Richard A Griffiths

List of Publications by Year
in descending order

93	4,398	109321 35	118850 62
papers	citations	h-index	g-index

94	94	94	5050
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The amphibian decline crisis: A watershed for conservation biology?. Biological Conservation, 2005, 125, 271-285.	4.1	574
2	Using eDNA to develop a national citizen science-based monitoring programme for the great crested newt (Triturus cristatus). Biological Conservation, 2015, 183, 19-28.	4.1	373
3	Confronting Amphibian Declines and Extinctions. Science, 2006, 313, 48-48.	12.6	234
4	Captive Breeding, Reintroduction, and the Conservation of Amphibians. Conservation Biology, 2008, 22, 852-861.	4.7	200
5	Prospects and challenges of environmental DNA (eDNA) monitoring in freshwater ponds. Hydrobiologia, 2019, 826, 25-41.	2.0	151
6	Seasonal variation in environmental DNA in relation to population size and environmental factors. Scientific Reports, 2017, 7, 46294.	3.3	122
7	Mitigationâ€driven translocations: are we moving wildlife in the right direction?. Frontiers in Ecology and the Environment, 2015, 13, 100-105.	4.0	116
8	Engineering a future for amphibians under climate change. Journal of Applied Ecology, 2011, 48, 487-492.	4.0	112
9	The ecological outcomes of biodiversity offsets under â€œno net lossâ€•policies: A global review. Conservation Letters, 2019, 12, e12664.	5.7	108
10	Developments in amphibian captive breeding and reintroduction programs. Conservation Biology, 2016, 30, 340-349.	4.7	101
11	Dynamics of a declining amphibian metapopulation: Survival, dispersal and the impact of climate. Biological Conservation, 2010, 143, 485-491.	4.1	95
12	Temporary ponds as amphibian habitats. Aquatic Conservation: Marine and Freshwater Ecosystems, 1997, 7, 119-126.	2.0	94
13	Dynamics of the global trade in live reptiles: Shifting trends in production and consequences for sustainability. Biological Conservation, 2015, 184, 42-50.	4.1	89
14	Species identification by experts and non-experts: comparing images from field guides. Scientific Reports, 2016, 6, 33634.	3.3	83
15	Assessing the extent and nature of wildlife trade on the dark web. Conservation Biology, 2016, 30, 900-904.	4.7	77
16	Seasonal variation in environmental DNA detection in sediment and water samples. PLoS ONE, 2018, 13, e0191737.	2.5	77
17	Captive breeding and the fitness of reintroduced species: a test of the responses to predators in a threatened amphibian. Journal of Applied Ecology, 2006, 43, 360-365.	4.0	71
18	Developmental responses to pond desiccation in tadpoles of the British anuran amphibians (Bufo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	67

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19	Low gene flow but high genetic diversity in the threatened Mallorcan midwife toad Alytes muletensis. Molecular Ecology, 2005, 14, 3307-3315.	3.9	66
20	Is the detection of aquatic environmental DNA influenced by substrate type?. PLoS ONE, 2017, 12, e0183371.	2.5	63
21	Behavioural responses of Mallorcan midwife toad tadpoles to natural and unnatural snake predators. Animal Behaviour, 1998, 55, 207-214.	1.9	62
22	Optimising biodiversity assessments by volunteers: The application of occupancy modelling to large-scale amphibian surveys. Biological Conservation, 2010, 143, 2102-2110.	4.1	59
23	When Is a Species Declining? Optimizing Survey Effort to Detect Population Changes in Reptiles. PLoS ONE, 2012, 7, e43387.	2.5	56
24	Trends in conservation biology: Progress or procrastination in a new millennium?. Biological Conservation, 2012, 153, 153-158.	4.1	55
25	Future of keeping pet reptiles and amphibians: towards integrating animal welfare, human health and environmental sustainability. Veterinary Record, 2017, 181, 450-450.	0.3	53
26	In-situ itraconazole treatment improves survival rate during an amphibian chytridiomycosis epidemic. Biological Conservation, 2016, 195, 37-45.	4.1	48
27	Extinction Risks and the Conservation of Madagascar's Reptiles. PLoS ONE, 2014, 9, e100173.	2.5	47
28	Impact of asynchronous emergence of two lethal pathogens on amphibian assemblages. Scientific Reports, 2017, 7, 43260.	3.3	46
29	Induced defences in an endangered amphibian in response to an introduced snake predator. Oecologia, 2004, 141, 139-147.	2.0	44
30	A review of the international trade in amphibians: the types, levels and dynamics of trade in CITES-listed species. Oryx, 2014, 48, 565-574.	1.0	42
31	The power of monitoring: optimizing survey designs to detect occupancy changes in a rare amphibian population. Scientific Reports, 2017, 7, 16491.	3.3	42
32	The effect of social interactions on tadpole activity and growth in the British anuran amphibians (Bufo bufo, B. calamita, and Rana temporaria). Journal of Zoology, 1998, 245, 431-437.	1.7	41
33	Assessing the global zoo response to the amphibian crisis through 20â€year trends in captive collections. Conservation Biology, 2016, 30, 82-91.	4.7	40
34	Evaluation of translocation as a tool for mitigating development threats to great crested newts (Triturus cristatus) in England, 1990â€“2001. Biological Conservation, 2005, 122, 45-52.	4.1	39
35	Captive Reptile Mortality Rates in the Home and Implications for the Wildlife Trade. PLoS ONE, 2015, 10, e0141460.	2.5	39
36	Modelling Environmental DNA Data; Bayesian Variable Selection Accounting for False Positive and False Negative Errors. Journal of the Royal Statistical Society Series C: Applied Statistics, 2020, 69, 377-392.	1.0	39

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37	Diverse aging rates in ectothermic tetrapods provide insights for the evolution of aging and longevity. Science, 2022, 376, 1459-1466.	12.6	34
38	Dynamics and genetics of a disease-driven species decline to near extinction: lessons for conservation. Scientific Reports, 2016, 6, 30772.	3.3	33
39	Viability analysis of a threatened amphibian population: modelling the past, present and future. Ecography, 2011, 34, 162-169.	4.5	31
40	Optimising monitoring efforts for secretive snakes: a comparison of occupancy and N-mixture models for assessment of population status. Scientific Reports, 2017, 7, 18074.	3.3	29
41	Translocation of slow-worms (Anguis fragilis) as a mitigation strategy: a case study from south-east England. Biological Conservation, 1999, 90, 125-132.	4.1	28
42	Microhabitat selection and feeding relations of smooth and warty newts, Triturus vulgaris and T. cristatus, at an upland pond in mid-Wales. Ecography, 1987, 10, 1-7.	4.5	27
43	Optimising sampling and analysis protocols in environmental DNA studies. Scientific Reports, 2021, 11, 11637.	3.3	27
44	Species identification by conservation practitioners using online images: accuracy and agreement between experts. PeerJ, 2018, 6, e4157.	2.0	27
45	Introduced Alien or Persecuted Native? Resolving the Origin of the Viperine Snake (Natrix Maura) on Mallorca. Biodiversity and Conservation, 2006, 15, 3045-3054.	2.6	26
46	Death feigning by grass snakes (Natrix natrix) in response to handling by human "predators.". Journal of Comparative Psychology (Washington, D C: 1983), 2007, 121, 123-129.	0.5	25
47	Forest disturbance and river proximity influence chameleon abundance in Madagascar. Biological Conservation, 2003, 109, 407-415.	4.1	24
48	Science, statistics and surveys: a herpetological perspective. Journal of Applied Ecology, 2015, 52, 1413-1417.	4.0	23
49	Distribution of the Mallorcan midwife toad (Alytes muletensis) in relation to landscape topography and introduced predators. Biological Conservation, 2004, 116, 327-332.	4.1	21
50	Flying an amphibian flagship: conservation of the Axolotl Ambystoma mexicanum through nature tourism at Lake Xochimilco, Mexico. International Zoo Yearbook, 2008, 42, 116-124.	0.9	21
51	Drivers of amphibian population dynamics and asynchrony at local and regional scales. Journal of Animal Ecology, 2020, 89, 1350-1364.	2.8	21
52	Observations on the Development of the Secondary Sexual Characters of Male Newts, Triturus vulgaris and T. helveticus. Journal of Herpetology, 1988, 22, 476.	0.5	20
53	Predation and competition within an assemblage of larval newts (Triturus). Ecography, 1994, 17, 176-181.	4.5	20
54	The biorhythm of human skeletal growth. Journal of Anatomy, 2018, 232, 26-38.	1.5	20

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55	A natural hybrid newt, Triturus helveticusÃ—T. vulgaris, from a pond in midâ€Wales. Journal of Zoology, 1987, 213, 133-140.	1.7	19
56	The effect of pH on embryonic and larval development in smooth and palmate newts,Triturus vulgarisandT. helveticus. Journal of Zoology, 1993, 230, 401-409.	1.7	18
57	Can a Single Amphibian Species Be a Good Biodiversity Indicator?. Diversity, 2009, 1, 102-117.	1.7	18
58	Detection of Batrachochytrium dendrobatidis in Amphibians Imported into the UK for the Pet Trade. EcoHealth, 2016, 13, 456-466.	2.0	17
59	Wildlife supply chains in Madagascar from local collection to global export. Biological Conservation, 2018, 226, 144-152.	4.1	16
60	Removal Models Accounting for Temporary Emigration. Biometrics, 2019, 75, 24-35.	1.4	14
61	Reservoir frogs: seasonality of Batrachochytrium dendrobatidis infection in robber frogs in Dominica and Montserrat. PeerJ, 2019, 7, e7021.	2.0	14
62	Factors affecting the distribution and abundance of an unpigmented heterotrophic alga Prototheca richardsi. Freshwater Biology, 1994, 32, 33-38.	2.4	13
63	The effect of pH on feeding behaviour in newt larvae (Triturus: Amphibia). Journal of Zoology, 1993, 231, 285-290.	1.7	12
64	Open models for removal data. Annals of Applied Statistics, 2016, 10, .	1.1	12
65	An RShiny app for modelling environmental DNA data: accounting for false positive and false negative observation error. Ecography, 2021, 44, 1838-1844.	4.5	12
66	Endemic, endangered and evolutionarily significant: cryptic lineages in Seychellesâ€™ frogs (Anura:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	11
67	Conservation decisions under pressure: Lessons from an exercise in rapid response to wildlife disease. Conservation Science and Practice, 2020, 2, e141.	2.0	11
68	Evidence shortfalls in the recommendations and guidance underpinning ecological mitigation for infrastructure developments. Ecological Solutions and Evidence, 2021, 2, e12089.	2.0	11
69	Midwife Toads (Alytes muletensis) Avoid Chemical Cues from Snakes (Natrix maura). Journal of Herpetology, 1998, 32, 572.	0.5	10
70	Evidence for evolutionary distinctiveness of a newly discovered population of sooglossid frogs on Praslin Island, Seychelles. Conservation Genetics, 2012, 13, 557-566.	1.5	9
71	Differentiating captive and wild African lion (Panthera leo) populations in South Africa, using stable carbon and nitrogen isotope analysis. Biodiversity and Conservation, 2020, 29, 2255-2273.	2.6	9
72	Effects of pH and aluminium on the growth and feeding behaviour of smooth and palmate newt larvae. Ecotoxicology, 1995, 4, 299-306.	2.4	8

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73	Microsatellite markers for the Mallorcan midwife toad Alytes muletensis. Molecular Ecology Notes, 2003, 3, 152-154.	1.7	7
74	Practitioner and scientist perceptions of successful amphibian conservation. Conservation Biology, 2018, 32, 366-375.	4.7	7
75	Estimation of Population Size When Capture Probability Depends on Individual States. Journal of Agricultural, Biological, and Environmental Statistics, 2019, 24, 154-172.	1.4	7
76	Using GPS-enabled decoy turtle eggs to track illegal trade. Current Biology, 2020, 30, R1066-R1068.	3.9	7
77	Activity patterns and microhabitat selection of Mallorcan midwife toad (Alytes muletensis) tadpoles in natural torrent pools. Amphibia - Reptilia, 1998, 19, 143-151.	0.5	6
78	Predictors of Abundance of a Rare Bromeliad-Dwelling Frog (Crossodactylodes itambe) in the EspinhaÃ§o Mountain Range of Brazil. Journal of Herpetology, 2018, 52, 321-326.	0.5	6
79	Sexâ€biased disease dynamics increase extinction risk by impairing population recovery. Animal Conservation, 2019, 22, 579-588.	2.9	6
80	Natural Environmental Cues and Orcadian Rhythms of Behaviourâ€”A Perspective. Chronobiology International, 1986, 3, 247-253.	2.0	5
81	Reliability of environmental DNA surveys to detect pond occupancy by newts at a national scale. Scientific Reports, 2022, 12, 1295.	3.3	5
82	Temporary ponds as amphibian habitats. Aquatic Conservation: Marine and Freshwater Ecosystems, 1997, 7, 119-126.	2.0	4
83	Which amphibians should qualify for the ark?. Animal Conservation, 2017, 20, 120-121.	2.9	3
84	Estimating population parameters for the Critically Endangered Bermuda skink using robust design captureâ€“markâ€“recapture modelling. Oryx, 2021, 55, 81-88.	1.0	3
85	Survival of climate warming through niche shifts: Evidence from frogs on tropical islands. Global Change Biology, 2022, 28, 1268-1286.	9.5	3
86	Influence of riparian habitats on the distribution of rainforest chameleons in Parc National de Ranomafana, Madagascar. African Journal of Herpetology, 2015, 64, 148-159.	0.9	2
87	Trade of legal and illegal marine wildlife products in markets: integrating shopping list and survival analysis approaches. Animal Conservation, 2021, 24, 700-708.	2.9	2
88	Daily activity profile of the golden mantella in the â€œFroggotronâ€â€”A replicated behavioral monitoring system for amphibians. Zoo Biology, 2021, , .	1.2	2
89	Sampling Rare or Elusive Species. Concepts, Designs and Techniques for Estimating Population ParametersEDITED BY WILLIAM L. THOMPSON xv + 429 pp., 22.5 Ã— 15 Ã— 2 cm, ISBN 1 55963 451 0 paperback, US$35.00, Washington, DC, USA: Island Press 2004. Environmental Conservation, 2005, 32, 374-374.	1.3	1
90	A comparison of understanding of the amphibian crisis by zoo visitors across three countries. Zoo Biology, 2019, 38, 471-480.	1.2	1

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91	Developmental responses to pond desiccation in tadpoles of the British anuran amphibians (Bufo) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	1
92	Dynamic occupancy modelling to determine the status of a Critically Endangered lizard. Oryx, 2023, 57, 23-29.	1.0	1
93	Zoos and amphibian conservation: Evaluating the impact of â€œThe Year of The Frogâ€•Campaign. Zoo Biology, 2021, , .	1.2	0