

Michael Kearney

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.

170
papers

15,008
citations

52
h-index

121
g-index

181
ext. papers

17,726
ext. citations

5.8
avg, IF

7.08
L-index

#	Paper	IF	Citations
170	Too hot for the devil? Did climate change cause the mid-Holocene extinction of the Tasmanian devil <i>Sacrophilus harrisii</i> from mainland Australia?. <i>Ecography</i> , 2022 , 2022,	6.5	2
169	Parthenogenesis without costs in a grasshopper with hybrid origins. <i>Science</i> , 2022 , 376, 1110-1114	33.3	2
168	Grasshopper country before and after: a resurvey of Ken Key's collecting expeditions in New South Wales, Australia, 70 years on. <i>Austral Entomology</i> , 2021 , 60, 52-65	1.1	3
167	A general model of the thermal constraints on the world's most destructive locust, <i>Schistocerca gregaria</i> . <i>Ecological Applications</i> , 2021 , 31, e02310	4.9	7
166	An endangered flightless grasshopper with strong genetic structure maintains population genetic variation despite extensive habitat loss. <i>Ecology and Evolution</i> , 2021 , 11, 5364-5380	2.8	5
165	Where do functional traits come from? The role of theory and models. <i>Functional Ecology</i> , 2021 , 35, 1385-1396	13.96	12
164	Three questions about the eco-physiology of overwintering underground. <i>Ecology Letters</i> , 2021 , 24, 170-185	18.5	18
163	Modelling the joint effects of body size and microclimate on heat budgets and foraging opportunities of ectotherms. <i>Methods in Ecology and Evolution</i> , 2021 , 12, 458-467	7.7	2
162	What is the status of metabolic theory one century after Peter invented the von Bertalanffy growth curve?. <i>Biological Reviews</i> , 2021 , 96, 557-575	13.5	5
161	Variation in fur properties may explain differences in heat-related mortality among Australian flying-foxes. <i>Australian Journal of Zoology</i> , 2021 ,	0.5	2
160	Integrating dynamic plant growth models and microclimates for species distribution modelling. <i>Ecological Modelling</i> , 2020 , 435, 109262	3	9
159	Using Biophysical Models to Improve Survey Efficiency for Cryptic Ectotherms. <i>Journal of Wildlife Management</i> , 2020 , 84, 1185-1195	1.9	1
158	The roles of acclimation and behaviour in buffering climate change impacts along elevational gradients. <i>Journal of Animal Ecology</i> , 2020 , 89, 1722-1734	4.7	11
157	Open Science principles for accelerating trait-based science across the Tree of Life. <i>Nature Ecology and Evolution</i> , 2020 , 4, 294-303	12.3	54
156	Microclimate modelling of beach sand temperatures reveals high spatial and temporal variation at sea turtle rookeries. <i>Journal of Thermal Biology</i> , 2020 , 88, 102522	2.9	10
155	Tracheal branching in ants is area-decreasing, violating a central assumption of network transport models. <i>PLoS Computational Biology</i> , 2020 , 16, e1007853	5	5
154	How will snow alter exposure of organisms to cold stress under climate warming?. <i>Global Ecology and Biogeography</i> , 2020 , 29, 1246-1256	6.1	6

153	A method for computing hourly, historical, terrain-corrected microclimate anywhere on earth. <i>Methods in Ecology and Evolution</i> , 2020 , 11, 38-43	7.7	45
152	NicheMapR: An R package for biophysical modelling: the ectotherm and Dynamic Energy Budget models. <i>Ecography</i> , 2020 , 43, 85-96	6.5	44
151	Multiple working hypotheses for hyperallometric reproduction in fishes under metabolic theory. <i>Ecological Modelling</i> , 2020 , 433, 109228	3	4
150	Dynamics of death by heat. <i>Science</i> , 2020 , 369, 1163	33.3	3
149	Future winters present a complex energetic landscape of decreased costs and reduced risk for a freeze-tolerant amphibian, the Wood Frog (<i>Lithobates sylvaticus</i>). <i>Global Change Biology</i> , 2020 , 26, 6350-6362	11.4	4
148	A comment on the growth model of Sibly and Brown (2020). <i>Journal of Zoology</i> , 2020 , 312, 145-146	2	1
147	Forecasting wildlife die-offs from extreme heat events. <i>Animal Conservation</i> , 2019 , 22, 386-395	3.2	32
146	Integrating mechanistic and correlative niche models to unravel range-limiting processes in a temperate amphibian. <i>Global Change Biology</i> , 2019 , 25, 2633-2647	11.4	27
145	The origin and maintenance of metabolic allometry in animals. <i>Nature Ecology and Evolution</i> , 2019 , 3, 598-603	12.3	41
144	Persistence through tough times: fixed and shifting refuges in threatened species conservation. <i>Biodiversity and Conservation</i> , 2019 , 28, 1303-1330	3.4	27
143	Climate is a strong predictor of near-infrared reflectance but a poor predictor of colour in butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20190234	4.4	13
142	Life in the slow lane? A dynamic energy budget model for the western swamp turtle, <i>Pseudemys umbrina</i> . <i>Journal of Sea Research</i> , 2019 , 143, 89-99	1.9	7
141	The Fundamental Niche Concept Connects Individuals to Populations: A Comment on Angilletta et al. <i>Integrative and Comparative Biology</i> , 2019 , 59, 1509-1510	2.8	6
140	Forecasting species range dynamics with process-explicit models: matching methods to applications. <i>Ecology Letters</i> , 2019 , 22, 1940-1956	10	72
139	microclimUS: hourly estimates of historical microclimates for the United States of America with example applications. <i>Ecology</i> , 2019 , 100, e02829	4.6	4
138	Modeling the distribution of niche space and risk for a freeze-tolerant ectotherm, <i>Lithobates sylvaticus</i> . <i>Ecosphere</i> , 2019 , 10, e02788	3.1	8
137	Linking thermal adaptation and life-history theory explains latitudinal patterns of voltinism. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019 , 374, 20180547	5.8	8
136	Hydroregulation 2019 , 343-374		14

135	Reproductive Hyperallometry Does Not Challenge Mechanistic Growth Models. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 275-276	10.9	6
134	MicroclimOz Δ a microclimate data set for Australia, with example applications. <i>Austral Ecology</i> , 2019 , 44, 534-544	1.5	4
133	Can next-generation soil data products improve soil moisture modelling at the continental scale? An assessment using a new microclimate package for the R programming environment. <i>Journal of Hydrology</i> , 2018 , 561, 662-673	6	18
132	Summer egg diapause in a matchstick grasshopper synchronizes the life cycle and buffers thermal extremes. <i>Integrative Zoology</i> , 2018 , 13, 437-449	1.9	6
131	Under the weather?-The direct effects of climate warming on a threatened desert lizard are mediated by their activity phase and burrow system. <i>Journal of Animal Ecology</i> , 2018 , 87, 660-671	4.7	19
130	Geostatistical interpolation can reliably extend coverage of a very high-resolution model of temperature-dependent sex determination. <i>Journal of Biogeography</i> , 2018 , 45, 652-663	4.1	2
129	Feeling the pressure at home: Predator activity at the burrow entrance of an endangered arid-zone skink. <i>Austral Ecology</i> , 2018 , 43, 102-109	1.5	10
128	An individual-based model of ectotherm movement integrating metabolic and microclimatic constraints. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 472-489	7.7	29
127	Field tests of a general ectotherm niche model show how water can limit lizard activity and distribution. <i>Ecological Monographs</i> , 2018 , 88, 672-693	9	48
126	Advances in Monitoring and Modelling Climate at Ecologically Relevant Scales. <i>Advances in Ecological Research</i> , 2018 , 101-161	4.6	78
125	The matchstick grasshopper genus Warramaba (Morabidae: Morabinae): a description of four new species and a photographic guide to the group. <i>Zootaxa</i> , 2018 , 4482, 201-244	0.5	3
124	Reflection of near-infrared light confers thermal protection in birds. <i>Nature Communications</i> , 2018 , 9, 3610	17.4	24
123	Too much hot air? Informing ethical trapping in hot, dry environments. <i>Wildlife Research</i> , 2018 , 45, 16	1.8	5
122	Biological responses to the press and pulse of climate trends and extreme events. <i>Nature Climate Change</i> , 2018 , 8, 579-587	21.4	186
121	The effect of egg size on hatch time and metabolic rate: theoretical and empirical insights on developing insect embryos. <i>Functional Ecology</i> , 2017 , 31, 227-234	5.6	6
120	The universality of the von Bertalanffy growth curve: Comment on: "Physics of metabolic organization" by Marko Jusup et al. <i>Physics of Life Reviews</i> , 2017 , 20, 63-65	2.1	2
119	Mechanistic variables can enhance predictive models of endotherm distributions: the American pika under current, past, and future climates. <i>Global Change Biology</i> , 2017 , 23, 1048-1064	11.4	58
118	NicheMapR Δ an R package for biophysical modelling: the microclimate model. <i>Ecography</i> , 2017 , 40, 664-674	11.0	110

117	Too hot to handle? Balancing increased trapability with capture mortality in hot weather pitfall trapping. <i>Austral Ecology</i> , 2016 , 41, 918-926	1.5	
116	An estimate of the water budget for the endangered night parrot of Australia under recent and future climates. <i>Climate Change Responses</i> , 2016 , 3,		15
115	Colour change on different body regions provides thermal and signalling advantages in bearded dragon lizards. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283, 20160626	4.4	39
114	Reptile embryos and climate change: Modelling limits of viability to inform translocation decisions. <i>Biological Conservation</i> , 2016 , 204, 134-147	6.2	24
113	One lump or two? Explaining a major latitudinal transition in reproductive allocation in a viviparous lizard. <i>Functional Ecology</i> , 2016 , 30, 1373-1383	5.6	10
112	Modelling the soil microclimate: does the spatial or temporal resolution of input parameters matter?. <i>Frontiers of Biogeography</i> , 2016 , 7,	2.9	3
111	Novel applications of thermocyclers for phenotyping invertebrate thermal responses. <i>Methods in Ecology and Evolution</i> , 2016 , 7, 1201-1208	7.7	11
110	Unpacking the mechanisms captured by a correlative species distribution model to improve predictions of climate refugia. <i>Global Change Biology</i> , 2016 , 22, 2425-39	11.4	62
109	A continent-wide analysis of the shade requirements of red and western grey kangaroos. <i>Temperature</i> , 2016 , 3, 340-353	5.2	4
108	Color Change for Thermoregulation versus Camouflage in Free-Ranging Lizards. <i>American Naturalist</i> , 2016 , 188, 668-678	3.7	35
107	Mechanistic models for predicting insect responses to climate change. <i>Current Opinion in Insect Science</i> , 2016 , 17, 81-86	5.1	34
106	Climate and Fire Scenario Uncertainty Dominate the Evaluation of Options for Conserving the Great Desert Skink. <i>Conservation Letters</i> , 2016 , 9, 181-190	6.9	10
105	A dynamic energy budget for the whole life-cycle of holometabolous insects. <i>Ecological Monographs</i> , 2015 , 85, 353-371	9	42
104	Dynamic Energy Budget Theory: An Efficient and General Theory for Ecology. <i>BioScience</i> , 2015 , 65, 341-347	3.7	14
103	Morphology and burrowing energetics of semi-fossorial skinks (<i>Liopholis</i> spp.). <i>Journal of Experimental Biology</i> , 2015 , 218, 2416-26	3	29
102	Has contemporary climate change played a role in population declines of the lizard <i>Ctenophorus decresii</i> from semi-arid Australia?. <i>Journal of Thermal Biology</i> , 2015 , 54, 66-77	2.9	14
101	Climate-related spatial and temporal variation in bill morphology over the past century in Australian parrots. <i>Journal of Biogeography</i> , 2015 , 42, 1163-1175	4.1	31
100	Predicting climate warming effects on green turtle hatchling viability and dispersal performance. <i>Functional Ecology</i> , 2015 , 29, 768-778	5.6	34

99	Bergmann meets Scholander: geographical variation in body size and insulation in the koala is related to climate. <i>Journal of Biogeography</i> , 2015 , 42, 791-802	4.1	24
98	Is fire a threatening process for <i>Liopholis kintorei</i> , a nationally listed threatened skink?. <i>Wildlife Research</i> , 2015 , 42, 207	1.8	12
97	Testing mechanistic models of growth in insects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282,	4.4	21
96	Ontogenetic and interspecific scaling of consumption in insects. <i>Oikos</i> , 2015 , 124, 1564-1570	4	19
95	Modeling behavioral thermoregulation in a climate change sentinel. <i>Ecology and Evolution</i> , 2015 , 5, 5810-22	2.2	21
94	Microclimate modelling at macro scales: a test of a general microclimate model integrated with gridded continental-scale soil and weather data. <i>Methods in Ecology and Evolution</i> , 2014 , 5, 273-286	7.7	93
93	Sensitivity to thermal extremes in Australian <i>Drosophila</i> implies similar impacts of climate change on the distribution of widespread and tropical species. <i>Global Change Biology</i> , 2014 , 20, 1738-50	11.4	151
92	Thermal-safety margins and the necessity of thermoregulatory behavior across latitude and elevation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 5610-5	11.5	630
91	Metabolic scaling in animals: methods, empirical results, and theoretical explanations. <i>Comprehensive Physiology</i> , 2014 , 4, 231-56	7.7	104
90	Tree-hugging koalas demonstrate a novel thermoregulatory mechanism for arboreal mammals. <i>Biology Letters</i> , 2014 , 10,	3.6	70
89	Behavioural thermoregulation and the relative roles of convection and radiation in a basking butterfly. <i>Journal of Thermal Biology</i> , 2014 , 41, 65-71	2.9	20
88	Reconciling theories for metabolic scaling. <i>Journal of Animal Ecology</i> , 2014 , 83, 20-9	4.7	62
87	Microclim: Global estimates of hourly microclimate based on long-term monthly climate averages. <i>Scientific Data</i> , 2014 , 1, 140006	8.2	127
86	Co-gradient variation in growth rate and development time of a broadly distributed butterfly. <i>PLoS ONE</i> , 2014 , 9, e95258	3.7	21
85	Models of primary sex ratios at a major flatback turtle rookery show an anomalous masculinising trend. <i>Climate Change Responses</i> , 2014 , 1,		12
84	Realized niche shift during a global biological invasion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10233-8	11.5	175
83	Ontogenetic and interspecific metabolic scaling in insects. <i>American Naturalist</i> , 2014 , 184, 695-701	3.7	22
82	A replicated comparison of breeding-container suitability for the dengue vector <i>Aedes aegypti</i> in tropical and temperate Australia. <i>Austral Ecology</i> , 2013 , 38, 219-229	1.5	8

81	Spatio-temporal changes in the structure of an Australian frog hybrid zone: a 40-year perspective. <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 3442-54	3.8	22
80	Evaluating and predicting risk to a large reptile (<i>Varanus varius</i>) from feral cat baiting protocols. <i>Biological Invasions</i> , 2013 , 15, 1653-1663	2.7	14
79	Activity restriction and the mechanistic basis for extinctions under climate warming. <i>Ecology Letters</i> , 2013 , 16, 1470-9	10	100
78	Molecular patterns of introgression in a classic hybrid zone between the Australian tree frogs, <i>Litoria ewingii</i> and <i>L. paraewingii</i> : evidence of a tension zone. <i>Molecular Ecology</i> , 2013 , 22, 1869-83	5.7	18
77	Structure and fragmentation of growling grass frog metapopulations. <i>Conservation Genetics</i> , 2013 , 14, 313-322	2.6	22
76	Determinants of inter-specific variation in basal metabolic rate. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013 , 183, 1-26	2.2	126
75	Balancing heat, water and nutrients under environmental change: a thermodynamic niche framework. <i>Functional Ecology</i> , 2013 , 27, 950-966	5.6	85
74	Process, correlation and parameter fitting in species distribution models: a response to Kriticos et al. <i>Journal of Biogeography</i> , 2013 , 40, 612-613	4.1	6
73	Predicting species distributions for conservation decisions. <i>Ecology Letters</i> , 2013 , 16, 1424-35	10	985
72	Correlation and process in species distribution models: bridging a dichotomy. <i>Journal of Biogeography</i> , 2012 , 39, 2119-2131	4.1	414
71	Stage-dependent physiological responses in a butterfly cause non-additive effects on phenology. <i>Oikos</i> , 2012 , 121, 1464-1472	4	25
70	A physiological analogy of the niche for projecting the potential distribution of plants. <i>Journal of Biogeography</i> , 2012 , 39, 2132-2145	4.1	52
69	Integrating phylogeography and physiology reveals divergence of thermal traits between central and peripheral lineages of tropical rainforest lizards. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 1680-7	5.8	57
68	Predicting organismal vulnerability to climate warming: roles of behaviour, physiology and adaptation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012 , 367, 1665-79	5.8	778
67	The trade-off between maturation and growth during accelerated development in frogs. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012 , 163, 95-102	2.6	28
66	Testing metabolic theories. <i>American Naturalist</i> , 2012 , 180, 546-65	3.7	62
65	Physiological implications of genomic state in parthenogenetic lizards of reciprocal hybrid origin. <i>Journal of Evolutionary Biology</i> , 2012 , 25, 252-63	2.3	9
64	Metabolic theory, life history and the distribution of a terrestrial ectotherm. <i>Functional Ecology</i> , 2012 , 26, 167-179	5.6	83

63	Linking Eco-Energetics and Eco-Hydrology to Select Sites for the Assisted Colonization of Australia's Rarest Reptile. <i>Biology</i> , 2012 , 2, 1-25	4.9	39
62	Biomechanics meets the ecological niche: the importance of temporal data resolution. <i>Journal of Experimental Biology</i> , 2012 , 215, 1422-1424	3	6
61	Biomechanics meets the ecological niche: the importance of temporal data resolution. <i>Journal of Experimental Biology</i> , 2012 , 215, 922-33	3	91
60	The trade-off between maturation and growth during accelerated vertebrate development. <i>FASEB Journal</i> , 2012 , 26, 886.15	0.9	
59	A manipulative test of competing theories for metabolic scaling. <i>American Naturalist</i> , 2011 , 178, 746-54	3.7	53
58	Thermal sensitivity of <i>Aedes aegypti</i> from Australia: empirical data and prediction of effects on distribution. <i>Journal of Medical Entomology</i> , 2011 , 48, 914-23	2.2	34
57	The δ variation method for estimating the parameters of the standard Dynamic Energy Budget model I: Philosophy and approach. <i>Journal of Sea Research</i> , 2011 , 66, 270-277	1.9	138
56	The δ variation method for estimating the parameters of the standard Dynamic Energy Budget model II: Properties and preliminary patterns. <i>Journal of Sea Research</i> , 2011 , 66, 278-288	1.9	66
55	Declining body size: a third universal response to warming?. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 285-91	10.9	624
54	Mechanisms and consequences of changing body size: reply to Bickford et al. and McCauley and Mabry. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 555-556	10.9	2
53	A cost-effective method of assessing thermal habitat quality for endotherms. <i>Austral Ecology</i> , 2011 , 36, 297-302	1.5	14
52	Prizing open a black box to understand climatic constraints on seabirds. <i>Journal of Biogeography</i> , 2011 , 38, 417-418	4.1	
51	Excluding access to invasion hubs can contain the spread of an invasive vertebrate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 2900-8	4.4	69
50	Combining heat-transfer and energy budget models to predict thermal stress in Mediterranean intertidal mussels. <i>Chemistry and Ecology</i> , 2011 , 27, 135-145	2.3	77
49	Early emergence in a butterfly causally linked to anthropogenic warming. <i>Biology Letters</i> , 2010 , 6, 674-7	3.6	59
48	The extinction of dengue through natural vulnerability of its vectors. <i>PLoS Neglected Tropical Diseases</i> , 2010 , 4, e922	4.8	30
47	Modelling nutritional interactions: from individuals to communities. <i>Trends in Ecology and Evolution</i> , 2010 , 25, 53-60	10.9	97
46	The art of modelling range-shifting species. <i>Methods in Ecology and Evolution</i> , 2010 , 1, 330-342	7.7	1435

45	Modelling the ecological niche from functional traits. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010 , 365, 3469-83	5.8	214
44	Modeling the consequences of thermal trait variation for the cane toad invasion of Australia 2010 , 20, 2273-85		66
43	Correlative and mechanistic models of species distribution provide congruent forecasts under climate change. <i>Conservation Letters</i> , 2010 , 3, 203-213	6.9	307
42	Size, shape, and the thermal niche of endotherms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106 Suppl 2, 19666-72	11.5	162
41	Lost Sex in the Reptiles: Constraints and Correlations 2009 , 447-474		46
40	Stasipatric speciation: resurrecting a system to bury a hypothesis?. <i>Molecular Ecology</i> , 2009 , 18, 3331-3	5.7	6
39	Integrating biophysical models and evolutionary theory to predict climatic impacts on species ranges: the dengue mosquito <i>Aedes aegypti</i> in Australia. <i>Functional Ecology</i> , 2009 , 23, 528-538	5.6	302
38	Mechanistic niche modelling: combining physiological and spatial data to predict species' ranges. <i>Ecology Letters</i> , 2009 , 12, 334-50	10	1369
37	No sex please, we're clonal. <i>Trends in Ecology and Evolution</i> , 2009 , 24, 478-479	10.9	
36	The potential for behavioral thermoregulation to buffer "cold-blooded" animals against climate warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3835-40	11.5	698
35	Modelling species distributions without using species distributions: the cane toad in Australia under current and future climates. <i>Ecography</i> , 2008 , 31, 423-434	6.5	258
34	Birth of a biome: insights into the assembly and maintenance of the Australian arid zone biota. <i>Molecular Ecology</i> , 2008 , 17, 4398-417	5.7	490
33	The evolution of sexual and parthenogenetic Warramaba: a window onto Plio-Pleistocene diversification processes in an arid biome. <i>Molecular Ecology</i> , 2008 , 17, 5257-75	5.7	22
32	Predicting the fate of a living fossil: how will global warming affect sex determination and hatching phenology in tuatara?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 2185-93	4.4	142
31	The toad ahead: challenges of modelling the range and spread of an invasive species. <i>Wildlife Research</i> , 2008 , 35, 222	1.8	49
30	Combining phylogeography with distribution modeling: multiple Pleistocene range expansions in a parthenogenetic gecko from the Australian arid zone. <i>PLoS ONE</i> , 2007 , 2, e760	3.7	42
29	Fine-scale microhabitat selection for dense vegetation in a heathland rodent, <i>Rattus lutreolus</i> : Insights from intraspecific and temporal patterns. <i>Austral Ecology</i> , 2007 , 32, 315-325	1.5	17
28	Habitat, environment and niche: what are we modelling?. <i>Oikos</i> , 2006 , 115, 186-191	4	332

27	Response to Lundmark: Polyploidization, hybridization and geographical parthenogenesis. <i>Trends in Ecology and Evolution</i> , 2006 , 21, 10	10.9	9
26	Ecologists have already started rebuilding community ecology from functional traits. <i>Trends in Ecology and Evolution</i> , 2006 , 21, 481-2; author reply 482-3	10.9	31
25	Waves of parthenogenesis in the desert: evidence for the parallel loss of sex in a grasshopper and a gecko from Australia. <i>Molecular Ecology</i> , 2006 , 15, 1743-8	5.7	46
24	Increased capacity for sustained locomotion at low temperature in parthenogenetic geckos of hybrid origin. <i>Physiological and Biochemical Zoology</i> , 2005 , 78, 316-24	2	18
23	A rapid shift in a classic clinal pattern in <i>Drosophila</i> reflecting climate change. <i>Science</i> , 2005 , 308, 691-3	33.3	309
22	Hybridization, glaciation and geographical parthenogenesis. <i>Trends in Ecology and Evolution</i> , 2005 , 20, 495-502	10.9	231
21	Lower fecundity in parthenogenetic geckos than sexual relatives in the Australian arid zone. <i>Journal of Evolutionary Biology</i> , 2005 , 18, 609-18	2.3	27
20	Phylogeography of sexual <i>Heteronotia binoei</i> (Gekkonidae) in the Australian arid zone: climatic cycling and repetitive hybridization. <i>Molecular Ecology</i> , 2005 , 14, 2755-72	5.7	37
19	DEVELOPMENTAL SUCCESS, STABILITY, AND PLASTICITY IN CLOSELY RELATED PARTHENOGENETIC AND SEXUAL LIZARDS (HETERONOTIA, GEKKONIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 1560	3.8	1
18	Experimental analysis of retreat-site selection by thick-tailed geckos <i>Nephurus milii</i> . <i>Austral Ecology</i> , 2004 , 29, 547-552	1.5	27
17	Developmental success, stability, and plasticity in closely related parthenogenetic and sexual lizards (<i>Heteronotia</i> , Gekkonidae). <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 1560-72	3.8	35
16	Morphological and Physiological Correlates of Hybrid Parthenogenesis. <i>American Naturalist</i> , 2004 , 164, 803-813	3.7	29
15	MAPPING THE FUNDAMENTAL NICHE: PHYSIOLOGY, CLIMATE, AND THE DISTRIBUTION OF A NOCTURNAL LIZARD. <i>Ecology</i> , 2004 , 85, 3119-3131	4.6	344
14	Sociality in Lizards: Why Do Thick-tailed Geckos (<i>Nephurus milii</i>) Aggregate?. <i>Behaviour</i> , 2003 , 140, 1039-1052	1.4	37
13	A radiotelemetric study of movements and thermal biology of insular Chinese pit-vipers (<i>Gloydius shedaoensis</i> , Viperidae). <i>Oikos</i> , 2003 , 100, 342-352	4	25
12	Why is sex so unpopular in the Australian desert?. <i>Trends in Ecology and Evolution</i> , 2003 , 18, 605-607	10.9	59
11	Why do Juvenile Chinese Pit-Vipers (<i>Gloydius shedaoensis</i>) Select Arboreal Ambush Sites?. <i>Ethology</i> , 2002 , 108, 897-910	1.7	17
10	Hot rocks and much-too-hot rocks: seasonal patterns of retreat-site selection by a nocturnal ectotherm. <i>Journal of Thermal Biology</i> , 2002 , 27, 205-218	2.9	67

9	Thermal correlates of foraging-site selection by Chinese pit-vipers (<i>Gloydius shedaoensis</i> , Viperidae). <i>Journal of Thermal Biology</i> , 2002 , 27, 405-412	2.9	37
8	Accidental altruism in insular pit-vipers (<i>Gloydius shedaoensis</i> , Viperidae). <i>Evolutionary Ecology</i> , 2002 , 16, 541-548	1.8	9
7	Antipredator Responses of Free-Ranging Pit Vipers(<i>Gloydius shedaoensis</i> , Viperidae). <i>Copeia</i> , 2002 , 2002, 843-850	1.1	29
6	Field studies of reptile thermoregulation: how well do physical models predict operative temperatures?. <i>Functional Ecology</i> , 2001 , 15, 282-288	5.6	86
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