Alison M Dunn

List of Publications by Year in descending order

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76322 76898 6,470 131 40 74 citations h-index g-index papers 136 136 136 6199 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Roles of parasites in animal invasions. Trends in Ecology and Evolution, 2004, 19, 385-390.	8.7	437
2	How parasites affect interactions between competitors and predators. Ecology Letters, 2006, 9, 1253-1271.	6.4	341
3	Wildlife diseases: from individuals to ecosystems. Journal of Animal Ecology, 2011, 80, 19-38.	2.8	339
4	Advancing impact prediction and hypothesis testing in invasion ecology using a comparative functional response approach. Biological Invasions, 2014, 16, 735-753.	2.4	214
5	Do invasive species perform better in their new ranges?. Ecology, 2013, 94, 985-994.	3.2	210
6	Diverse effects of parasites in ecosystems: linking interdependent processes. Frontiers in Ecology and the Environment, 2012, 10, 186-194.	4.0	209
7	Microsporidia: diverse, dynamic, and emergent pathogens in aquatic systems. Trends in Parasitology, 2013, 29, 567-578.	3.3	185
8	Parasites and biological invasions: parallels, interactions, and control. Trends in Parasitology, 2015, 31, 189-199.	3.3	175
9	Indirect effects of parasites in invasions. Functional Ecology, 2012, 26, 1262-1274.	3.6	172
10	Invader Relative Impact Potential: a new metric to understand and predict the ecological impacts of existing, emerging and future invasive alien species. Journal of Applied Ecology, 2017, 54, 1259-1267.	4.0	165
11	Microsporidian life cycles and diversity: the relationship between virulence and transmission. Microbes and Infection, 2001, 3, 381-388.	1.9	157
12	Widespread vertical transmission and associated host sex–ratio distortion within the eukaryotic phylum Microspora. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1783-1789.	2.6	157
13	Chapter 7 Parasites and Biological Invasions. Advances in Parasitology, 2009, 68, 161-184.	3.2	157
14	Inherited microorganisms, sex-specific virulence and reproductive parasitism. Trends in Parasitology, 2001, 17, 88-94.	3.3	150
15	The Role of Tourism and Recreation in the Spread of Non-Native Species: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0140833.	2.5	110
16	Disease emergence and invasions. Functional Ecology, 2012, 26, 1275-1287.	3.6	104
17	Transovarial transmission in the microsporidia. Advances in Parasitology, 2001, 48, 57-100.	3.2	99
18	Alien Pathogens on the Horizon: Opportunities for Predicting their Threat to Wildlife. Conservation Letters, 2017, 10, 477-484.	5.7	96

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19	Parasite-mediated predation between native and invasive amphipods. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1309-1314.	2.6	95
20	Predatory Functional Response and Prey Choice Identify Predation Differences between Native/Invasive and Parasitised/Unparasitised Crayfish. PLoS ONE, 2012, 7, e32229.	2.5	94
21	Population Dynamics under Parasitic Sex Ratio Distortion. Theoretical Population Biology, 1999, 56, 11-28.	1.1	83
22	Impact of a Novel, Feminising Microsporidium on its Crustacean Host. Journal of Eukaryotic Microbiology, 1998, 45, 497-501.	1.7	80
23	Dragonflies and damselflies (Odonata) in urban ecosystems: A review. European Journal of Entomology, 0, 113, 217-232.	1.2	79
24	Predicting invasive species impacts: a community module functional response approach reveals context dependencies. Journal of Animal Ecology, 2015, 84, 453-463.	2.8	76
25	Ultrastructural Characterisation and Molecular Taxonomic Identification of Nosema granulosis n. sp., a Transovarially Transmitted Feminising (TTF) Microsporidium. Journal of Eukaryotic Microbiology, 1999, 46, 492-499.	1.7	74
26	Parasitism may enhance rather than reduce the predatory impact of an invader. Biology Letters, 2010, 6, 636-638.	2.3	72
27	Biosecurity and Vector Behaviour: Evaluating the Potential Threat Posed by Anglers and Canoeists as Pathways for the Spread of Invasive Non-Native Species and Pathogens. PLoS ONE, 2014, 9, e92788.	2.5	69
28	Transovarial Transmission and Sex Ratio Distortion by a Microsporidian Parasite in a Shrimp. Journal of Invertebrate Pathology, 1993, 61, 248-252.	3.2	62
29	Competition and parasitism in the native White Clawed Crayfish Austropotamobius pallipes and the invasive Signal Crayfish Pacifastacus leniusculus in the UK. Biological Invasions, 2009, 11, 315-324.	2.4	62
30	Factors affecting the reliability of the McMaster technique. Journal of Helminthology, 1986, 60, 260-262.	1.0	61
31	Mechanisms of parasite-induced sex reversal in Gammarus duebeni. International Journal for Parasitology, 2004, 34, 747-753.	3.1	59
32	Parasites that change predator or prey behaviour can have keystone effects on community composition. Biology Letters, 2014, 10, 20130879.	2.3	59
33	Predicting the ecological impacts of a new freshwater invader: functional responses and prey selectivity of the †killer shrimp', <i><scp>D</scp>ikerogammarus villosus</i> , compared to the native <i><scp>G</scp>ammarus pulex</i> . Freshwater Biology, 2014, 59, 337-352.	2.4	55
34	Effects of the acanthocephalan parasite Echinorhynchus truttae on the feeding ecology of Gammarus pulex (Crustacea: Amphipoda). Journal of Zoology, 2003, 261, 321-325.	1.7	54
35	Invasion success of Fibrillanosema crangonycis, n.sp., n.g.: a novel vertically transmitted microsporidian parasite from the invasive amphipod host Crangonyx pseudogracilis. International Journal for Parasitology, 2004, 34, 235-244.	3.1	54
36	Parasite altered micro-distribution of Gammarus pulex (Crustacea: Amphipoda). International Journal for Parasitology, 2003, 33, 57-64.	3.1	52

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37	The replacement of a native freshwater amphipod by an invader: roles for environmental degradation and intraguild predation. Canadian Journal of Fisheries and Aquatic Sciences, 2004, 61, 1627-1635.	1.4	49
38	The less amorous Gammarus: predation risk affects mating decisions in Gammarus duebeni (Amphipoda). Animal Behaviour, 2008, 76, 1289-1295.	1.9	49
39	Parasitism and epibiosis in native and non-native gammarids in freshwater in Ireland. Ecography, 1998, 21, 593-598.	4.5	45
40	Reduction in post-invasion genetic diversity in Crangonyx pseudogracilis (Amphipoda: Crustacea): a genetic bottleneck or the work of hitchhiking vertically transmitted microparasites?. Biological Invasions, 2010, 12, 191-209.	2.4	43
41	Lethal and sublethal toxicity of ammonia to native, invasive, and parasitised freshwater amphipods. Water Research, 2004, 38, 2847-2850.	11.3	42
42	Parasite transmission and cannibalism in an amphipod (Crustacea). International Journal for Parasitology, 2003, 33, 795-798.	3.1	41
43	Olfactory cue use by three-spined sticklebacks foraging in turbid water: prey detection or prey location?. Animal Behaviour, 2012, 84, 151-158.	1.9	41
44	An acanthocephalan parasite mediates intraguild predation between invasive and native freshwater amphipods (Crustacea). Freshwater Biology, 2003, 48, 2085-2093.	2.4	40
45	Resolution of a Taxonomic Conundrum: an Ultrastructural and Molecular Description of the Life Cycle of Pleistophora mulleri (Pfeiffer 1895; Georgevitch 1929). Journal of Eukaryotic Microbiology, 2003, 50, 266-273.	1.7	40
46	Predator cue studies reveal strong trait-mediated effects in communities despite variation in experimental designs. Animal Behaviour, 2013, 86, 1301-1313.	1.9	40
47	Use of sentinel snails for the detection of Schistosoma haematobium transmission on Zanzibar and observations on transmission patterns. Acta Tropica, 2013, 128, 234-240.	2.0	39
48	Strategic sperm allocation under parasitic sex-ratio distortion. Biology Letters, 2006, 2, 78-80.	2.3	35
49	Cucumispora ornata n. sp. (Fungi: Microsporidia) infecting invasive â€~demon shrimp' (Dikerogammarus) Tj	ЕТQq1 1 ().784314 rg8
50	Parasites, pathogens and commensals in the "low-impact―non-native amphipod host Gammarus roeselii. Parasites and Vectors, 2017, 10, 193.	2.5	35
51	Muddied waters: suspended sediment impacts on gill structure and aerobic scope in an endangered native and an invasive freshwater crayfish. Hydrobiologia, 2014, 722, 61-74.	2.0	34
52	Pathogens of Dikerogammarus haemobaphes regulate host activity and survival, but also threaten native amphipod populations in the UK. Diseases of Aquatic Organisms, 2019, 136, 63-78.	1.0	34
53	Size and pairing success inGammarus duebeni: can females be too big?. Animal Behaviour, 1997, 54, 1301-1308.	1.9	33
54	Intersexuality in the amphipod Gammarus duebeni results from incomplete feminisation by the vertically transmitted parasitic sex ratio distorter Nosema granulosis. Evolutionary Ecology, 2004, 18, 121-132.	1.2	33

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55	Feeding behaviour, predatory functional responses and trophic interactions of the invasive Chinese mitten crab ($\langle i \rangle$ Eriocheir sinensis $\langle i \rangle$) and signal crayfish ($\langle i \rangle$ Pacifastacus leniusculus $\langle i \rangle$). Freshwater Biology, 2016, 61, 426-443.	2.4	33
56	Green crab Carcinus maenas symbiont profiles along a North Atlantic invasion route. Diseases of Aquatic Organisms, 2018, 128, 147-168.	1.0	33
57	A keystone effect for parasites in intraguild predation?. Biology Letters, 2008, 4, 534-537.	2.3	32
58	Effects of feminizing microsporidia on the masculinizing function of the androgenic gland in Gammarus duebeni. Journal of Invertebrate Pathology, 2013, 112, 146-151.	3.2	32
59	Challenging the view that invasive non-native plants are not a significant threat to the floristic diversity of Great Britain. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2988-9.	7.1	32
60	Molecular data suggest that microsporidian parasites in freshwater snails are diverse. International Journal for Parasitology, 2005, 35, 1071-1078.	3.1	26
61	Invaders in hot water: a simple decontamination method to prevent the accidental spread of aquatic invasive non-native species. Biological Invasions, 2015, 17, 2287-2297.	2.4	26
62	Parahepatospora carcini n. gen., n. sp., a parasite of invasive Carcinus maenas with intermediate features of sporogony between the Enterocytozoon clade and other microsporidia. Journal of Invertebrate Pathology, 2017, 143, 124-134.	3.2	26
63	The role of calceoli in mate assessment and precopula guarding inGammarus. Animal Behaviour, 1998, 56, 1471-1475.	1.9	24
64	Differential drift and parasitism in invading and nativeGammarusspp. (Crustacea: Amphipoda). Ecography, 2003, 26, 467-473.	4.5	24
65	Viewing Emerging Human Infectious Epidemics through the Lens of Invasion Biology. BioScience, 2021, 71, 722-740.	4.9	24
66	Prey aggregation is an effective olfactory predator avoidance strategy. PeerJ, 2014, 2, e408.	2.0	24
67	A species invasion mediated through habitat structure, intraguild predation, and parasitism. Limnology and Oceanography, 2004, 49, 1848-1856.	3.1	23
68	â€~Candidatus Aquirickettsiella gammari' (Gammaproteobacteria: Legionellales: Coxiellaceae): A bacterial pathogen of the freshwater crustacean Gammarus fossarum (Malacostraca: Amphipoda). Journal of Invertebrate Pathology, 2018, 156, 41-53.	3.2	23
69	Two cues for sex determination in <i>Gammarus duebeni</i> : Adaptive variation in environmental sex determination?. Limnology and Oceanography, 2005, 50, 346-353.	3.1	22
70	Intersexuality in Gammarus Duebenii (Amphipoda), a Cost Incurred in Populations With Environmental Sex Determination?. Crustaceana, 1996, 69, 313-320.	0.3	21
71	Local adaptation and enhanced virulence of Nosema granulosis artificially introduced into novel populations of its crustacean host, Gammarus duebeni. International Journal for Parasitology, 2005, 35, 265-274.	3.1	21
72	Mate choice and mate guarding under the influence of a vertically transmitted, parasitic sex ratio distorter. Animal Behaviour, 2001, 61, 763-770.	1.9	19

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73	Morphological diversity and phenotypic plasticity in the threatened British whiteâ€clawed crayfish ⟨i⟩ (Austropotamobius pallipes)⟨li⟩. Aquatic Conservation: Marine and Freshwater Ecosystems, 2012, 22, 220-231.	2.0	19
74	Eaten alive: cannibalism is enhanced by parasites. Royal Society Open Science, 2015, 2, 140369.	2.4	19
75	Do low-head riverine structures hinder the spread of invasive crayfish? Case study of signal crayfish (Pacifastacus leniusculus) movements at a flow gauging weir. Management of Biological Invasions, 2013, 4, 273-282.	1.2	19
76	Intersexuality in the crustaceanGammarus duebeni. Invertebrate Reproduction and Development, 1994, 25, 139-142.	0.8	18
77	Transmission and burden and the impact of temperature on two species of vertically transmitted microsporidia. International Journal for Parasitology, 2006, 36, 409-414.	3.1	17
78	The effectiveness of disinfectant and steam exposure treatments to prevent the spread of the highly invasive killer shrimp, Dikerogammarus villosus. Scientific Reports, 2020, 10, 1919.	3.3	17
79	Specific Detection and Localization of Microsporidian Parasites in Invertebrate Hosts by Using <i>In Situ</i> Iv Hybridization. Applied and Environmental Microbiology, 2013, 79, 385-388.	3.1	16
80	Enemy release and genetic founder effects in invasive killer shrimp populations of Great Britain. Biological Invasions, 2015, 17, 1439-1451.	2.4	16
81	Biocide Treatment of Invasive Signal Crayfish: Successes, Failures and Lessons Learned. Diversity, 2019, 11, 29.	1.7	16
82	Editorial: Invasions and infections. Functional Ecology, 2012, 26, 1234-1237.	3.6	15
83	Environmental noise reduces predation rate in an aquatic invertebrate. Journal of Insect Conservation, 2017, 21, 839-847.	1.4	15
84	Antagonistic effects of biological invasion and environmental warming on detritus processing in freshwater ecosystems. Oecologia, 2017, 183, 875-886.	2.0	13
85	The impact of predation risk and of parasitic infection on parental care in brooding crustaceans. Animal Behaviour, 2014, 96, 97-105.	1.9	12
86	Transformation of detritus by a European native and two invasive alien freshwater decapods. Biological Invasions, 2018, 20, 1799-1808.	2.4	12
87	Multiâ€faceted impacts of native and invasive alien decapod species on freshwater biodiversity and ecosystem functioning. Freshwater Biology, 2019, 64, 461-473.	2.4	12
88	Intersexes in a Shrimp: A Possible Disadvantage of Environmental Sex Determination. Evolution; International Journal of Organic Evolution, 1990, 44, 1875.	2.3	11
89	Resource Allocation to Young: Seasonal Patterns within and between Gammarus duebeni Populations. Oikos, 1995, 73, 199.	2.7	11
90	Differential physico-chemical tolerances and intraguild predation among native and invasive amphipods (Crustacea); a field study. Archiv FÃ $\frac{1}{4}$ r Hydrobiologie, 2003, 156, 165-179.	1.1	11

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91	Targeting of host cell lineages by vertically transmitted, feminising microsporidia. International Journal for Parasitology, 2006, 36, 749-756.	3.1	11
92	Invasion success of a widespread invasive predator may be explained by a high predatory efficacy but may be influenced by pathogen infection. Biological Invasions, 2019, 21, 3545-3560.	2.4	11
93	Insights into sperm–fertilisation relationships in the Arthropoda with ecological significance modelled in an amphipod. Invertebrate Reproduction and Development, 2012, 56, 50-56.	0.8	9
94	Temporal changes in the distribution of native and introduced freshwater amphipods in Lough Neagh, Northern Ireland. Archiv Für Hydrobiologie, 2003, 157, 379-395.	1.1	8
95	Exploring knowledge, perception of risk and biosecurity practices among researchers in the UK: a quantitative survey. Biological Invasions, 2019, 21, 303-314.	2.4	8
96	The effectiveness of e-Learning on biosecurity practice to slow the spread of invasive alien species. Biological Invasions, 2020, 22, 2559-2571.	2.4	8
97	Superior predatory ability and abundance predicts potential ecological impact towards early-stage anurans by invasive â€̃Killer Shrimp' (Dikerogammarus villosus). Scientific Reports, 2021, 11, 4570.	3.3	8
98	Parasites influence cannibalistic and predatory interactions within and between native and invasive amphipods. Diseases of Aquatic Organisms, 2019, 136, 79-86.	1.0	8
99	Should sex-ratio distorting parasites abandon horizontal transmission?. BMC Evolutionary Biology, 2011, 11, 370.	3.2	7
100	A method test of the use of electric shock treatment to control invasive signal crayfish in streams. Aquatic Conservation: Marine and Freshwater Ecosystems, 2015, 25, 874-880.	2.0	7
101	Habitat use by the endangered white-clawed crayfish <i>Austropotamobius</i> species complex: a systematic review. Knowledge and Management of Aquatic Ecosystems, 2017, , 4.	1.1	7
102	Periwinkles and parasites: the occurrence and phenotypic effects of parasites inLittorina saxatilisandL. arcanain northeastern England. Journal of Molluscan Studies, 2017, 83, 69-78.	1.2	7
103	A review of marking techniques for Crustacea and experimental appraisal of electric cauterisation and visible implant elastomer tagging forAustropotamobius pallipesandPacifastacus leniusculus. Freshwater Crayfish, 2011, 18, 55-67.	0.5	6
104	Stakeholder discourse and opinion towards a charismatic nonâ€native lizard species: Potential invasive problem or a welcome addition?. People and Nature, 2019, 1, 152-166.	3.7	6
105	Patterns of infection in a native and an invasive crayfish across the UK. Journal of Invertebrate Pathology, 2021, 184, 107595.	3.2	6
106	Effect of pH on growth and survival in the freshwater crayfish <i>Austropotamobius pallipes</i> Freshwater Crayfish, 2013, 19, 53-62.	0.5	6
107	Parasitic manipulation of host life history and sexual behaviour. Behavioural Processes, 2005, 68, 255-258.	1.1	5
108	Horizontal transmission of <i>Thelohania contejeani</i> in the endangered white-clawed (<i>Austropotamobius pallipes</i>) and the invasive signal crayfish (<i>Pacifastacus leniusculus</i>). Parasitology, 2012, 139, 1471-1477.	1.5	5

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109	Perceived risk of sperm competition affects sperm investment in a mate-guarding amphipod. Animal Behaviour, 2014, 87, 231-238.	1.9	5
110	Better off dead: assessment of aquatic disinfectants and thermal shock treatments to prevent the spread of invasive freshwater bivalves. Wetlands Ecology and Management, 2020, 28, 285-295.	1.5	5
111	Podocotyle atomon (Trematoda: Digenea) impacts reproductive behaviour, survival and physiology in Gammarus zaddachi (Amphipoda). Diseases of Aquatic Organisms, 2019, 136, 51-62.	1.0	5
112	Is Resource Partitioning among Offspring a Response to Brood Sex Ratio in an Amphipod with Environmental Sex Determination?. Oikos, 1994, 69, 203.	2.7	4
113	Infection and invasion: study cases from aquatic communities. , 2019, , 262-295.		4
114	Invasion progress of the signal crayfish (Pacifastacus leniusculus(Dana)) and displacement of the native white-clawed crayfish (Austropotamobius pallipes(Lereboullet)) in the River Wharfe, UK. Freshwater Crayfish, 2011, 18, 45-53.	0.5	4
115	Trait-Mediated Effects of Parasites on Invader-Native Interactions. Parasitology Research Monographs, 2015, , 29-47.	0.3	3
116	Fluctuating asymmetry, parasitism and reproductive fitness in two species of gammarid crustacean. Diseases of Aquatic Organisms, 2019, 136, 37-49.	1.0	3
117	Evidence for the Displacement of Gammarus Duebenii By Gammarus Pulex (Amphipoda) in a Freshwater Site in Brittany, France. Crustaceana, 1995, 68, 912-914.	0.3	2
118	Evidence for the Displacement of Gammarus Duebenii By Gammarus Pulex (Amphipoda) in a Freshwater Site in Brittany, France. Crustaceana, 1995, 68, 912-914.	0.3	2
119	Parasites and competitors. , 2011, , 20-89.		2
120	Invasive alien shredders clear up invasive alien leaf litter. Ecology and Evolution, 2018, 8, 10049-10056.	1.9	2
121	Response behaviour of native lizards and invading wall lizard to interspecific scent: implications for invasion success. Animal Behaviour, 2020, 166, 109-117.	1.9	2
122	Coherence of marine alien species biosecurity legislation: A study of England and Wales. Marine Pollution Bulletin, 2020, 161, 111796.	5.0	2
123	Climate and habitat configuration limit range expansion and patterns of dispersal in a nonâ€native lizard. Ecology and Evolution, 2021, 11, 3332-3346.	1.9	2
124	Disturbed flow in an aquatic environment may create a sensory refuge for aggregated prey. PeerJ, 2017, 5, e3121.	2.0	2
125	Parasites and invasions. , 0, , 224-264.		1
126	The fascination of investigating parasites. Journal of Biological Education, 2004, 39, 40-41.	1.5	0

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127	Parasites and predators. , 0, , 90-140.		O
128	Parasites and intraguild predation., 0,, 141-175.		0
129	Plant pathogens and parasitic plants., 0,, 176-223.		O
130	Emerging diseases in humans and wildlife. , 0, , 320-385.		0
131	Ecosystem parasitology. , 0, , 265-319.		O