

Dinosaur egg colour had a single evolutionary origin

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Reply to: Egg pigmentation probably has an Archosaurian origin. <i>Nature</i> , 2019, 570, E46-E50.	13.7	5
2	Egg pigmentation probably has an early Archosaurian origin. <i>Nature</i> , 2019, 570, E43-E45.	13.7	5
3	An Early Cretaceous enantiornithine (Aves) preserving an unlaidd egg and probable medullary bone. <i>Nature Communications</i> , 2019, 10, 1275.	5.8	28
4	Unscrambling variation in avian eggshell colour and patterning in a continent-wide study. <i>Royal Society Open Science</i> , 2019, 6, 181269.	1.1	3
5	Association Between the Methylation Statuses at CpG Sites in the Promoter Region of the <i>SLCO1B3</i> , RNA Expression and Color Change in Blue Eggshells in Lushi Chickens. <i>Frontiers in Genetics</i> , 2019, 10, 161.	1.1	16
6	The chemical basis of a signal of individual identity: shell pigment concentrations track the unique appearance of Common Murre eggs. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190115.	1.5	10
8	Correlated evolution of nest and egg characteristics in birds. <i>Animal Behaviour</i> , 2019, 158, 211-225.	0.8	33
9	Recent advances in amniote palaeocolour reconstruction and a framework for future research. <i>Biological Reviews</i> , 2020, 95, 22-50.	4.7	24
10	Comparative crystallography suggests maniraptoran theropod affinities for latest Cretaceous European "geckoid" eggshell. <i>Papers in Palaeontology</i> , 2020, 6, 265-292.	0.7	21
11	Raman Spectroscopy Detects Amorphous Carbon in an Enigmatic Egg From the Upper Cretaceous Wido Volcanics of South Korea. <i>Frontiers in Earth Science</i> , 2020, 7, .	0.8	15
12	Spatial variation in egg polymorphism among cuckoo hosts across 4 continents. <i>Environmental Epigenetics</i> , 2020, 66, 477-483.	0.9	7
13	Phylogenetic and physiological signals in metazoan fossil biomolecules. <i>Science Advances</i> , 2020, 6, eaba6883.	4.7	31
14	Sequential Molt in a Feathered Dinosaur and Implications for Early Paravian Ecology and Locomotion. <i>Current Biology</i> , 2020, 30, 3633-3638.e2.	1.8	18
15	Indian Late Cretaceous Dinosaur Nesting Sites and Their Systematic Studies. <i>Topics in Geobiology</i> , 2020, , 117-205.	0.6	10
16	Reconstructing Vertebrate Paleocolor. <i>Annual Review of Earth and Planetary Sciences</i> , 2020, 48, 345-375.	4.6	15
17	The first dinosaur egg was soft. <i>Nature</i> , 2020, 583, 406-410.	13.7	51
18	DISTINGUISHING REGURGITALITES AND COPROLITES: A CASE STUDY USING A TRIASSIC BROMALITE WITH SOFT TISSUE OF THE PSEUDOSUCHIAN ARCHOSAUR REVUELTOSAURUS. <i>Palaios</i> , 2020, 35, 111-121.	0.6	22
19	Eggshell Biliverdin as an Antioxidant Maternal Effect. <i>BioEssays</i> , 2020, 42, e2000010.	1.2	11

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20	Evidence of proteins, chromosomes and chemical markers of DNA in exceptionally preserved dinosaur cartilage. <i>National Science Review</i> , 2020, 7, 815-822.	4.6	27
21	Chemical signatures of soft tissues distinguish between vertebrates and invertebrates from the Carboniferous Mazon Creek Lagerstätte of Illinois. <i>Geobiology</i> , 2020, 18, 560-565.	1.1	25
22	Morphological research on amniote eggs and embryos: An introduction and historical retrospective. <i>Journal of Morphology</i> , 2021, 282, 1024-1046.	0.6	11
23	Pushing Raman spectroscopy over the edge: purported signatures of organic molecules in fossil animals are instrumental artefacts. <i>BioEssays</i> , 2021, 43, e2000295.	1.2	23
25	Avian Coloration Genetics: Recent Advances and Emerging Questions. <i>Journal of Heredity</i> , 2021, 112, 395-416.	1.0	39
26	Fossil eggshells of amniotes as a paleothermometry tool. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 571, 110376.	1.0	12
27	Hard evidence from soft fossil eggs. <i>Nature</i> , 2020, 583, 365-366.	13.7	1
29	Individuality in Egg Colouration of Black-Headed Gulls <i>Chroicocephalus ridibundus</i> across the Years Confirmed through DNA Analyses. <i>Ardea</i> , 2020, 108, 83.	0.3	3
30	Cretaceous dinosaur bone contains recent organic material and provides an environment conducive to microbial communities. <i>ELife</i> , 2019, 8, .	2.8	38
31	Dinosaur paleohistology: review, trends and new avenues of investigation. <i>PeerJ</i> , 2019, 7, e7764.	0.9	22
33	Evolution of birds. , 2022, , 83-107.		0
34	Putative fossil blood cells reinterpreted as diagenetic structures. <i>PeerJ</i> , 2021, 9, e12651.	0.9	1
35	Raman spectroscopy is a powerful tool in molecular paleobiology: An analytical response to Alleon et Al. (https://doi.org/10.1002/bies.202000295). <i>BioEssays</i> , 2022, 44, e2100070.	1.2	8
36	An exquisitely preserved in-ovo theropod dinosaur embryo sheds light on avian-like prehatching postures. <i>IScience</i> , 2022, 25, 103516.	1.9	17
37	Deep Time Paleoproteomics: Looking Forward. <i>Journal of Proteome Research</i> , 2022, 21, 9-19.	1.8	12
43	Eggs, Nests, and Reproductive Biology of Sauropodomorph Dinosaurs from South America. <i>Springer Earth System Sciences</i> , 2022, , 393-441.	0.1	3
44	Chemistry and Analysis of Organic Compounds in Dinosaurs. <i>Biology</i> , 2022, 11, 670.	1.3	11
45	The reproductive biology of oviraptorosaurs: a synthesis. <i>Geological Society Special Publication</i> , 2022, 521, 19-34.	0.8	3

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47	Fossil biomolecules reveal an avian metabolism in the ancestral dinosaur. <i>Nature</i> , 2022, 606, 522-526.	13.7	30
48	Apatite in <i>Hamipterus tianshanensis</i> eggshell: advances in understanding the structure of pterosaur eggs by Raman spectroscopy. <i>Heritage Science</i> , 2022, 10, .	1.0	3
49	Detection of porphyrins in vertebrate fossils from the Messel and implications for organic preservation in the fossil record. <i>PLoS ONE</i> , 2022, 17, e0269568.	1.1	2
50	Raman Spectra and Ancient Life: Vibrational ID Profiles of Fossilized (Bone) Tissues. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10689.	1.8	6
51	A new molecular mechanism supports that blue-greenish egg color evolved independently across chicken breeds. <i>Poultry Science</i> , 2022, 101, 102223.	1.5	3
52	Bird eggs. <i>Current Biology</i> , 2022, 32, R1126-R1132.	1.8	1
53	Coloniality and development impact intraclutch consistency of avian eggs: a comparative analysis of the individual repeatability of eggshell size and shape metrics. <i>Die Naturwissenschaften</i> , 2023, 110, .	0.6	0
54	Evidence for heterothermic endothermy and reptile-like eggshell mineralization in <i>Troodon</i> , a non-avian maniraptoran theropod. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	4
62	Origin and Evolution of Birds. <i>Fascinating Life Sciences</i> , 2023, , 1-154.	0.5	0