Adam J Stow

List of Publications by Year
in descending order

97 papers	2,206 citations	279701 23 h-index	265120 42 g-index
98 all docs	98 docs citations	98 times ranked	3040 citing authors

#	Article	IF	Citations
1	Genetic differentiation in the threatened soft coral Dendronephthya australis in temperate eastern Australia. Austral Ecology, 2022, 47, 804-817.	0.7	6
2	Microgeographical adaptation corresponds to elevational distributions of congeneric montane grasshoppers. Molecular Ecology, 2021, 30, 481-498.	2.0	15
3	Extent and effect of the 2019-20 Australian bushfires on upland peat swamps in the Blue Mountains, NSW. International Journal of Wildland Fire, 2021, 30, 294.	1.0	9
4	Genetic structure and effective population size of Sydney rock oysters in eastern Australia. Conservation Genetics, 2021, 22, 427-442.	0.8	6
5	Low effective population size in the genetically bottlenecked Australian sea lion is insufficient to maintain genetic variation. Animal Conservation, 2021, 24, 847.	1.5	2
6	Conservation status of the world's skinks (Scincidae): Taxonomic and geographic patterns in extinction risk. Biological Conservation, 2021, 257, 109101.	1.9	26
7	Concordant patterns of genetic, acoustic, and morphological divergence in the West African Old World leafâ€nosed bats of the Hipposideros caffer complex. Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 1390-1407.	0.6	3
8	Population genetics informs the management of a controversial Australian waterbird. Conservation Genetics, 2021, 22, 1023.	0.8	0
9	Sperm Storage in a Family-Living Lizard, the Tree Skink (Egernia striolata). Journal of Heredity, 2021, 112, 526-534.	1.0	4
10	Socioecology of the Australian Tree Skink (Egernia striolata). Frontiers in Ecology and Evolution, 2021, 9, .	1.1	0
11	Social Barriers in Ecological Landscapes: The Social Resistance Hypothesis. Trends in Ecology and Evolution, 2020, 35, 137-148.	4.2	52
12	The evolution of polymorphism in the warning coloration of the Amazonian poison frog Adelphobates galactonotus. Heredity, 2020, 124, 439-456.	1.2	11
13	The Influence of Environmental Variation on the Genetic Structure of a Poison Frog Distributed Across Continuous Amazonian Rainforest. Journal of Heredity, 2020, 111, 457-470.	1.0	9
14	Conservation prioritization can resolve the flagship species conundrum. Nature Communications, 2020, 11, 994.	5.8	80
15	Detection of environmental and morphological adaptation despite high landscape genetic connectivity in a pest grasshopper (Phaulacridium vittatum). Molecular Ecology, 2019, 28, 3395-3412.	2.0	21
16	Effective population size of the critically endangered east Australian grey nurse shark Carcharias taurus. Marine Ecology - Progress Series, 2019, 610, 137-148.	0.9	15
17	The search for loci under selection: trends, biases and progress. Molecular Ecology, 2018, 27, 1342-1356.	2.0	171
18	Monogamous sperm storage and permanent worker sterility in a long-lived ambrosia beetle. Nature Ecology and Evolution, 2018, 2, 1009-1018.	3.4	16

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19	Under the weather?â€"The direct effects of climate warming on a threatened desert lizard are mediated by their activity phase and burrow system. Journal of Animal Ecology, 2018, 87, 660-671.	1.3	32
20	Geographic vocal variation and perceptual discrimination abilities in male Australian sea lions. Animal Cognition, 2018, 21, 235-243.	0.9	3
21	Feeling the pressure at home: Predator activity at the burrow entrance of an endangered aridâ€zone skink. Austral Ecology, 2018, 43, 102-109.	0.7	11
22	Morphological Variation Tracks Environmental Gradients in an Agricultural Pest,Phaulacridium vittatum(Orthoptera: Acrididae). Journal of Insect Science, 2018, 18, .	0.6	17
23	Soil and forest structure predicts large-scale patterns of occurrence and local abundance of a widespread Amazonian frog. PeerJ, 2018, 6, e5424.	0.9	11
24	Different environmental gradients affect different measures of snake Î²-diversity in the Amazon rainforests. PeerJ, 2018, 6, e5628.	0.9	15
25	Cunningham's skinks show low genetic connectivity and signatures of divergent selection across its distribution. Ecology and Evolution, 2017, 7, 48-57.	0.8	7
26	Genetic structure and signatures of selection in grey reef sharks (Carcharhinus amblyrhynchos). Heredity, 2017, 119, 142-153.	1.2	53
27	Contrasting Patterns of Gene Flow for Amazonian Snakes That Actively Forage and Those That Wait in Ambush. Journal of Heredity, 2017, 108, 524-534.	1.0	21
28	Influence of adaptive capacity on the outcome of climate change vulnerability assessment. Scientific Reports, 2017, 7, 12979.	1.6	47
29	High density brood of Australian gall-inducing Acacia thrips aid in fungal control. Evolutionary Ecology, 2017, 31, 119-130.	0.5	1
30	Combining dispersal, landscape connectivity and habitat suitability to assess climate-induced changes in the distribution of Cunninghamâ€™s skink, Egernia cunninghami. PLoS ONE, 2017, 12, e0184193.	1.1	12
31	Lack of genetic introgression between wild and selectively bred Sydney rock oysters Saccostrea glomerata. Marine Ecology - Progress Series, 2017, 570, 127-139.	0.9	16
32	The Limits of Dispersal: Fine Scale Spatial Genetic Structure in Australian Sea Lions. Frontiers in Marine Science, 2016, 3, .	1.2	6
33	A multilocus comparative study of dispersal in three codistributed demersal sharks from eastern Australia. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 406-415.	0.7	14
34	Is fire a threatening process for Liopholis kintorei, a nationally listed threatened skink?. Wildlife Research, 2015, 42, 207.	0.7	17
35	Genetic variation, multiple paternity, and measures of reproductive success in the critically endangered hawksbill turtle (<scp>E</scp>retmochelys imbricata). Ecology and Evolution, 2015, 5, 5758-5769.	0.8	21
36	Connectivity in grey reef sharks (Carcharhinus amblyrhynchos) determined using empirical and simulated genetic data. Scientific Reports, 2015, 5, 13229.	1.6	24

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37	Conserving coral reef organisms that lack larval dispersal: are networks of Marine Protected Areas good enough?. Frontiers in Marine Science, 2015, 2, .	1.2	10
38	Genetic Divergence among Regions Containing the Vulnerable Great Desert Skink (Liopholis kintorei) in the Australian Arid Zone. PLoS ONE, 2015, 10, e0128874.	1.1	8
39	No predatory bias with respect to colour familiarity for the aposematic Adelphobates galactonotus (Anura:ÂDendrobatidae). Behaviour, 2015, 152, 1637-1657.	0.4	8
40	Multiple paternity in captive grey nurse sharks (Carcharias taurus): implications for the captive breeding of this critically endangered species. Pacific Conservation Biology, 2015, 21, 122.	0.5	2
41	The Costs of Evaluating Species Densities and Composition of Snakes to Assess Development Impacts in Amazonia. PLoS ONE, 2014, 9, e105453.	1.1	22
42	Isolation and characterization of 11 novel microsatellite loci in a West African leaf-nosed bat, Hipposideros aff. ruber. BMC Research Notes, 2014, 7, 607.	0.6	4
43	Characterisation of 15 novel microsatellite loci for the grey reef shark (Carcharhinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50	0.4	5
44	Fineâ€scale genetics of subterranean syncarids. Freshwater Biology, 2014, 59, 1-11.	1.2	30
45	A framework for assessing the vulnerability of species to climate change: a case study of the Australian elapid snakes. Biodiversity and Conservation, 2014, 23, 3019-3034.	1.2	28
46	Adult male Australian sea lion barking calls reveal clear geographical variations. Animal Behaviour, 2014, 97, 229-239.	0.8	13
47	The Value of Including Intraspecific Measures of Biodiversity in Environmental impact Surveys is Highlighted by the Amazonian Brilliant-Thighed Frog (Allobates Femoralis). Tropical Conservation Science, 2014, 7, 811-828.	0.6	28
48	Genetic structure of Carcinus maenas in southeast Australia. Marine Ecology - Progress Series, 2014, 500, 139-147.	0.9	7
49	Keeping up with the neighbours: using a genetic measurement of dispersal and species distribution modelling to assess the impact of climate change on an A ustralian arid zone gecko (G ehyra variegata) Tj ETQq1 1 0.784314 rgBT /O	2	
50	Characterization of 12 novel microsatellite loci and cross-amplification of four loci in the endangered Australian sea lion (Neophoca cinerea). Conservation Genetics Resources, 2013, 5, 283-285.	0.4	3
51	Frequency of Multiple Paternity in Gummy Shark, Mustelus antarcticus, and Rig, Mustelus lenticulatus, and the Implications of Mate Encounter Rate, Postcopulatory Influences, and Reproductive Mode. Journal of Heredity, 2013, 104, 371-379.	1.0	34
52	The Effectiveness of Antimicrobial Defenses Declines With Increasing Group Size and Genetic Similarity. Annals of the Entomological Society of America, 2013, 106, 53-58.	1.3	10
53	Predicting impacts of global climate change on intraspecific genetic diversity benefits from realistic dispersal estimates. Australian Journal of Zoology, 2013, 61, 454.	0.6	1
54	Higher genetic diversity is associated with stable water refugia for a gecko with a wide distribution in arid A ustralia. Diversity and Distributions, 2013, 19, 1072-1083.	1.9	10

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55	Genetically defining populations is of limited use for evaluating and managing human impacts on gene flow. Wildlife Research, 2012, 39, 290.	0.7	9
56	Tree-Dwelling Populations of the Skink Egernia striolata Aggregate in Groups of Close Kin. Copeia, 2012, 2012, 130-134.	1.4	18
57	Genetic divergence, speciation and biogeography of Mustelus (sharks) in the central Indo-Pacific and Australasia. Molecular Phylogenetics and Evolution, 2012, 64, 697-703.	1.2	15
58	Primordial Enemies: Fungal Pathogens in Thrips Societies. PLoS ONE, 2012, 7, e49737.	1.1	6
59	The first set of microsatellite markers developed for the ancient Parabathynellidae (Syncarida,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 4, 587-589.	0.4	3
60	Longâ€distance geneflow and habitat specificity of the rockâ€dwelling coppertail skink, Ctenotus taeniolatus. Austral Ecology, 2012, 37, 258-267.	0.7	5
61	Population structure of adult female Australian sea lions is driven by fine-scale foraging site fidelity. Animal Behaviour, 2012, 83, 691-701.	0.8	63
62	Levels of dispersal and tail loss in an Australian gecko (Gehyra variegata) are associated with differences in forest structure. Australian Journal of Zoology, 2011, 59, 170.	0.6	6
63	Molecular evidence for variation in polyandry among praying mantids (Mantodea: Ciulfina). Journal of Zoology, 2011, 284, 40-45.	0.8	9
64	Antimicrobial strength increases with group size: implications for social evolution. Biology Letters, 2011, 7, 249-252.	1.0	35
65	Successful development of microsatellite markers in a challenging species: the horizontal borerAustroplatypus incompertus(Coleoptera: Curculionidae). Bulletin of Entomological Research, 2011, 101, 551-555.	0.5	5
66	Lizards Cooperatively Tunnel to Construct a Long-Term Home for Family Members. PLoS ONE, 2011, 6, e19041.	1.1	34
67	Social Complexity and Nesting Habits Are Factors in the Evolution of Antimicrobial Defences in Wasps. PLoS ONE, 2011, 6, e21763.	1.1	26
68	Rapid isolation and characterisation of microsatellite loci from a widespread Australian gecko, the Tree Dtella, Gehyra variegata. Conservation Genetics Resources, 2010, 2, 349-351.	0.4	7
69	Rapid isolation of the first set of polymorphic microsatellite loci from the Australian gummy shark, Mustelus antarcticus and their utility across divergent shark taxa. Conservation Genetics Resources, 2010, 2, 393-395.	0.4	25
70	Genetic data show that Carcharhinus tilstoni is not confined to the tropics, highlighting the importance of a multifaceted approach to species identification. Journal of Fish Biology, 2010, 77, 1165-1172.	0.7	14
71	Differential antimicrobial activity in response to the entomopathogenic fungus Cordyceps in six Australian bee species. Australian Journal of Entomology, 2010, 49, 145-149.	1.1	6
72	Non-invasive genetic sampling of faecal material and hair from the grey-headed flying-fox (Pteropus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	7

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73	Mating system and genetic structure in the paper wasp (Polistes humilis). Australian Journal of Zoology, 2009, 57, 73.	0.6	4
74	Ploidy of the eusocial beetle Austroplatypus incompertus (Schedl) (Coleoptera, Curculionidae) and implications for the evolution of eusociality. Insectes Sociaux, 2009, 56, 285-288.	0.7	9
75	Nuclear and mitochondrial DNA reveals isolation of imperilled grey nurse shark populations (Carcharias taurus). Molecular Ecology, 2009, 18, 4409-4421.	2.0	75
76	Microsatellite markers for the praying mantid Ciulfina rentzi (Liturgusidae). Molecular Ecology Resources, 2009, 9, 1480-1482.	2.2	4
77	Shark jaws and teeth: an unexploited resource for population genetic studies. Journal of Fish Biology, 2008, 73, 450-455.	0.7	8
78	An enhanced miniaturized assay for antimicrobial prospecting. Journal of Microbiological Methods, 2008, 72, 103-106.	0.7	21
79	Chemical and genetic defenses against disease in insect societies. Brain, Behavior, and Immunity, 2008, 22, 1009-1013.	2.0	48
80	Isolation and characterization of microsatellite loci from the coppertail skink (Ctenotus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Tc	2.2	4
81	Antimicrobial defences increase with sociality in bees. Biology Letters, 2007, 3, 422-424.	1.0	91
82	Sex and sociality in a disconnected world: a review of the impacts of habitat fragmentation on animal social interactionsThis review is one of a series dealing with some aspects of the impact of habitat fragmentation on animals and plants. This series is one of several virtual symposia focussing on ecological topics that will be published in the Journal from time to time.. Canadian Journal of Zoology, 2007, 85, 1065-1079.	0.4	103
83	Polymorphic microsatellite markers for studies of the conservation and reproductive genetics of imperilled sand tiger sharks (Carcharias taurus). Molecular Ecology Notes, 2007, 7, 1366-1368.	1.7	15
84	Isolation and genetic diversity of endangered grey nurse shark (Carcharias taurus) populations. Biology Letters, 2006, 2, 308-311.	1.0	64
85	Fine-scale genetic structure, co-founding and multiple mating in the Australian allodapine bee (Exoneura robusta). Journal of Zoology, 2006, 270, 687-691.	0.8	9
86	Genetic structure infers generally high philopatry and male-biased dispersal of brushtail possums (Trichosurus vulpecula) in urban Australia. Wildlife Research, 2006, 33, 409.	0.7	21
87	Widespread Utility of Highly Informative AFLP Molecular Markers across Divergent Shark Species. Journal of Heredity, 2006, 97, 607-611.	1.0	15
88	Fine-Scale Genetic Structure and Fire-Created Habitat Patchiness in the Australian Allodapine Bee, Exoneura nigrescens (Hymenoptera: Apidae). Journal of Heredity, 2006, 98, 60-66.	1.0	16
89	Impact of habitat fragmentation on allelic diversity at microsatellite loci in Cunninghamâ€™s skink (Egernia cunninghami); a preliminary study. Conservation Genetics, 2005, 6, 455-459.	0.8	15
90	Inbreeding avoidance in Cunningham's skinks (Egernia cunninghami) in natural and fragmented habitat. Molecular Ecology, 2004, 13, 443-447.	2.0	84

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91	High mate and site fidelity in Cunningham's skinks (Egernia cunninghami) in natural and fragmented habitat. Molecular Ecology, 2004, 13, 419-430.	2.0	76
92	Microsatellite loci from the Cunningham's Skink (Egernia cunninghami). Molecular Ecology Notes, 2002, 2, 256-257.	1.7	14
93	The impact of habitat fragmentation on dispersal of Cunninghamâ€™s skink (Egernia cunninghami): evidence from allelic and genotypic analyses of microsatellites. Molecular Ecology, 2001, 10, 867-878.	2.0	194
94	Conclusion: conservation onboard Austral Ark needs all hands on deck. , 0, , 624-627.		0
95	Stock structure and effective population size of the commercially exploited gummy shark Mustelus antarcticus. Marine Ecology - Progress Series, 0, , .	0.9	4
96	Selection and localised genetic structure in the threatened Manauense Harlequin Frog (Bufonidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	0
97	Divided by the range: evidence for geographic isolation of the highly mobile Emu (<i>Dromaius) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.2	1