Claude Miaud

List of Publications by Year
in descending order

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66 papers	6,281 citations	136950 32 h-index	102487 66 g-index
67 all docs	67 docs citations	67 times ranked	6736 citing authors

#	Article	IF	Citations
1	A comparison of visual observation and DNA metabarcoding to assess the diet of juvenile sea turtle. Marine and Freshwater Research, 2022, 73, 552-560.	1.3	5
2	Diverse aging rates in ectothermic tetrapods provide insights for the evolution of aging and longevity. Science, 2022, 376, 1459-1466.	12.6	34
3	Landscape epidemiology of Batrachochytrium salamandrivorans: reconciling data limitations and conservation urgency. Ecological Applications, 2021, 31, e02342.	3.8	8
4	Acoustic enrichment in wildlife passages under railways improves their use by amphibians. Global Ecology and Conservation, 2020, 24, e01252.	2.1	5
5	Using Boops boops (osteichthyes) to assess microplastic ingestion in the Mediterranean Sea. Marine Pollution Bulletin, 2020, 158, 111397.	5.0	46
6	Automatic detection of small PIT-tagged animals using wildlife crossings. Animal Biotelemetry, 2019, 7, .	1.9	11
7	Slow life-history strategies are associated with negligible actuarial senescence in western Palaearctic salamanders. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191498.	2.6	12
8	eDNA Increases the Detectability of Ranavirus Infection in an Alpine Amphibian Population. Viruses, 2019, 11, 526.	3.3	32
9	Mitigating Batrachochytrium salamandrivorans in Europe. Amphibia - Reptilia, 2019, 40, 265-290.	0.5	26
10	From Effects of Linear Transport Infrastructures on Amphibians to Mitigation Measures. , 2018, , .		4
11	Recent Asian origin of chytrid fungi causing global amphibian declines. Science, 2018, 360, 621-627.	12.6	389
12	Intensive vehicle traffic impacts morphology and endocrine stress response in a threatened amphibian. Oryx, 2017, 51, 182-188.	1.0	9
13	Risk assessment reveals high exposure of sea turtles to marine debris in French Mediterranean and metropolitan Atlantic waters. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 141, 319-328.	1.4	45
14	Nextâ€generation monitoring of aquatic biodiversity using environmental <scp>DNA</scp> metabarcoding. Molecular Ecology, 2016, 25, 929-942.	3.9	873
15	Does habitat unpredictability promote the evolution of a colonizer syndrome in amphibian metapopulations?. Ecology, 2016, 97, 2658-2670.	3.2	37
16	Detection of a global aquatic invasive amphibian, Xenopus laevis, using environmental DNA. Amphibia - Reptilia, 2016, 37, 131-136.	0.5	23
17	Invasive North American bullfrogs transmit lethal fungus Batrachochytrium dendrobatidis infections to native amphibian host species. Biological Invasions, 2016, 18, 2299-2308.	2.4	35
18	Trails of river monsters: Detecting critically endangered Mekong giant catfish Pangasianodon gigas using environmental DNA. Global Ecology and Conservation, 2016, 7, 148-156.	2.1	50

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19	Demographic responses to weather fluctuations are context dependent in a longâ€lived amphibian. Global Change Biology, 2016, 22, 2676-2687.	9.5	51
20	RANAVIRUS CAUSES MASS DIE-OFFS OF ALPINE AMPHIBIANS IN THE SOUTHWESTERN ALPS, FRANCE. Journal of Wildlife Diseases, 2016, 52, 242-252.	0.8	29
21	Contrasting patterns of environmental fluctuation contribute to divergent life histories among amphibian populations. Ecology, 2016, 97, 980-91.	3.2	25
22	Slow life history and rapid extreme flood: demographic mechanisms and their consequences on population viability in a threatened amphibian. Freshwater Biology, 2015, 60, 2349-2361.	2.4	17
23	Highlighting the effects of landâ€use change on a threatened amphibian in a humanâ€dominated landscape. Population Ecology, 2015, 57, 433-443.	1.2	33
24	Age and Body Size in Populations of Two Syntopic Spadefoot Toads (GenusPelobates) at the Limit of Their Ranges. Journal of Herpetology, 2014, 48, 537-545.	0.5	13
25	To breed or not to breed: past reproductive status and environmental cues drive current breeding decisions in a long-lived amphibian. Oecologia, 2014, 176, 107-116.	2.0	75
26	When Males Are Larger than Females in Ecthotherms: Reproductive Investment in the Eastern Spadefoot Toad Pelobates syriacus. Copeia, 2013, 2013, 699-706.	1.3	8
27	Improved detection of an alien invasive species through environmental DNA barcoding: the example of the American bullfrog Lithobates catesbeianus. Journal of Applied Ecology, 2012, 49, 953-959.	4.0	447
28	Integrative approach for landscape-based graph connectivity analysis: a case study with the common frog (Rana temporaria) in human-dominated landscapes. Landscape Ecology, 2012, 27, 267-279.	4.2	77
29	Intra-specific variation in nitrate tolerance in tadpoles of the Natterjack toad. Ecotoxicology, 2011, 20, 1176-1183.	2.4	14
30	Combining demography and genetic analysis to assess the population structure of an amphibian in a human-dominated landscape. Conservation Genetics, 2011, 12, 161-173.	1.5	42
31	Using amphibians in laboratory studies: precautions against the emerging infectious disease chytridiomycosis. Laboratory Animals, 2011, 45, 25-30.	1.0	8
32	Persistence of Environmental DNA in Freshwater Ecosystems. PLoS ONE, 2011, 6, e23398.	2.5	507
33	Knowing the past to predict the future: landâ€use change and the distribution of invasive bullfrogs. Global Change Biology, 2010, 16, 528-537.	9.5	112
34	Variation in genotoxic stress tolerance among frog populations exposed to UV and pollutant gradients. Aquatic Toxicology, 2009, 95, 152-161.	4.0	36
35	Developmental responses to UVâ€B radiation in common frogRana temporariaembryos from along an altitudinal gradient. Population Ecology, 2008, 50, 123-130.	1.2	17
36	Variation in UV sensitivity among common frog Rana temporaria populations along an altitudinal gradient. Zoology, 2008, 111, 309-317.	1.2	21

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37	Population genetics reveals origin and number of founders in a biological invasion. Molecular Ecology, 2008, 17, 773-782.	3.9	131
38	Species detection using environmental DNA from water samples. Biology Letters, 2008, 4, 423-425.	2.3	1,216
39	A Skeletochronological Study of the Age Structure, Growth, and Longevity of the Mountain Yellow-legged Frog, Rana muscosa, in the Sierra Nevada, California. Copeia, 2007, 2007, 986-993.	1.3	40
40	Population Adaptive Index: a New Method to Help Measure Intraspecific Genetic Diversity and Prioritize Populations for Conservation. Conservation Biology, 2007, 21, 697-708.	4.7	186
41	Prediction and validation of the potential global distribution of a problematic alien invasive species â€" the American bullfrog. Diversity and Distributions, 2007, 13, 476-485.	4.1	321
42	Pattern of distribution of the American bullfrog Rana catesbeiana in Europe. Biological Invasions, 2007, 9, 767-772.	2.4	58
43	Gregarious behaviour in a salamander: attraction to conspecific chemical cues in burrow choice. Behavioral Ecology and Sociobiology, 2006, 59, 836-841.	1.4	38
44	Toxicity of PAHs and jelly protection of eggs in the Common frog Rana temporaria. Amphibia - Reptilia, 2006, 27, 472-475.	0.5	28
45	The movements and breeding site fidelity of the natterjack toad (Bufo calamita) in an urban park near Paris (France) with management recommendations. Amphibia - Reptilia, 2006, 27, 561-568.	0.5	33
46	VARIATION IN AGE, BODY SIZE AND GROWTH AMONG SURFACE AND CAVE-DWELLING POPULATIONS OF THE PYRENEAN NEWT, EUPROCTUS ASPER (AMPHIBIA; URODELA). Herpetologica, 2005, 61, 241-249.	0.4	31
47	Terrestrial habitat preferences of the natterjack toad during and after the breeding season in a landscape of intensive agricultural activity. Amphibia - Reptilia, 2005, 26, 359-366.	0.5	34
48	Age, size and growth of the southern crested newt Triturus karelinii (Strauch 1870) in a population from Bozdag (Western Turkey). Amphibia - Reptilia, 2005, 26, 223-230.	0.5	44
49	Variation in life history traits in Bombina bombina from the lower Danube floodplain. Amphibia - Reptilia, 2004, 25, 115-119.	0.5	4
50	Responses to conspecific scent marks and the ontogeny of territorial marking in immature terrestrial salamanders. Behavioral Ecology and Sociobiology, 2004, 55, 447-453.	1.4	10
51	Genetic variation in an endemic salamander, Salamandra atra, using amplified fragment length polymorphism. Molecular Phylogenetics and Evolution, 2004, 31, 910-914.	2.7	18
52	Transience, dispersal and survival rates in newt patchy populations. Journal of Animal Ecology, 2003, 72, 567-575.	2.8	72
53	Population age structure and growth in four syntopic amphibian species inhabiting a large river floodplain. Canadian Journal of Zoology, 2003, 81, 1096-1106.	1.0	44
54	How to cope with periods of drought? Age at maturity, longevity, and growth of marbled newts (Triturus marmoratus) in Mediterranean temporary ponds. Canadian Journal of Zoology, 2003, 81, 1905-1911.	1.0	17

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55	Faecal pellets used as an economic territorial marker in two terrestrial alpine salamanders. Ecoscience, 2003, 10, 134-139.	1.4	12
56	Growth cycle of the marbled newt (Triturus marmoratus) in the Mediterranean region assessed by skeletochronology. Amphibia - Reptilia, 2002, 23, 407-418.	0.5	26
57	Lack of Genetic Diversity in Salamandra lanzai Revealed by CytochromebGene Sequences. Copeia, 2002, 2002, 229-232.	1.3	12
58	Habitat Matrix Effects on Pond Occupancy in Newts. Conservation Biology, 2001, 15, 239-248.	4.7	205
59	Age, growth, and survivorship in the viviparous salamander Mertensiella luschani from southwestern Turkey. Canadian Journal of Zoology, 2001, 79, 1559-1567.	1.0	44
60	Terrestrial movements of the natterjack toad Bufo calamita (Amphibia, Anura) in a semi-arid, agricultural landscape. Amphibia - Reptilia, 2000, 21, 357-369.	0.5	66
61	Variations in life-history traits in the common frog Rana temporaria (Amphibia: Anura): a literature review and new data from the French Alps. Journal of Zoology, 1999, 249, 61-73.	1.7	212
62	Oviposition site selection in three species of European Newts (Salamandridae) genus Triturus. Amphibia - Reptilia, 1995, 16, 265-272.	0.5	26
63	Role of Wrapping Behavior on Egg Survival in Three Species of Triturus (Amphibia: Urodela). Copeia, 1994, 1994, 535.	1.3	22
64	Predation on newt eggs (Triturus alpestris and T. helveticus): identification of predators and protective role of oviposition behaviour. Journal of Zoology, 1993, 231, 575-581.	1.7	47
65	Variation in age structures in a subdivided population of Triturus cristatus. Canadian Journal of Zoology, 1993, 71, 1874-1879.	1.0	52
66	Fidelity to the breeding site in the alpine newt Triturus Alpestris. Behavioural Processes, 1989, 19, 47-56.	1.1	53