

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.	0.5	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.	0.8	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.	0.8	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.	0.8	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.	0.8	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.	1.3	12
8	Facial Orientation and Facial Shape in Extant Great Apes: A Geometric Morphometric Analysis of Covariation. <i>PLoS ONE</i> , 2013, 8, e57026.	1.1	10
9	AR WOW - VIDEO ARTICLES. <i>Anatomical Record</i> , 2014, 297, 798-798.	0.8	0
10	New insights into the phenotypic covariance structure of the anthropoid cranium. <i>Journal of Anatomy</i> , 2014, 225, 634-658.	0.9	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.	0.6	16
12	Cranial Suture Closure Patterns in Sciuridae: Heterochrony and Modularity. <i>Journal of Mammalian Evolution</i> , 2014, 21, 257-268.	1.0	14
13	Interrelationships Between Bones, Muscles, and Performance: Biting in the Lizard <i>Tupinambis merrianae</i> . <i>Evolutionary Biology</i> , 2014, 41, 518-527.	0.5	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.	3.3	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.	2.2	196
16	PATTERNS AND PROCESSES IN MORPHOSPACE: GEOMETRIC MORPHOMETRICS OF THREE-DIMENSIONAL OBJECTS. <i>The Paleontological Society Papers</i> , 2016, 22, 71-99.	0.8	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.	1.1	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.	0.8	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.	1.1	19
20	Unravelling intravertebral integration, modularity and disparity in Felidae (Mammalia). <i>Evolution & Development</i> , 2017, 19, 85-95.	1.1	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.	0.9	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.	0.6	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.	0.8	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.	0.5	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.	0.9	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.	2.7	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.	1.1	68
30	Morphological evolution and modularity of the caecilian skull. <i>BMC Evolutionary Biology</i> , 2019, 19, 30.	3.2	69
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32	Dental integration and modularity in pinnipeds. <i>Scientific Reports</i> , 2019, 9, 4184.	1.6	4
33	Spandrels and trait delimitation: No such thing as 'œarchitectural constraint'€. <i>Evolution & Development</i> , 2019, 21, 59-71.	1.1	15
34	Morphological integration and evolution of the skull roof in temnospondyl amphibians. <i>Journal of Iberian Geology</i> , 2019, 45, 341-351.	0.7	2
35	Integration and Modularity in Procrustes Shape Data: Is There a Risk of Spurious Results?. <i>Evolutionary Biology</i> , 2019, 46, 90-105.	0.5	50
36	Changing Modular Patterns in the Carnivoran Pelvic Girdle. <i>Journal of Mammalian Evolution</i> , 2020, 27, 237-243.	1.0	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.	0.9	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.	0.7	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.	1.1	7
40	Phylogenetically aligned component analysis. <i>Methods in Ecology and Evolution</i> , 2021, 12, 359-372.	2.2	32
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.	1.1	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.	0.5	7
43	Sensory adaptations reshaped intrinsic factors underlying morphological diversification in bats. <i>BMC Biology</i> , 2021, 19, 88.	1.7	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 2021, 20, 70-81.	0.5	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.	0.8	11
47	Modularity patterns in mammalian domestication: Assessing developmental hypotheses for diversification. <i>Evolution Letters</i> , 2021, 5, 385-396.	1.6	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.	3.4	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.	1.2	1
50	Patterns of Trophic Evolution: Integration and Modularity of the Cichlid Skull. , 2021, , 753-777.		4
51	Modularity and heterochrony in the evolution of the ceratopsian dinosaur frill. <i>Ecology and Evolution</i> , 2020, 10, 6288-6309.	0.8	9
52	Resampling-Based Approaches to Study Variation in Morphological Modularity. <i>PLoS ONE</i> , 2013, 8, e69376.	1.1	37
53	Lineage-Specific Responses of Tooth Shape in Murine Rodents (Murinae, Rodentia) to Late Miocene Dietary Change in the Siwaliks of Pakistan. <i>PLoS ONE</i> , 2013, 8, e76070.	1.1	23
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.	1.0	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.	1.1	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.	0.1	5
59	On Information Rank Deficiency in Phenotypic Covariance Matrices. <i>Systematic Biology</i> , 2022, 71, 810-822.	2.7	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.	0.7	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.	0.1	2
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67	Incongruences between morphology and molecular phylogeny provide an insight into the diversification of the <i>Crociodura poensis</i> species complex. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
68	Weapon shape variation of male morphotypes in two freshwater prawn species genus <i>Macrobrachium</i> (Decapoda: Palaemonidae). <i>Animal Biology</i> , 2022, 72, 289-308.	0.6	4
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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, .	0.6	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.	0.9	3
73	Darter fishes exhibit variable intraspecific head shape allometry and modularity. <i>Anatomical Record</i> , 0, , .	0.8	0
74	Unraveling the morphological patterns of a subantarctic eelpout: a geometric morphometric approach. <i>Integrative Zoology</i> , 2023, 18, 372-384.	1.3	3
75	Evolutionary integration and modularity in the diversity of the suckermouth armoured catfishes. <i>Royal Society Open Science</i> , 2022, 9, .	1.1	4
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