i>Journal of Theoretical Biology</i> , 2000, 202, 247-256.                                             | 0.8 | 14        |
| 49 | Genetic structure of the feral cat ( <i>Felis catus</i> L.) introduced 50½ years ago to a sub-Antarctic island. <i>Polar Biology</i> , 2005, 28, 268-275.                                                                      | 0.5 | 14        |
| 50 | A multi-event model to study stage-dependent dispersal in radio-collared hares: when hunting promotes costly transience. <i>Ecology</i> , 2012, 93, 1305-1316.                                                                 | 1.5 | 14        |
| 51 | Hybridization between <i>Felis silvestris silvestris</i> and <i>Felis silvestris catus</i> in two contrasted environments in France. <i>Ecology and Evolution</i> , 2020, 10, 263-276.                                         | 0.8 | 14        |
| 52 | Invading introduced species in insular heterogeneous environments. <i>Ecological Modelling</i> , 2005, 188, 62-75.                                                                                                             | 1.2 | 13        |
| 53 | Evolution of microparasites in spatially and genetically structured host populations: The example of RHDV infecting rabbits. <i>Journal of Theoretical Biology</i> , 2009, 257, 212-227.                                       | 0.8 | 12        |
| 54 | When domestic cat ( <i>Felis silvestris catus</i> ) population structures interact with their viruses. <i>Comptes Rendus - Biologies</i> , 2009, 332, 321-328.                                                                 | 0.1 | 12        |

| #  | ARTICLE                                                                                                                                                                                        | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Integrating population genetics to define conservation units from the core to the edge of <i>Rhinolophus ferrumequinum</i> western range. <i>Ecology and Evolution</i> , 2019, 9, 12272-12290. | 0.8 | 12        |
| 56 | Accounting for Sampling Error When Inferring Population Synchrony from Time-Series Data: A Bayesian State-Space Modelling Approach with Applications. <i>PLoS ONE</i> , 2014, 9, e87084.       | 1.1 | 12        |
| 57 | Movements and space use of feral cats in Kerguelen archipelago: a pilot study with GPS data. <i>Polar Biology</i> , 2013, 36, 1531-1536.                                                       | 0.5 | 11        |
| 58 | How Predator Food Preference can Change the Destiny of Native Prey in Predator-Prey Systems. <i>Biological Invasions</i> , 2005, 7, 795-806.                                                   | 1.2 | 10        |
| 59 | An R package for analysing survival using continuous-time open capture-recapture models. <i>Methods in Ecology and Evolution</i> , 2016, 7, 518-528.                                           | 2.2 | 10        |
| 60 | Coexistence of two sympatric cryptic bat species in French Guiana: insights from genetic, acoustic and ecological data. <i>BMC Evolutionary Biology</i> , 2018, 18, 175.                       | 3.2 | 10        |
| 61 | Pathogens Shape Sex Differences in Mammalian Aging. <i>Trends in Parasitology</i> , 2020, 36, 668-676.                                                                                         | 1.5 | 10        |
| 62 | Stochastic extinction and the selection of the transmission mode in microparasites. <i>Journal of the Royal Society Interface</i> , 2008, 5, 1031-1039.                                        | 1.5 | 9         |
| 63 | DETECTION, IDENTIFICATION, AND CORRECTION OF A BIAS IN AN EPIDEMIOLOGICAL STUDY. <i>Journal of Wildlife Diseases</i> , 2000, 36, 71-78.                                                        | 0.3 | 8         |
| 64 | Limited nest site availability helps seabirds to survive cat predation on islands. <i>Ecological Modelling</i> , 2008, 214, 316-324.                                                           | 1.2 | 8         |
| 65 | Venezuelan Equine Encephalitis Complex Alphavirus in Bats, French Guiana. <i>Emerging Infectious Diseases</i> , 2021, 27, .                                                                    | 2.0 | 8         |
| 66 | Coping with change in predation risk across space and time through complementary behavioral responses. <i>BMC Ecology</i> , 2018, 18, 60.                                                      | 3.0 | 7         |
| 67 | Genetic inference of the mating system of free-ranging domestic dogs. <i>Behavioral Ecology</i> , 2021, 32, 646-656.                                                                           | 1.0 | 7         |
| 68 | Microspatial genetic heterogeneity and gene flow in stray cats ( <i>Felis catus</i> L.): a comparison of coat colour and microsatellite loci. <i>Molecular Ecology</i> , 2003, 12, 1669-1674.  | 2.0 | 5         |
| 69 | Emergence of infectious diseases: when hidden pathogens break out. <i>Comptes Rendus - Biologies</i> , 2009, 332, 539-547.                                                                     | 0.1 | 5         |
| 70 | Modes of transmission of Simian T-lymphotropic Virus Type 1 in semi-captive mandrills ( <i>Mandrillus</i> )                                                                                    | 0.8 | 5         |
| 71 | Coexistence between Humans and "Misunderstood" Domestic Cats in the Anthropocene: Exploring Behavioural Plasticity as a Gatekeeper of Evolution. <i>Animals</i> , 2022, 12, 1717.              | 1.0 | 5         |
| 72 | Revealing cryptic genetic structuring in an urban population of stray cats ( <i>Felis silvestris catus</i> ). <i>Mammalian Biology</i> , 2009, 74, 59-71.                                      | 0.8 | 4         |

| #  | ARTICLE                                                                                                                                                                    | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Using Dynamic Stochastic Modelling to Estimate Population Risk Factors in Infectious Disease: The Example of FIV in 15 Cat Populations. PLoS ONE, 2009, 4, e7377.          | 1.1 | 4         |
| 74 | Can cat predation help competitors coexist in seabird communities?. Journal of Theoretical Biology, 2010, 262, 90-96.                                                      | 0.8 | 3         |
| 75 | Behavioral plasticity and virus propagation: the FIV-cat population example. Theoretical Population Biology, 2003, 64, 11-24.                                              | 0.5 | 2         |
| 76 | Absence of paramyxovirus RNA in non-human primate sanctuaries and a primatology center in Gabon. Journal of Epidemiological Research, 2019, 5, 6.                          | 0.6 | 2         |
| 77 | Surgical Treatment of Oesophagostomum spp. Nodular Infection in a Chimpanzee at the CIRMF Primatology Center, Gabon. Case Reports in Veterinary Medicine, 2021, 2021, 1-5. | 0.2 | 2         |
| 78 | Puumala Virus Variants Circulating in Forests of Ardennes, France: Ten Years of Genetic Evolution. Pathogens, 2021, 10, 1164.                                              | 1.2 | 1         |