

Gregory Brown

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

204
papers

7,003
citations

45
h-index

75
g-index

210
ext. papers

7,925
ext. citations

3.7
avg, IF

6.23
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 204 | Frequency-dependent Batesian mimicry maintains colour polymorphism in a sea snake population.. <i>Scientific Reports</i> , 2022 , 12, 4680 | 4.9 | 1 |
| 203 | Divergence in life-history traits among three adjoining populations of the sea snake <i>Emydocephalus annulatus</i> (Hydrophiinae, Elapidae).. <i>Scientific Reports</i> , 2022 , 12, 5137 | 4.9 | |
| 202 | In an arms race between host and parasite, a lungworm's ability to infect a toad is determined by host susceptibility not parasite preference.. <i>Biology Letters</i> , 2022 , 18, 20210552 | 3.6 | 1 |
| 201 | The uneasy coexistence between Carpet Pythons and Cane Toads. <i>Australian Zoologist</i> , 2021 , 41, 214-219. | 0.7 | |
| 200 | Increased rates of dispersal of free-ranging cane toads (<i>Rhinella marina</i>) during their global invasion. <i>Scientific Reports</i> , 2021 , 11, 23574 | 4.9 | 0 |
| 199 | Costs and Savings Associated With the Police Use of the interRAI Brief Mental Health Screener. <i>Frontiers in Psychiatry</i> , 2021 , 12, 726469 | 5 | 0 |
| 198 | Population dynamics of the sea snake <i>Emydocephalus annulatus</i> (Elapidae, Hydrophiinae). <i>Scientific Reports</i> , 2021 , 11, 20701 | 4.9 | 2 |
| 197 | First line of defence: Skin microbiota may protect anurans from infective larval lungworms. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2021 , 14, 185-189 | 2.6 | 2 |
| 196 | Intergenerational effects of manipulating DNA methylation in the early life of an iconic invader. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021 , 376, 20200125 | 5.8 | 4 |
| 195 | Host defense or parasite cue: Skin secretions mediate interactions between amphibians and their parasites. <i>Ecology Letters</i> , 2021 , 24, 1955-1965 | 10 | 1 |
| 194 | Untangling the influence of biotic and abiotic factors on habitat selection by a tropical rodent. <i>Scientific Reports</i> , 2021 , 11, 12895 | 4.9 | 1 |
| 193 | Variation in size and shape of toxin glands among cane toads from native-range and invasive populations. <i>Scientific Reports</i> , 2021 , 11, 936 | 4.9 | 1 |
| 192 | Rapid divergence of parasite infectivity and host resistance during a biological invasion. <i>Biological Journal of the Linnean Society</i> , 2021 , 132, 861-871 | 1.9 | 6 |
| 191 | Anthropogenically modified habitats favor bigger and bolder lizards. <i>Ecology and Evolution</i> , 2021 , 11, 1586-1597 | 2.8 | |
| 190 | Laid-back invaders: Cane toads (<i>Rhinella marina</i>) down-regulate their stress responses as they colonize a harsh climate. <i>Global Ecology and Conservation</i> , 2020 , 24, e01248 | 2.8 | 1 |
| 189 | Skin resistance to water gain and loss has changed in cane toads () during their Australian invasion. <i>Ecology and Evolution</i> , 2020 , 10, 13071-13079 | 2.8 | 8 |
| 188 | Predators learning to avoid toxic invasive prey: a study on individual variation among free-ranging lizards. <i>Behaviour</i> , 2020 , 157, 1153-1172 | 1.4 | 3 |

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| 187 | Pest control by the public: Impact of hand-collecting on the abundance and demography of cane toads (<i>Rhinella marina</i>) at their southern invasion front in Australia. <i>Global Ecology and Conservation</i> , 2020 , 23, e01120 | 2.8 | 3 |
| 186 | Niche partitioning within a population of sea snakes is constrained by ambient thermal homogeneity and small prey size. <i>Biological Journal of the Linnean Society</i> , 2020 , 129, 644-651 | 1.9 | 11 |
| 185 | A famous failure: Why were cane toads an ineffective biocontrol in Australia?. <i>Conservation Science and Practice</i> , 2020 , 2, e296 | 2.2 | 2 |
| 184 | Within-population variation in dietary traits: implications for vulnerability and impact of imperiled keystone predators. <i>Ecosphere</i> , 2020 , 11, e03136 | 3.1 | 7 |
| 183 | Apparent lack of spill-over of parasites from an invasive anuran: PCR detects in cane toads () but not in sympatric Australian native frogs. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020 , 12, 207-213 | 2.6 | 2 |
| 182 | The behaviour of sea snakes (<i>Emydocephalus annulatus</i>) shifts with the tides. <i>Scientific Reports</i> , 2020 , 10, 11346 | 4.9 | 2 |
| 181 | Life history traits of the sea snake <i>Emydocephalus annulatus</i> , based on a 17-yr study. <i>Coral Reefs</i> , 2020 , 39, 1407-1414 | 4.2 | 7 |
| 180 | Colonization history affects heating rates of invasive cane toads. <i>Scientific Reports</i> , 2020 , 10, 12553 | 4.9 | 2 |
| 179 | Thin-skinned invaders: geographic variation in the structure of the skin among populations of cane toads (<i>Rhinella marina</i>). <i>Biological Journal of the Linnean Society</i> , 2020 , 131, 611-621 | 1.9 | 3 |
| 178 | Disease Exposure and Antifungal Bacteria on Skin of Invasive Cane Toads, Australia. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1770-1771 | 10.2 | 8 |
| 177 | Spinal arthritis in invasive cane toads is linked to rate of dispersal as well as to latitude. <i>Scientific Reports</i> , 2019 , 9, 13965 | 4.9 | 0 |
| 176 | Pathology Associated With an Outbreak of Entamoebiasis in Wild Cane Toads () in Tropical Australia. <i>Veterinary Pathology</i> , 2019 , 56, 921-931 | 2.8 | 4 |
| 175 | The cost of chemical defence: the impact of toxin depletion on growth and behaviour of cane toads (<i>Rhinella marina</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20190867 | 4.4 | 19 |
| 174 | Dehydration enhances innate immunity in a semiaquatic snake from the wet-dry tropics. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2019 , 331, 245-252 | 1.9 | 2 |
| 173 | Immune and environment-driven gene expression during invasion: An eco-immunological application of RNA-Seq. <i>Ecology and Evolution</i> , 2019 , 9, 6708-6721 | 2.8 | 8 |
| 172 | Using a natural population collapse of an invasive species to assess the benefits of invader control for native species. <i>Biological Invasions</i> , 2019 , 21, 2781-2788 | 2.7 | 3 |
| 171 | The life aquatic: an association between habitat type and skin thickness in snakes. <i>Biological Journal of the Linnean Society</i> , 2019 , | 1.9 | 1 |
| 170 | Proximate mechanisms underlying the rapid modification of phenotypic traits in cane toads (<i>Rhinella marina</i>) across their invasive range within Australia. <i>Biological Journal of the Linnean Society</i> , 2019 , 126, 68-79 | 1.9 | 14 |

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|-----|---|------|----|
| 169 | Cane toads (<i>Rhinella marina</i>) rely on water access, not drought tolerance, to invade xeric Australian environments. <i>Oecologia</i> , 2019 , 189, 307-316 | 2.9 | 7 |
| 168 | Invasion history alters the behavioural consequences of immune system activation in cane toads. <i>Journal of Animal Ecology</i> , 2018 , 87, 716-726 | 4.7 | 8 |
| 167 | Immune configuration in hatchling snakes is affected by incubation moisture, and is linked to subsequent growth and survival in the field. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2018 , 329, 222-229 | 1.9 | 4 |
| 166 | The ecological and life history correlates of boldness in free-ranging lizards. <i>Ecosphere</i> , 2018 , 9, e02125 | 3.1 | 18 |
| 165 | Survival of the feces: Does a nematode lungworm adaptively manipulate the behavior of its cane toad host?. <i>Ecology and Evolution</i> , 2018 , 8, 4606-4618 | 2.8 | 3 |
| 164 | Sexual and geographical divergence in head widths of invasive cane toads, <i>Rhinella marina</i> (Anura: Bufonidae), is driven by both rapid evolution and plasticity. <i>Biological Journal of the Linnean Society</i> , 2018 , 124, 188-199 | 1.9 | 14 |
| 163 | Behavioural divergence during biological invasions: a study of cane toads (<i>Rhinella marina</i>) from contrasting environments in Hawai'i. <i>Royal Society Open Science</i> , 2018 , 5, 180197 | 3.3 | 9 |
| 162 | MHC diversity and female age underpin reproductive success in an Australian icon; the Tasmanian Devil. <i>Scientific Reports</i> , 2018 , 8, 4175 | 4.9 | 13 |
| 161 | The costs of parasite infection: Effects of removing lungworms on performance, growth and survival of free-ranging cane toads. <i>Functional Ecology</i> , 2018 , 32, 402-415 | 5.6 | 24 |
| 160 | Invasive Colonic Entamoebiasis in Wild Cane Toads, Australia. <i>Emerging Infectious Diseases</i> , 2018 , 24, 1541-1543 | 10.2 | 8 |
| 159 | Effects of rearing environment and population origin on responses to repeated behavioural trials in cane toads (<i>Rhinella marina</i>). <i>Behavioural Processes</i> , 2018 , 153, 40-46 | 1.6 | 1 |
| 158 | The thermal dependency of locomotor performance evolves rapidly within an invasive species. <i>Ecology and Evolution</i> , 2018 , 8, 4403-4408 | 2.8 | 19 |
| 157 | The things they carried: The pathogenic effects of old and new parasites following the intercontinental invasion of the Australian cane toad (<i>Rhinella marina</i>). <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2017 , 6, 375-385 | 2.6 | 15 |
| 156 | Biotic interactions mediate the influence of bird colonies on vegetation and soil chemistry at aggregation sites. <i>Ecology</i> , 2017 , 98, 382-392 | 4.6 | 4 |
| 155 | New Weapons in the Toad Toolkit: A Review of Methods to Control and Mitigate the Biodiversity Impacts of Invasive Cane Toads (<i>Rhinella Marina</i>). <i>Quarterly Review of Biology</i> , 2017 , 92, 123-49 | 5.4 | 54 |
| 154 | Effects of Toe-Clipping on Growth, Body Condition, and Locomotion of Cane Toads (<i>Rhinella marina</i>). <i>Copeia</i> , 2017 , 105, 257-260 | 1.1 | 8 |
| 153 | Resource availability and sexual size dimorphism: differential effects of prey abundance on the growth rates of tropical snakes. <i>Functional Ecology</i> , 2017 , 31, 1592-1599 | 5.6 | 9 |
| 152 | Using experimental de-worming to measure the immunological and pathological impacts of lungworm infection in cane toads. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2017 , 6, 310-319 | 2.6 | 0 |

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| 151 | Locomotor performance of cane toads differs between native-range and invasive populations. <i>Royal Society Open Science</i> , 2017 , 4, 170517 | 3.3 | 24 |
| 150 | Evolutionary shifts in anti-predator responses of invasive cane toads (<i>Rhinella marina</i>). <i>Behavioral Ecology and Sociobiology</i> , 2017 , 71, 1 | 2.5 | 15 |
| 149 | The causes and ecological correlates of head scale asymmetry and fragmentation in a tropical snake. <i>Scientific Reports</i> , 2017 , 7, 11363 | 4.9 | 3 |
| 148 | Is the behavioural divergence between range-core and range-edge populations of cane toads () due to evolutionary change or developmental plasticity?. <i>Royal Society Open Science</i> , 2017 , 4, 170789 | 3.3 | 36 |
| 147 | The loneliness of the long-distance toad: invasion history and social attraction in cane toads (). <i>Biology Letters</i> , 2017 , 13, | 3.6 | 13 |
| 146 | Geographic divergence in dispersal-related behaviour in cane toads from range-front versus range-core populations in Australia. <i>Behavioral Ecology and Sociobiology</i> , 2017 , 71, 1 | 2.5 | 51 |
| 145 | The accelerating invasion: dispersal rates of cane toads at an invasion front compared to an already-colonized location. <i>Evolutionary Ecology</i> , 2017 , 31, 533-545 | 1.8 | 16 |
| 144 | An invasive tree facilitates the persistence of native rodents on an over-grazed floodplain in tropical Australia. <i>Austral Ecology</i> , 2017 , 42, 385-393 | 1.5 | 5 |
| 143 | Curvilinear telomere length dynamics in a squamate reptile. <i>Functional Ecology</i> , 2017 , 31, 753-759 | 5.6 | 29 |
| 142 | Effects of invasion history on physiological responses to immune system activation in invasive Australian cane toads. <i>PeerJ</i> , 2017 , 5, e3856 | 3.1 | 9 |
| 141 | Bigger babies are bolder: effects of body size on personality of hatchling snakes. <i>Behaviour</i> , 2016 , 153, 313-323 | 1.4 | 28 |
| 140 | Maternal body size influences offspring immune configuration in an oviparous snake. <i>Royal Society Open Science</i> , 2016 , 3, 160041 | 3.3 | 6 |
| 139 | It is lonely at the front: contrasting evolutionary trajectories in male and female invaders. <i>Royal Society Open Science</i> , 2016 , 3, 160687 | 3.3 | 34 |
| 138 | Floods and famine: climate-induced collapse of a tropical predator-prey community. <i>Functional Ecology</i> , 2016 , 30, 453-458 | 5.6 | 11 |
| 137 | The use of a brief mental health screener to enhance the ability of police officers to identify persons with serious mental disorders. <i>International Journal of Law and Psychiatry</i> , 2016 , 47, 28-35 | 2.6 | 13 |
| 136 | Toads in the backyard: why do invasive cane toads (<i>Rhinella marina</i>) prefer buildings to bushland?. <i>Population Ecology</i> , 2016 , 58, 293-302 | 2.1 | 26 |
| 135 | Ecological immunization: in situ training of free-ranging predatory lizards reduces their vulnerability to invasive toxic prey. <i>Biology Letters</i> , 2016 , 12, 20150863 | 3.6 | 36 |
| 134 | The impact of lungworm parasites on rates of dispersal of their anuran host, the invasive cane toad. <i>Biological Invasions</i> , 2016 , 18, 103-114 | 2.7 | 21 |

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| 133 | Communally Nesting Migratory Birds Create Ecological Hot-Spots in Tropical Australia. <i>PLoS ONE</i> , 2016 , 11, e0162651 | 3.7 | 11 |
| 132 | Athletic anurans: the impact of morphology, ecology and evolution on climbing ability in invasive cane toads. <i>Biological Journal of the Linnean Society</i> , 2016 , 119, 992-999 | 1.9 | 15 |
| 131 | Frogs in the spotlight: a 16-year survey of native frogs and invasive toads on a floodplain in tropical Australia. <i>Ecology and Evolution</i> , 2016 , 6, 4445-57 | 2.8 | 6 |
| 130 | Diagnostic investigation of new disease syndromes in farmed Australian saltwater crocodiles (<i>Crocodylus porosus</i>) reveals associations with herpesviral infection. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016 , 28, 279-90 | 1.5 | 20 |
| 129 | Effects of intense wildfires on the nesting ecology of oviparous montane lizards. <i>Austral Ecology</i> , 2016 , 41, 756-767 | 1.5 | 4 |
| 128 | Noisy neighbours at the frog pond: effects of invasive cane toads on the calling behaviour of native Australian frogs. <i>Behavioral Ecology and Sociobiology</i> , 2015 , 69, 675-683 | 2.5 | 21 |
| 127 | Mathematical modelling of spatial sorting and evolution in a host-parasite system. <i>Journal of Theoretical Biology</i> , 2015 , 380, 530-41 | 2.3 | 4 |
| 126 | The Effects of a Nematode Lungworm (<i>Rhabdias hylae</i>) on its Natural and Invasive Anuran Hosts. <i>Journal of Parasitology</i> , 2015 , 101, 290-6 | 0.9 | 7 |
| 125 | Helpful invaders: Can cane toads reduce the parasite burdens of native frogs?. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2015 , 4, 295-300 | 2.6 | 6 |
| 124 | Host-parasite interactions during a biological invasion: The fate of lungworms (<i>Rhabdias</i> spp.) inside native and novel anuran hosts. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2015 , 4, 206-15 | 2.6 | 7 |
| 123 | Directional dispersal has not evolved during the cane toad invasion. <i>Functional Ecology</i> , 2015 , 29, 830-836 | 3.6 | 9 |
| 122 | Measuring the prevalence of current, severe symptoms of mental health problems in a canadian correctional population: implications for delivery of mental health services for inmates. <i>International Journal of Offender Therapy and Comparative Criminology</i> , 2015 , 59, 27-50 | 1.3 | 17 |
| 121 | Invader immunology: invasion history alters immune system function in cane toads (<i>Rhinella marina</i>) in tropical Australia. <i>Ecology Letters</i> , 2015 , 18, 57-65 | 10 | 69 |
| 120 | Habitat use of the introduced cane toad (<i>Rhinella marina</i>) and native frog species in tropical Australia. <i>Journal of Tropical Ecology</i> , 2015 , 31, 531-540 | 1.3 | 12 |
| 119 | Sex and age differences in habitat use by invasive cane toads (<i>Rhinella marina</i>) and a native anuran (<i>Cyclorana australis</i>) in the Australian wet-dry tropics. <i>Austral Ecology</i> , 2015 , 40, 953-961 | 1.5 | 13 |
| 118 | Virgins in the vanguard: low reproductive frequency in invasion-front cane toads. <i>Biological Journal of the Linnean Society</i> , 2015 , 116, 743-747 | 1.9 | 42 |
| 117 | High infection intensities, but negligible fitness costs, suggest tolerance of gastrointestinal nematodes in a tropical snake. <i>Austral Ecology</i> , 2015 , 40, 683-692 | 1.5 | 10 |
| 116 | Stress and immunity at the invasion front: a comparison across cane toad (<i>Rhinella marina</i>) populations. <i>Biological Journal of the Linnean Society</i> , 2015 , 116, 748-760 | 1.9 | 27 |

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| 115 | Identifying the time scale of synchronous movement: a study on tropical snakes. <i>Movement Ecology</i> , 2015 , 3, 12 | 4.6 | 1 |
| 114 | The straight and narrow path: the evolution of straight-line dispersal at a cane toad invasion front. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, | 4.4 | 59 |
| 113 | Activity Patterns and Movements of Free-Ranging Bluetongue Lizards (<i>Tiliqua scincoides intermedia</i> and <i>Tiliqua multifasciata</i>) in the Australian Wet-Dry Tropics. <i>Journal of Herpetology</i> , 2014 , 48, 298-305 | 1.1 | 3 |
| 112 | Behavioural responses of reptile predators to invasive cane toads in tropical Australia. <i>Austral Ecology</i> , 2014 , 39, 448-454 | 1.5 | 13 |
| 111 | Pathology of runting in farmed saltwater crocodiles (<i>Crocodylus porosus</i>) in Australia. <i>Veterinary Pathology</i> , 2014 , 51, 1022-34 | 2.8 | 11 |
| 110 | Effects of an invasive species on refuge-site selection by native fauna: The impact of cane toads on native frogs in the Australian tropics. <i>Austral Ecology</i> , 2014 , 39, 50-59 | 1.5 | 6 |
| 109 | Immune response varies with rate of dispersal in invasive cane toads (<i>Rhinella marina</i>). <i>PLoS ONE</i> , 2014 , 9, e99734 | 3.7 | 38 |
| 108 | The effects of weather conditions on dispersal behaviour of free-ranging lizards (<i>Tiliqua</i> , Scincidae) in tropical Australia. <i>Functional Ecology</i> , 2014 , 28, 440-449 | 5.6 | 8 |
| 107 | Invasive cane toads: social facilitation depends upon an individual's personality. <i>PLoS ONE</i> , 2014 , 9, e102880 | 3.7 | 22 |
| 106 | Habitat selection by bluetongue lizards (<i>Tiliqua</i> , Scincidae) in tropical Australia: a study using GPS telemetry. <i>Animal Biotelemetry</i> , 2013 , 1, 7 | 2.8 | 11 |
| 105 | Invasive parasites in multiple invasive hosts: the arrival of a new host revives a stalled prior parasite invasion. <i>Oikos</i> , 2013 , 122, 1317-1324 | 4 | 19 |
| 104 | Interacting biocontrol programmes: invasive cane toads reduce rates of breakdown of cowpats by dung beetles. <i>Austral Ecology</i> , 2013 , 38, 891-895 | 1.5 | 7 |
| 103 | Rapid shifts in dispersal behavior on an expanding range edge. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13452-6 | 11.5 | 101 |
| 102 | Spatial ecology of bluetongue lizards (<i>Tiliqua</i> spp.) in the Australian wet-dry tropics. <i>Austral Ecology</i> , 2013 , 38, 493-503 | 1.5 | 9 |
| 101 | The early toad gets the worm: cane toads at an invasion front benefit from higher prey availability. <i>Journal of Animal Ecology</i> , 2013 , 82, 854-62 | 4.7 | 60 |
| 100 | Identifying optimal barriers to halt the invasion of cane toads <i>Rhinella marina</i> in arid Australia. <i>Journal of Applied Ecology</i> , 2013 , 50, 129-137 | 5.8 | 42 |
| 99 | Road transect surveys do not reveal any consistent effects of a toxic invasive species on tropical reptiles. <i>Biological Invasions</i> , 2013 , 15, 1005-1015 | 2.7 | 10 |
| 98 | Invader impact clarifies the roles of top-down and bottom-up effects on tropical snake populations. <i>Functional Ecology</i> , 2013 , 27, 351-361 | 5.6 | 37 |

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| 97 | Sexual selection in cane toads <i>Rhinella marina</i> : A male's body size affects his success and his tactics. <i>Environmental Epigenetics</i> , 2013 , 59, 747-753 | 2.4 | 9 |
| 96 | Using phytohaemagglutinin to determine immune responsiveness in saltwater crocodiles (<i>Crocodylus porosus</i>). <i>Australian Journal of Zoology</i> , 2013 , 61, 301 | 0.5 | 12 |
| 95 | Larger body size at metamorphosis enhances survival, growth and performance of young cane toads (<i>Rhinella marina</i>). <i>PLoS ONE</i> , 2013 , 8, e70121 | 3.7 | 102 |
| 94 | Rapid evolution of parasite life history traits on an expanding range-edge. <i>Ecology Letters</i> , 2012 , 15, 329-337 | 3.7 | 52 |
| 93 | Size and sex matter: infection dynamics of an invading parasite (the pentastome <i>Raillietiella frenatus</i>) in an invading host (the cane toad <i>Rhinella marina</i>). <i>Parasitology</i> , 2012 , 139, 1596-604 | 2.7 | 9 |
| 92 | Interacting impacts of invasive plants and invasive toads on native lizards. <i>American Naturalist</i> , 2012 , 179, 413-22 | 3.7 | 15 |
| 91 | Corticosterone-immune interactions during captive stress in invading Australian cane toads (<i>Rhinella marina</i>). <i>Hormones and Behavior</i> , 2012 , 62, 146-53 | 3.7 | 48 |
| 90 | Cane toads on cowpats: commercial livestock production facilitates toad invasion in tropical australia. <i>PLoS ONE</i> , 2012 , 7, e49351 | 3.7 | 17 |
| 89 | Reduced investment in immune function in invasion-front populations of the cane toad (<i>Rhinella marina</i>) in Australia. <i>Biological Invasions</i> , 2012 , 14, 999-1008 | 2.7 | 57 |
| 88 | The ecological impact of invasive cane toads on tropical snakes: field data do not support laboratory-based predictions. <i>Ecology</i> , 2011 , 92, 422-31 | 4.6 | 48 |
| 87 | Measuring amphibian immunocompetence: validation of the phytohemagglutinin skin-swelling assay in the cane toad, <i>Rhinella marina</i> . <i>Methods in Ecology and Evolution</i> , 2011 , 2, 341-348 | 7.7 | 57 |
| 86 | Effects of seasonal aridity on the ecology and behaviour of invasive cane toads in the Australian wet-dry tropics. <i>Functional Ecology</i> , 2011 , 25, 1339-1347 | 5.6 | 58 |
| 85 | Adaptation or preadaptation: why are keelback snakes (<i>Tropidonophis mairii</i>) less vulnerable to invasive cane toads (<i>Bufo marinus</i>) than are other Australian snakes?. <i>Evolutionary Ecology</i> , 2011 , 25, 13-24 | 1.8 | 30 |
| 84 | The enduring toxicity of road-killed cane toads (<i>Rhinella marina</i>). <i>Biological Invasions</i> , 2011 , 13, 2135-2145 | 3.7 | 9 |
| 83 | Influence of lung parasites on the growth rates of free-ranging and captive adult cane toads. <i>Oecologia</i> , 2011 , 165, 585-92 | 2.9 | 39 |
| 82 | Foraging tactics of an ambush predator: the effects of substrate attributes on prey availability and predator feeding success. <i>Behavioral Ecology and Sociobiology</i> , 2011 , 65, 1367-1375 | 2.5 | 21 |
| 81 | Behavioral responses to immune-system activation in an anuran (the cane toad, <i>Bufo marinus</i>): field and laboratory studies. <i>Physiological and Biochemical Zoology</i> , 2011 , 84, 77-86 | 2 | 34 |
| 80 | An evolutionary process that assembles phenotypes through space rather than through time. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 5708-11 | 11.5 | 329 |

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| 79 | Reply to Lee: Spatial sorting, assortative mating, and natural selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E348-E348 | 11.5 | 7 |
| 78 | Hatchling Australian freshwater crocodiles rapidly learn to avoid toxic invasive cane toads. <i>Behaviour</i> , 2011 , 148, 501-517 | 1.4 | 33 |
| 77 | Using combined morphological, allometric and molecular approaches to identify species of the genus <i>Raillietiella</i> (Pentastomida). <i>PLoS ONE</i> , 2011 , 6, e24936 | 3.7 | 32 |
| 76 | Predator behaviour and morphology mediates the impact of an invasive species: cane toads and death adders in Australia. <i>Animal Conservation</i> , 2010 , 13, 53-59 | 3.2 | 83 |
| 75 | Climate-driven impacts of prey abundance on the population structure of a tropical aquatic predator. <i>Oikos</i> , 2010 , 119, 188-196 | 4 | 14 |
| 74 | Using a native predator (the meat ant, <i>Iridomyrmex reburrus</i>) to reduce the abundance of an invasive species (the cane toad, <i>Bufo marinus</i>) in tropical Australia. <i>Journal of Applied Ecology</i> , 2010 , 47, 273-280 | 5.8 | 39 |
| 73 | Factors affecting the vulnerability of cane toads (<i>Bufo marinus</i>) to predation by ants. <i>Biological Journal of the Linnean Society</i> , 2010 , 99, 738-751 | 1.9 | 29 |
| 72 | Evolutionarily accelerated invasions: the rate of dispersal evolves upwards during the range advance of cane toads. <i>Journal of Evolutionary Biology</i> , 2010 , 23, 2595-601 | 2.3 | 143 |
| 71 | Parasites and pathogens lag behind their host during periods of host range advance. <i>Ecology</i> , 2010 , 91, 872-81 | 4.6 | 155 |
| 70 | Life-history evolution in range-shifting populations. <i>Ecology</i> , 2010 , 91, 1617-27 | 4.6 | 271 |
| 69 | Predation on toxic cane toads (<i>Bufo marinus</i>) may imperil bluetongue lizards (<i>Tiliqua scincoides intermedia</i> , Scincidae) in tropical Australia. <i>Wildlife Research</i> , 2010 , 37, 166 | 1.8 | 40 |
| 68 | Comparisons through time and space suggest rapid evolution of dispersal behaviour in an invasive species. <i>Wildlife Research</i> , 2009 , 36, 23 | 1.8 | 109 |
| 67 | Beyond size-number trade-offs: clutch size as a maternal effect. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 1097-106 | 5.8 | 46 |
| 66 | Sexual selection favours large body size in males of a tropical snake (<i>Stegonotus cucullatus</i> , Colubridae). <i>Animal Behaviour</i> , 2009 , 77, 177-182 | 2.8 | 26 |
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| 14 | Variation in offspring sex ratios in the northern water snake (<i>Nerodia sipedon</i>). <i>Canadian Journal of Zoology</i> , 1998 , 76, 2200-2206 | 1.5 | 5 |
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