

Methods for Studying Morphological Integration and M

The Paleontological Society Papers

16, 213-243

DOI: [10.1017/s1089332600001881](https://doi.org/10.1017/s1089332600001881)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Phylogenetic signal, function and integration in the subunits of the carnivoran mandible. <i>Evolutionary Biology</i> , 2011, 38, 465-475.	1.1	40
2	Exploration of the Genetic Organization of Morphological Modularity on the Mouse Mandible Using a Set of Interspecific Recombinant Congenic Strains Between C57BL/6 and Mice of the <i>Mus spretus</i> Species. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 1257-1268.	1.8	30
3	Two-module organization of the mandible in the yellow-necked mouse: a comparison between two different morphometric approaches. <i>Journal of Evolutionary Biology</i> , 2012, 25, 2489-2500.	1.7	28
4	Functional constraints on tooth morphology in carnivorous mammals. <i>BMC Evolutionary Biology</i> , 2012, 12, 146.	3.2	33
5	Shape, variance and integration during craniogenesis: contrasting marsupial and placental mammals. <i>Journal of Evolutionary Biology</i> , 2012, 25, 862-872.	1.7	52
6	Covariation Between Midline Cranial Base, Lateral Basicranium, and Face in Modern Humans and Chimpanzees: A 3D Geometric Morphometric Analysis. <i>Anatomical Record</i> , 2013, 296, 568-579.	1.4	26
7	Ontogenetic and stratigraphic influence on observed phenotypic integration in the limb skeleton of a fossil tetrapod. <i>Paleobiology</i> , 2013, 39, 123-134.	2.0	12
8	Facial Orientation and Facial Shape in Extant Great Apes: A Geometric Morphometric Analysis of Covariation. <i>PLoS ONE</i> , 2013, 8, e57026.	2.5	10
9	AR WOW - VIDEO ARTICLES. <i>Anatomical Record</i> , 2014, 297, 798-798.	1.4	0
10	New insights into the phenotypic covariance structure of the anthropoid cranium. <i>Journal of Anatomy</i> , 2014, 225, 634-658.	1.5	4
11	Assessment of modularity in the urodele skull: An exploratory analysis using ossification sequence data. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2014, 322, 567-585.	1.3	16
12	Cranial Suture Closure Patterns in Sciuridae: Heterochrony and Modularity. <i>Journal of Mammalian Evolution</i> , 2014, 21, 257-268.	1.8	14
13	Interrelationships Between Bones, Muscles, and Performance: Biting in the Lizard <i>Tupinambis merianae</i> . <i>Evolutionary Biology</i> , 2014, 41, 518-527.	1.1	20
14	The fossil record of phenotypic integration and modularity: A deep-time perspective on developmental and evolutionary dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4891-4896.	7.1	69
15	Evaluating modularity in morphometric data: challenges with the RV coefficient and a new test measure. <i>Methods in Ecology and Evolution</i> , 2016, 7, 565-572.	5.2	196
16	PATTERNS AND PROCESSES IN MORPHOSPACE: GEOMETRIC MORPHOMETRICS OF THREE-DIMENSIONAL OBJECTS. <i>The Paleontological Society Papers</i> , 2016, 22, 71-99.	0.6	20
17	On the comparison of the strength of morphological integration across morphometric datasets. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2623-2631.	2.3	133
18	Are sympatrically speciating Midas cichlid fish special? Patterns of morphological and genetic variation in the closely related species <i>Archocentrus centrarchus</i> . <i>Ecology and Evolution</i> , 2016, 6, 4102-4114.	1.9	21

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19	Out on a limb: bandicoot limb co-variation suggests complex impacts of development and adaptation on marsupial forelimb evolution. <i>Evolution & Development</i> , 2017, 19, 69-84.	2.0	19
20	Unravelling intravertebral integration, modularity and disparity in Felidae (Mammalia). <i>Evolution & Development</i> , 2017, 19, 85-95.	2.0	44
21	Foot shape in arboreal birds: two morphological patterns for the same pincer-like tool. <i>Journal of Anatomy</i> , 2017, 231, 1-11.	1.5	22
22	Morphological Integration and Alternative Life History Strategies: A Case Study in a Facultatively Paedomorphic Newt. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2017, 328, 737-748.	1.3	5
23	Phenotypic integration and the evolution of signal repertoires: A case study of treefrog acoustic communication. <i>Ecology and Evolution</i> , 2018, 8, 3410-3429.	1.9	9
24	Swimmers, Diggers, Climbers and More, a Study of Integration Across the Mustelids' Locomotor Apparatus (Carnivora: Mustelidae). <i>Evolutionary Biology</i> , 2018, 45, 182-195.	1.1	28
25	Adaptation and constraint in the evolution of the mammalian backbone. <i>BMC Evolutionary Biology</i> , 2018, 18, 172.	3.2	56
26	The modular organization of roe deer (<i>Capreolus capreolus</i>) body during ontogeny: the effects of sex and habitat. <i>Frontiers in Zoology</i> , 2018, 15, 37.	2.0	2
27	A Penalized Likelihood Framework for High-Dimensional Phylogenetic Comparative Methods and an Application to New-World Monkeys Brain Evolution. <i>Systematic Biology</i> , 2019, 68, 93-116.	5.6	80
28	Morphological integration affects the evolution of midline cranial base, lateral basicranium, and face across primates. <i>American Journal of Physical Anthropology</i> , 2019, 170, 37-47.	2.1	13
29	Comparing the strength of modular signal, and evaluating alternative modular hypotheses, using covariance ratio effect sizes with morphometric data. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 2352-2367.	2.3	68
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32	Dental integration and modularity in pinnipeds. <i>Scientific Reports</i> , 2019, 9, 4184.	3.3	4
33	Spandrels and trait delimitation: No such thing as 'architectural constraint'. <i>Evolution & Development</i> , 2019, 21, 59-71.	2.0	15
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35	Integration and Modularity in Procrustes Shape Data: Is There a Risk of Spurious Results?. <i>Evolutionary Biology</i> , 2019, 46, 90-105.	1.1	50
36	Changing Modular Patterns in the Carnivoran Pelvic Girdle. <i>Journal of Mammalian Evolution</i> , 2020, 27, 237-243.	1.8	8

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37	A first glimpse at the influence of body mass in the morphological integration of the limb long bones: an investigation in modern rhinoceroses. <i>Journal of Anatomy</i> , 2020, 237, 704-726.	1.5	11
38	Cranial integration in the fire salamander, <i>Salamandra salamandra</i> (Caudata: Salamandridae). <i>Biological Journal of the Linnean Society</i> , 2020, 130, 178-194.	1.6	13
39	Copulatory function and development shape modular architecture of genitalia differently in males and females. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1048-1062.	2.3	7
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41	Morphological integration and modularity in the hyperkinetic feeding system of aquatic foraging snakes. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 56-72.	2.3	32
42	Carnivorous mammals from the middle Eocene Washakie Formation, Wyoming, USA, and their diversity trajectory in a post-warming world. <i>Journal of Paleontology</i> , 2021, 95, 1-115.	0.8	7
43	Sensory adaptations reshaped intrinsic factors underlying morphological diversification in bats. <i>BMC Biology</i> , 2021, 19, 88.	3.8	19
44	Correlation structure of the cheek teeth enamel crown patterns in the genus <i>Equus</i> (Mammalia: TJ ETQq1 1 0.784314 rgBT /Overlock 1 0.4 1 2021, 20, 70-81.	0.4	1
45	Three-dimensional visualization of the human membranous labyrinth: The membrana limitans and its role in vestibular form. <i>Anatomical Record</i> , 2022, 305, 1037-1050.	1.4	11
47	Modularity patterns in mammalian domestication: Assessing developmental hypotheses for diversification. <i>Evolution Letters</i> , 2021, 5, 385-396.	3.3	16
48	Patterns of skeletal integration in birds reveal that adaptation of element shapes enables coordinated evolution between anatomical modules. <i>Nature Ecology and Evolution</i> , 2021, 5, 1250-1258.	7.8	22
49	Humans and climate as possible drivers of the morphology and function of the mandible of <i>Suncus etruscus</i> in Corsica. <i>Journal of Archaeological Science</i> , 2021, 132, 105434.	2.4	1
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55	Long bone shape variation in the forelimb of Rhinocerotidae: relation with size, body mass and body proportions. <i>Zoological Journal of the Linnean Society</i> , 2022, 196, 1201-1234.	2.3	2
56	Statistics of eigenvalue dispersion indices: Quantifying the magnitude of phenotypic integration. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 4-28.	2.3	13

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58	Estimation of the congruence between morphogenetic and molecular-genetic modules of gray voles <i>Microtus S.L.</i> variability along a climatic gradient. <i>Ecological Genetics</i> , 2019, 17, 21-34.	0.5	5
59	On Information Rank Deficiency in Phenotypic Covariance Matrices. <i>Systematic Biology</i> , 2022, 71, 810-822.	5.6	5
63	Fighting does not influence the morphological integration of crustacean claws (Decapoda: Aeglidae). <i>Biological Journal of the Linnean Society</i> , 2022, 136, 173-186.	1.6	7
64	Fluctuating Asymmetry and Morphogenetic Correlations of the Masticatory Surface Patterns of m1 in Gray Voles (Rodentia, Arvicolinae). <i>Biology Bulletin</i> , 2021, 48, 1609-1622.	0.5	2
65	Using 3D Models to Understand the Changing Role of Fluting in Paleoindian Point Technology from Clovis to Dalton. <i>American Antiquity</i> , 2022, 87, 544-566.	1.1	6
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71	New rodents shed light on the age and ecology of late Miocene ape locality of Tapar (Gujarat, India). <i>Journal of Systematic Palaeontology</i> , 2022, 20, .	1.5	3
72	Comparative morpho-functional analysis of the humerus and ulna in three Western European moles species of the genus <i>Talpa</i> , including the newly described <i>T. aquitania</i> . <i>Journal of Anatomy</i> , 2023, 242, 257-276.	1.5	3
73	Darter fishes exhibit variable intraspecific head shape allometry and modularity. <i>Anatomical Record</i> , 0, , .	1.4	0
74	Unraveling the morphological patterns of a subantarctic eelpout: a geometric morphometric approach. <i>Integrative Zoology</i> , 2023, 18, 372-384.	2.6	3
75	Evolutionary integration and modularity in the diversity of the suckermouth armoured catfishes. <i>Royal Society Open Science</i> , 2022, 9, .	2.4	4
77	Cranial integration and modularity in chamois: The effects of subspecies and sex. <i>Journal of Mammalian Evolution</i> , 0, , .	1.8	0
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80	From color to shape: ontogenetic shifts in traits of the freshwater crab <i>Dilocarcinus pagei</i> (Brachyura: Trichodactylidae). Canadian Journal of Zoology, 2023, 101, 658-671.	1.0	2
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83	Modularity and community detection in human brain morphology. Anatomical Record, 0, , .	1.4	0
84	Skull modularity of the European ground squirrel <i>Spermophilus citellus</i> (Linnaeus, 1766). , 2014, 57, 59-67.		1
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87	The impact of the land-to-sea transition on evolutionary integration and modularity of the pinniped backbone. Communications Biology, 2023, 6, .	4.4	0
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