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148	Adaptation of the master antioxidant response connects metabolism, lifespan and feather development pathways in birds. 2020 , 11, 2476		15
147	Functional morphology of the jaw adductor muscles in the Canidae. 2020 , 303, 2878-2903		5
146	Phylogenetic Character Reconstruction. 2020 , 17-28		1
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139	Historical biogeography and multi-trait evolution in miniature toadlets of the genus <i>Brachycephalus</i> (Anura: Brachycephalidae). 2020 , 129, 664-686		9

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125	Mammalian intestinal allometry, phylogeny, trophic level and climate. 2021 , 288, 20202888		2
124	The role of developmental rate, body size, and positional behavior in the evolution of covariation and evolvability in the cranium of strepsirrhines and catarrhines. 2021 , 151, 102941		1
123	Pollen sterols are associated with phylogeny and environment but not with pollinator guilds. 2021 , 230, 1169-1184		8
122	Spatial proximity between polyploids across South American frog genera. 2021 , 48, 991-1000		2
121	Historical, allometric and ecological effects on the shape of the lumbar vertebrae of spiny rats (Rodentia: Echimyidae). 2021 , 132, 789-810		1

120	Developmental and biophysical determinants of grass leaf size worldwide. 2021 , 592, 242-247		12
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117	Morphology of migration: Associations between wing, and bill morphology and migration in kingbirds (<i>Tyrannus</i>).		
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113	Visibility and attractiveness of <i>Fritillaria</i> (Liliaceae) flowers to potential pollinators. 2021 , 11, 11006		2
112	Shifts in eggshell thickness are related to changes in locomotor ecology in dinosaurs. <i>Evolution; International Journal of Organic Evolution</i> , 2021 , 75, 1415-1430	3.8	2
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104	Extirpated prairie species demonstrate more variable phenological responses to warming than extant congeners. 2021 , 108, 958-970		1
103	Comparative phylogenetic analysis of milk output at peak lactation. 2021 , 257, 110976		1

102	Extragroup paternity in gelada monkeys, <i>Theropithecus gelada</i> , at Guassa, Ethiopia and a comparison with other primates. 2021 , 177, 277-301		0
101	The evolution of darker wings in seabirds in relation to temperature-dependent flight efficiency. 2021 , 18, 20210236		0
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99	Evolutionary history of quadrupedal walking gaits shows mammalian release from locomotor constraint. 2021 , 288, 20210937		2
98	Accuracy of multiple sequence alignment methods in the reconstruction of transposable element families.		1
97	Large-scale evolution of body temperatures in land vertebrates. 2021 , 5, 484-494		4
96	Ecologically driven selection of nonstructural carbohydrate storage in oak trees. 2021 , 232, 567-578		1
95	Whiptail lizard lineage delimitation and population expansion as windows into the history of Amazonian open ecosystems. 1-19		
94	Sexual Dichromatism Is Decoupled from Diversification over Deep Time in Fishes. <i>American Naturalist</i> , 2021 , 198, 232-252	3.7	2
93	Unearthing modes of climatic adaptation in underground storage organs across Liliales.		0
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89	Quantifying morphological adaptations using direct measurements: The carnivoran appendicular skeleton as a case study. 2021 , 304, 480-506		3
88	New uses for old phylogenies. 2004 , 3-14		6
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83	Three-dimensional dental topography and feeding ecology in the extinct cave bear. 2020 , 16, 20200792		2
82	Darwin's vexing contrivance: a new hypothesis for why some flowers have two kinds of anther. 2020 , 287, 20202593		6
81	Beyond Brownian motion and the Ornstein-Uhlenbeck process: Stochastic diffusion models for the evolution of quantitative characters.		3
80	Phylogenetic analyses reveal an increase in the speciation rate of raphid pennate diatoms in the Cretaceous.		2
79	Pollen sterols are associated with phylogenetics and environment but not with pollinators.		0
78	On the effect of asymmetrical trait inheritance on models of trait evolution.		1
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