Martin J Whiting

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The conservation status of the world's reptiles. Biological Conservation, 2013, 157, 372-385.	1.9	642
2	An Integrative Framework for the Appraisal of Coloration in Nature. American Naturalist, 2015, 185, 705-724.	1.0	206
3	Ultraviolet signals ultra-aggression in a lizard. Animal Behaviour, 2006, 72, 353-363.	0.8	154
4	Camouflage and colour change: antipredator responses to bird and snake predators across multiple populations in a dwarf chameleon. Biological Journal of the Linnean Society, 2006, 88, 437-446.	0.7	139
5	Animal cultures matter for conservation. Science, 2019, 363, 1032-1034.	6.0	136
6	Predator-specific camouflage in chameleons. Biology Letters, 2008, 4, 326-329.	1.0	129
7	Sex and boldness explain individual differences in spatial learning in a lizard. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133275.	1.2	98
8	Sexâ€Based Differences and Similarities in Locomotor Performance, Thermal Preferences, and Escape Behaviour in the Lizard Platysaurus intermedius wilhelmi. Physiological and Biochemical Zoology, 2003, 76, 511-521.	0.6	97
9	Why don't small snakes bask? Juvenile broad-headed snakes trade thermal benefits for safety. Oikos, 2005, 110, 515-522.	1.2	97
10	When to be neighbourly: differential agonistic responses in the lizard Platysaurus broadleyi. Behavioral Ecology and Sociobiology, 1999, 46, 210-214.	0.6	91
11	Natural Selection on Social Signals: Signal Efficacy and the Evolution of Chameleon Display Coloration. American Naturalist, 2007, 170, 916-930.	1.0	91
12	Ultraviolet signals fighting ability in a lizard. Biology Letters, 2006, 2, 169-172.	1.0	87
13	Multiple signals in chameleon contests: designing and analysing animal contests as a tournament. Animal Behaviour, 2006, 71, 1263-1271.	0.8	87
14	Geographic divergence in dispersal-related behaviour in cane toads from range-front versus range-core populations in Australia. Behavioral Ecology and Sociobiology, 2017, 71, 1.	0.6	78
15	Fiery frills: carotenoid-based coloration predicts contest success in frillneck lizards. Behavioral Ecology, 2013, 24, 1138-1149.	1.0	73
16	High sensitivity to short wavelengths in a lizard and implications for understanding the evolution of visual systems in lizards. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2891-2899.	1.2	70
17	A deepening understanding of animal culture suggests lessons for conservation. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202718.	1.2	65
18	Foraging modes of cordyliform lizards. South African Journal of Zoology, 1997, 32, 9-13.	0.5	61

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10	Is the behavioural divergence between range-core and range-edge populations of cane toads () Tj ETQq1 1 0.784	-314 rgBT	/Overlock 1
17	Science, 2017, 4, 170789.	1.1	00
20	Animals traded for traditional medicine at the Faraday market in South Africa: species diversity and conservation implications. Journal of Zoology, 2011, 284, 84-96.	0.8	59
21	Flat lizard female mimics use sexual deception in visual but not chemical signals. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1585-1591.	1.2	58
22	Age-dependent social learning in a lizard. Biology Letters, 2014, 10, 20140430.	1.0	58
23	Universal Optimization of Flight Initiation Distance and Habitat-Driven Variation in Escape Tactics in a Namibian Lizard Assemblage. Ethology, 2007, 113, 661-672.	0.5	57
24	Lizards and landscapes: integrating field surveys and interviews to assess the impact of human disturbance on lizard assemblages and selected reptiles in a savanna in South Africa. Biological Conservation, 2005, 122, 23-31.	1.9	52
25	Colour discrimination and associative learning in hatchling lizards incubated at â€~hot' and â€~cold' temperatures. Behavioral Ecology and Sociobiology, 2014, 68, 239-247.	0.6	52
26	Archipelagos of the Anthropocene: rapid and extensive differentiation of native terrestrial vertebrates in a single metropolis. Molecular Ecology, 2017, 26, 2466-2481.	2.0	52
27	Costs associated with tail autotomy in an ambush foraging lizard, <i>Cordylus melanotus melanotus</i> . African Zoology, 2003, 38, 57-65.	0.2	51
28	A picture of health? Animal use and the Faraday traditional medicine market, South Africa. Journal of Ethnopharmacology, 2016, 179, 265-273.	2.0	50
29	Learning outdoors: male lizards show flexible spatial learning under semi-natural conditions. Biology Letters, 2012, 8, 946-948.	1.0	49
30	Bats in riverine forests and woodlands: a latitudinal transect in southern Africa. Canadian Journal of Zoology, 1996, 74, 312-322.	0.4	48
31	Can behaviour explain invasion success? A comparison between sympatric invasive and native lizards. Animal Behaviour, 2019, 151, 195-202.	0.8	47
32	Foraging modes in lacertid lizards from southern Africa. Amphibia - Reptilia, 1999, 20, 299-311.	0.1	45
33	Shouting the odds: vocalization signals status in a lizard. Behavioral Ecology and Sociobiology, 2007, 61, 1169-1176.	0.6	41
34	Ambush and Active Foraging Modes Both Occur in the Scincid GenusMabuya. Copeia, 2000, 2000, 112-118.	1.4	38
35	Male dwarf chameleons assess risk of courting large, aggressive females. Biology Letters, 2005, 1, 231-234.	1.0	36
36	The golden mimicry complex uses a wide spectrum of defence to deter a community of predators. ELife, 2017, 6, .	2.8	36

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37	Behavioral and Morphological Traits Interact to Promote the Evolution of Alternative Reproductive Tactics in a Lizard. American Naturalist, 2013, 182, 726-742.	1.0	35
38	Ecology of the Common Barking Gecko (Ptenopus garrulus) in Southern Africa. Journal of Herpetology, 2005, 39, 509-515.	0.2	34
39	Early social environment influences the behaviour of a family-living lizard. Royal Society Open Science, 2017, 4, 161082.	1.1	34
40	Life on a limb: ecology of the tree agama (Acanthocercus a. atricollis) in southern Africa. Journal of Zoology, 2002, 257, 439-448.	0.8	33
41	Sociality in Lizards. , 2017, , 390-426.		33
42	Breeding biology and the evolution of dynamic sexual dichromatism in frogs. Journal of Evolutionary Biology, 2017, 30, 2104-2115.	0.8	33
43	Multiple mating in a lizard increases fecundity but provides no evidence for genetic benefits. Behavioral Ecology, 2013, 24, 1128-1137.	1.0	32
44	Facultative Frugivory in the Cape Flat Lizard, Platysaurus capensis (Sauria: Cordylidae). Copeia, 1997, 1997, 811.	1.4	31
45	Mate Familiarity Affects Pairing Behaviour in a Longâ€Term Monogamous Lizard: Evidence from Detailed Bioâ€Logging and a 31â€Year Field Study. Ethology, 2015, 121, 760-768.	0.5	31
46	Use of heterospecific cues by the lizard Platysaurus broadleyi for food location. Behavioral Ecology and Sociobiology, 1999, 45, 420-423.	0.6	30
47	Shifting sands and shifty lizards: molecular phylogeny and biogeography of African flat lizards (Platysaurus). Molecular Phylogenetics and Evolution, 2004, 31, 618-629.	1.2	30
48	Evidence for Concerted and Mosaic Brain Evolution in Dragon Lizards. Brain, Behavior and Evolution, 2017, 90, 211-223.	0.9	30
49	Male Preference for Large Females in the Lizard Platysaurus broadleyi. Journal of Herpetology, 1999, 33, 309.	0.2	29
50	Spatial Distribution of a Population of Texas Horned Lizards (Phrynosoma cornutum:) Tj ETQq0 0 0 rgBT /Overloo	:k 10 Tf 50) 222 Td (Phr 28
51	Simultaneous polyandry increases fertilization success in an African foam-nesting treefrog. Animal Behaviour, 2008, 76, 1157-1164.	0.8	28
52	Learning from others: an invasive lizard uses social information from both conspecifics and heterospecifics. Biology Letters, 2018, 14, 20180532.	1.0	28
53	Learning in nonâ€avian reptiles 40 years on: advances and promising new directions. Biological Reviews, 2021, 96, 331-356.	4.7	28

Activity Predicts Male Reproductive Success in a Polygynous Lizard. PLoS ONE, 2012, 7, e38856. 1.1

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55	A new <i>Platysaurus</i> (Squamata: Cordylidae) from the Northern Cape Province, South Africa. African Journal of Herpetology, 1997, 46, 124-136.	0.3	26

To run or hide? Age-dependent escape behaviour in the common flat lizard (Platysaurus intermedius) Tj ETQq0 0 0 r_{26}^{gBT} /Overlock 10 Tf

57	Maternal and additive genetic effects contribute to variation in offspring traits in a lizard. Behavioral Ecology, 2014, 25, 633-640.	1.0	26
58	Conservation status of the world's skinks (Scincidae): Taxonomic and geographic patterns in extinction risk. Biological Conservation, 2021, 257, 109101.	1.9	26
59	Bold New World: urbanization promotes an innate behavioral trait in a lizard. Behavioral Ecology and Sociobiology, 2019, 73, 1.	0.6	25
60	Spatial and Social Organization in a Burrow-Dwelling Lizard (Phrynocephalus vlangalii) from China. PLoS ONE, 2012, 7, e41130.	1.1	24
61	Feeding Ecology of the Concho Water Snake, Nerodia harteri paucimaculata. Journal of Herpetology, 1994, 28, 165.	0.2	23
62	Picking a tree: habitat use by the tree agama, <i>Acanthocercus atricollis atricollis</i> , in South Africa. African Zoology, 2003, 38, 273-278.	0.2	23
63	Polyandry in dragon lizards: inbred paternal genotypes sire fewer offspring. Ecology and Evolution, 2015, 5, 1686-1692.	0.8	22
64	Egernia lizards. Current Biology, 2015, 25, R593-R595.	1.8	22
65	A 3D MRIâ€based atlas of a lizard brain. Journal of Comparative Neurology, 2018, 526, 2511-2547	0.9	22
66	Influence of spatial environment on maze learning in an African mole-rat. Animal Cognition, 2012, 15, 797-806.	0.9	21
67	Does rock disturbance by superb lyrebirds (Menura novaehollandiae) influence habitat selection by juvenile snakes?. Austral Ecology, 2006, 31, 58-67.	0.7	20
68	Animals Traded for Traditional Medicine at the Faraday Market in South Africa: Species Diversity and Conservation Implications. , 2013, , 421-473.		20
69	Does social environment influence learning ability in a family-living lizard?. Animal Cognition, 2017, 20, 449-458.	0.9	20
70	Subproblem learning and reversal of a multidimensional visual cue in a lizard: evidence for behavioural flexibility?. Animal Behaviour, 2018, 144, 17-26.	0.8	20
71	Influence of alternate reproductive tactics and pre- and postcopulatory sexual selection on paternity and offspring performance in a lizard. Behavioral Ecology and Sociobiology, 2013, 67, 629-638.	0.6	19
72	Movement- and attack-based indices of foraging mode and ambush foraging in some gekkonid and agamine lizards from southern Africa. Amphibia - Reptilia, 1999, 20, 391-399.	0.1	18

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73	Selected Body Temperature and Thermoregulatory Behavior in the Sit-and-Wait Foraging Lizard Pseudocordylus melanotus melanotus. Herpetological Monographs, 2009, 23, 108-122.	1.1	18
74	Effects of simultaneous polyandry on offspring fitness in an African tree frog. Behavioral Ecology, 2011, 22, 385-391.	1.0	18
75	Context-specific response inhibition and differential impact of a learning bias in a lizard. Animal Cognition, 2019, 22, 317-329.	0.9	18
76	Lower temperature tolerance in the temperate, ambush foraging lizard Pseudocordylus melanotus melanotus melanotus. Journal of Thermal Biology, 2007, 32, 66-71.	1.1	17
77	Increased Metal Concentrations in Giant Sungazer Lizards (Smaug giganteus) from Mining Areas in South Africa. Archives of Environmental Contamination and Toxicology, 2012, 63, 574-585.	2.1	17
78	A multi-locus molecular phylogeny for Australia's iconic Jacky Dragon (Agamidae: Amphibolurus) Tj ETQq0 0 0 Molecular Phylogenetics and Evolution, 2014, 71, 149-156.	rgBT /Ove 1.2	erlock 10 Tf . 17
79	Influence of prior contest experience and level of escalation on contest outcome. Behavioral Ecology and Sociobiology, 2016, 70, 1679-1687.	0.6	17
80	The loneliness of the long-distance toad: invasion history and social attraction in cane toads () Tj ETQq0 0 0 rgBT	Qverlock	10 Tf 50 462
81	Street fighters: Bite force, injury rates, and density of urban Australian water dragons (<i>Intellagama lesueurii</i>). Austral Ecology, 2019, 44, 255-264.	0.7	17
82	Are ectotherm brains vulnerable to global warming?. Trends in Ecology and Evolution, 2021, 36, 691-699.	4.2	17
83	Sexual selection predicts brain structure in dragon lizards. Journal of Evolutionary Biology, 2017, 30, 244-256.	0.8	16
84	Behavioural divergence during biological invasions: a study of cane toads (<i>Rhinella marina</i>) from contrasting environments inÂHawai'i. Royal Society Open Science, 2018, 5, 180197.	1.1	16
85	Why blue tongue? A potential UV-based deimatic display in a lizard. Behavioral Ecology and Sociobiology, 2018, 72, 1.	0.6	16
86	Can Cognitive Ability Give Invasive Species the Means to Succeed? A Review of the Evidence. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	16
87	Spatial Ecology of the Concho Water Snake (Nerodia harteri paucimaculata) in a Large Lake System. Journal of Herpetology, 1997, 31, 327.	0.2	15
88	Islands in a sea of sand: use of Acacia trees by tree skinks in the Kalahari Desert. Journal of Arid Environments, 2000, 44, 373-381.	1.2	15
89	Dominance and social information use in a lizard. Animal Cognition, 2017, 20, 805-812.	0.9	15
90	AnimalTraits - a curated animal trait database for body mass, metabolic rate and brain size. Scientific Data, 2022, 9, .	2.4	15

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91	Effects of pregnancy on body temperature and locomotor performance of velvet geckos. Journal of Thermal Biology, 2017, 65, 64-68.	1.1	14
92	Getting ahead: exploitative competition by an invasive lizard. Behavioral Ecology and Sociobiology, 2020, 74, 1.	0.6	14
93	Investment in chemical signalling glands facilitates the evolution of sociality in lizards. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202438.	1.2	14
94	Sex, androgens, and whole-organism performance in an Australian lizard. Biological Journal of the Linnean Society, 2014, 111, 834-849.	0.7	13
95	Sex- and performance-based escape behaviour in an Asian agamid lizard, Phrynocephalus vlangalii. Behavioral Ecology and Sociobiology, 2014, 68, 2035-2042.	0.6	13
96	Learning ability is unaffected by isolation rearing in a family-living lizard. Behavioral Ecology and Sociobiology, 2018, 72, 1.	0.6	13
97	The driving forces behind female-female aggression and its fitness consequence in an Asian agamid lizard. Behavioral Ecology and Sociobiology, 2019, 73, 1.	0.6	13
98	Reproductive Ecology of the Concho Water Snake, Nerodia harteri paucimaculata. Copeia, 1999, 1999, 701.	1.4	12
99	Foraging Ecology of Rainbow Skinks (Mabuya margaritifer) in Southern Africa. Copeia, 2002, 2002, 943-957.	1.4	12
100	Male mate preference for large size overrides species recognition in allopatric flat lizards () Tj ETQq0 0 0 rgBT /C	verlock 10 0.4) Tf 50 382 Td 12
101	Chemosensory discrimination of social cues mediates space use in snakes, Cryptophis nigrescens (Elapidae). Animal Behaviour, 2013, 85, 1493-1500.	0.8	12
102	Sexual dimorphism in conspicuousness and ornamentation in the enigmatic leaf-nosed lizard <i>Ceratophora tennentii</i> from Sri Lanka. Biological Journal of the Linnean Society, 2015, 116, 614-625.	0.7	12
103	Interspecific aggression in flat lizards suggests poor species recognition. African Journal of Herpetology, 2000, 49, 139-146.	0.3	11
104	Evidence for Social Learning in a Family Living Lizard. Frontiers in Ecology and Evolution, 2018, 6, .	1.1	11
105	Testing domain general learning in an Australian lizard. Animal Cognition, 2018, 21, 595-602.	0.9	11
106	Runners and fighters: clutch effects and body size drive innate antipredator behaviour in hatchling lizards. Behavioral Ecology and Sociobiology, 2018, 72, 1.	0.6	11
107	Stable Social Grouping in Lizards. , 2019, , 321-339.		11
108	Population Dynamics of the Concho Water Snake in Rivers and Reservoirs. Copeia, 2008, 2008, 438-445.	1.4	10

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109	Ecology of Southern African Sandveld Lizards (Lacertidae, Nucras). Copeia, 2010, 2010, 568-577.	1.4	10
110	Are lizards capable of inhibitory control? Performance on a semi-transparent version of the cylinder task in five species of Australian skinks. Behavioral Ecology and Sociobiology, 2020, 74, 1.	0.6	10
111	Making Friends: Social Attraction in Larval Green and Golden Bell Frogs, Litoria aurea. PLoS ONE, 2013, 8, e56460.	1.1	10
112	Measuring snake activity patterns: The influence of habitat heterogeneity on catchability. Amphibia - Reptilia, 1996, 17, 47-54.	0.1	9
113	Does the Lizard Platysaurus Broadleyi Aggregate Because of Social Factors?. Journal of Herpetology, 2007, 41, 354-359.	0.2	9
114	At home with the birds: <scp>K</scp> alahari tree skinks associate with sociable weaver nests despite <scp>A</scp> frican pygmy falcon presence. Austral Ecology, 2014, 39, 839-847.	0.7	9
115	Territoriality in a snake. Behavioral Ecology and Sociobiology, 2015, 69, 1657-1661.	0.6	9
116	Precocial juvenile lizards show adult level learning and behavioural flexibility. Animal Behaviour, 2019, 154, 75-84.	0.8	9
117	Sex-dependent discrimination learning in lizards: A meta-analysis. Behavioural Processes, 2019, 164, 10-16.	0.5	9
118	Spontaneous quantity discrimination in a family-living lizard. Behavioral Ecology, 2021, 32, 686-694.	1.0	9
119	Australian lizards are outstanding models for reproductive biology research. Australian Journal of Zoology, 2021, 68, 168-199.	0.6	9
120	Effects of early thermal environment on the behavior and learning of a lizard with bimodal reproduction. Behavioral Ecology and Sociobiology, 2020, 74, 1.	0.6	8
121	Ecology of Wahlberg's velvet gecko,Homopholis wahlbergii, in southern Africa. African Zoology, 2007, 42, 38-44.	0.2	7
122	Ecology of Wahlberg's velvet gecko, Homopholis wahlbergii, in southern Africa. African Zoology, 2007, 42, 38-44.	0.2	7
123	Ecology of the Flap-Necked Chameleon Chamaeleo dilepis In Southern Africa. Breviora, 2012, 532, 1-18.	0.2	7
124	Geographic variation in aggressive signalling behaviour of the Jacky dragon. Behavioral Ecology and Sociobiology, 2015, 69, 1501-1510.	0.6	7
125	Isolation rearing does not constrain social plasticity in a family-living lizard. Behavioral Ecology, 2018, 29, 563-573.	1.0	7
126	Seeing red: pteridine-based colour and male quality in a dragon lizard. Biological Journal of the Linnean Society, 2018, 124, 677-689.	0.7	7

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127	Uncovering the function of an enigmatic display: antipredator behaviour in the iconic Australian frillneck lizard. Biological Journal of the Linnean Society, 2020, 129, 425-438.	0.7	7
128	Do lizards have enhanced inhibition? A test in two species differing in ecology and sociobiology. Behavioural Processes, 2020, 172, 104043.	0.5	7
129	Invasive chameleons released from predation display more conspicuous colors. Science Advances, 2022, 8, eabn2415.	4.7	7
130	A new species of spectacularly coloured flat lizard Platysaurus (Squamata: Cordylidae: Platysaurinae) from southern Africa. Zootaxa, 2015, 3986, 173-92.	0.2	6
131	Building student employability through interdisciplinary collaboration: an Australian Case Study. College and Undergraduate Libraries, 2019, 26, 234-251.	0.4	6

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145	Sperm Storage in a Family-Living Lizard, the Tree Skink (Egernia striolata). Journal of Heredity, 2021, 112, 526-534.	1.0	4
146	Behavioral Ecology of Aggressive Behavior in Lizards. , 2019, , 289-319.		4
147	Tasty figs and tasteless flies: plant chemical discrimination but no prey chemical discrimination in the cordylid lizard Platysaurus broadleyi. Acta Ethologica, 2003, 6, 13-17.	0.4	3
148	Effects of rearing environment and population origin on responses to repeated behavioural trials in cane toads (Rhinella marina). Behavioural Processes, 2018, 153, 40-46.	0.5	3
149	Learning simple and compound stimuli in a social lizard (Egernia stokesii) Journal of Comparative Psychology (Washington, D C: 1983), 2021, 135, 208-218.	0.3	3
150	Do male barking geckos (<i>Ptenopus garrulus garrulus</i>) avoid refuges scented by other males?. African Journal of Herpetology, 2005, 54, 191-194.	0.3	2
151	Male flat lizards prefer females with novel scents. African Zoology, 2007, 42, 91-96.	0.2	2
152	Lizards $\hat{a} \in$ '' Measuring Cognition: Practical Challenges and the Influence of Ecology and Social Behaviour. , 0, , 266-285.		2
153	Social and spatial patterns of two Afromontane crag lizards (Pseudocordylus spp.) in the Malotiâ€Drakensberg Mountains, South Africa. Austral Ecology, 2021, 46, 847-859.	0.7	2
154	Behavioral Thermoregulation by Mothers Protects Offspring from Global Warming but at a Cost. Physiological and Biochemical Zoology, 2021, 94, 302-318.	0.6	2
155	109 Sperm cryopreservation in Eulamprus quoyii (Eastern water skink). Reproduction, Fertility and Development, 2019, 31, 180.	0.1	2
156	Characterisation and cross-amplification of sex-specific genetic markers in Australasian Egerniinae lizards and their implications for understanding the evolution of sex determination and social complexity. Australian Journal of Zoology, 2022, 69, 33-40.	0.6	2
157	<i>African Journal of Herpetology</i> and the future of African herpetology. African Journal of Herpetology, 1998, 47, 1-2.	0.3	1
158	Sexual selection on performance traits in an Australian lizard with alternative reproductive tactics. Journal of Evolutionary Biology, 2021, 34, 451-464.	0.8	1
159	Partitioned parturition: Birthing asynchrony in cordylid lizards. Journal of Zoology, 2022, 316, 263-270.	0.8	1
160	ECOLOGY: Reflections on Lizard Diversity. Science, 2003, 302, 230-231.	6.0	0
161	Habitat disturbance, not predation, is all that is required to influence habitat choice in juvenile snakes: A rejoinder to Lill. Austral Ecology, 2006, 31, 905-906.	0.7	0
162	Male flat lizards prefer females with novel scents. African Zoology, 2007, 42, 91-96.	0.2	0

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163	One Species at a Time: Cataloguing the Natural History of the Global Lizard Fauna. Trends in Ecology and Evolution, 2021, 36, 473-474.	4.2	0
164	Professor Barry Sinervo (1960–2021). Trends in Ecology and Evolution, 2021, 36, 763-765.	4.2	0
165	Health Markers. , 2016, , 1-4.		Ο
166	A new protocol for investigating visual two-choice discrimination learning in lizards. Animal Cognition, 2022, , 1.	0.9	0
167	Socioecology of the Australian Tree Skink (Egernia striolata). Frontiers in Ecology and Evolution, 2021, 9, .	1.1	0