

# Daniel G Blackburn

## List of Publications by Year in descending order

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53  
papers

1,907  
citations

304602

22  
h-index

265120

42  
g-index

53  
all docs

53  
docs citations

53  
times ranked

999  
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergent Evolution of Viviparity, Matrotrophy, and Specializations for Fetal Nutrition in Reptiles and Other Vertebrates. <i>American Zoologist</i> , 1992, 32, 313-321.	0.7	260
2	Evolution of vertebrate viviparity and specializations for fetal nutrition: A quantitative and qualitative analysis. <i>Journal of Morphology</i> , 2015, 276, 961-990.	0.6	225
3	Saltationist and punctuated equilibrium models for the evolution of viviparity and placentation. <i>Journal of Theoretical Biology</i> , 1995, 174, 199-216.	0.8	134
4	Evolutionary Origins of Viviparity in the Reptilia. II. Serpentes, Amphisbaenia, and Ichthyosauria. <i>Amphibia - Reptilia</i> , 1985, 6, 259-291.	0.1	126
5	The origins of lactation and the evolution of milk: a review with new hypotheses. <i>Mammal Review</i> , 1989, 19, 1-26.	2.2	69
6	Reproduction in the lizard <i>Mabuya heathi</i> (Scincidae): a commentary on viviparity in new world <i>Mabuya</i> . <i>Canadian Journal of Zoology</i> , 1983, 61, 2798-2806.	0.4	67
7	Evolution of viviparity in squamate reptiles: Reversibility reconsidered. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2015, 324, 473-486.	0.6	66
8	Histology of the late-stage placentae in the matrotrophic skink <i>Chalcides chalcides</i> (Lacertilia). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462</i>	0.6	63
9	Morphogenesis of placental membranes in the viviparous, placentotrophic lizard <i>Chalcides chalcides</i> (Squamata: Scincidae)., 1997, 232, 35-55.		62
10	Specializations of the chorioallantoic placenta in the Brazilian scincid lizard, <i>Mabuya heathi</i> : A new placental morphotype for reptiles. <i>Journal of Morphology</i> , 2002, 254, 121-131.	0.6	59
11	Morphology, development, and evolution of fetal membranes and placentation in squamate reptiles. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009, 312B, 579-589.	0.6	50
12	Lactation: Historical Patterns and Potential for Manipulation. <i>Journal of Dairy Science</i> , 1993, 76, 3195-3212.	1.4	48
13	Invasive implantation and intimate placental associations in a placentotrophic african lizard, <i>Trachylepis ivensi</i> (scincidae). <i>Journal of Morphology</i> , 2012, 273, 137-159.	0.6	45
14	Histology of the extraembryonic membranes of an oviparous snake: Towards a reconstruction of basal squamate patterns. <i>The Journal of Experimental Zoology</i> , 2003, 299A, 48-58.	1.4	39
15	Evolutionary origins of the mammary gland. <i>Mammal Review</i> , 1991, 21, 81-96.	2.2	35
16	Placentation in garter snakes. II. Transmission EM of the chorioallantoic placenta of <i>Thamnophis radix</i> and <i>T. sirtalis</i> . <i>Journal of Morphology</i> , 2003, 256, 171-186.	0.6	35
17	Placentation in garter snakes: Scanning EM of the placental membranes of <i>Thamnophis ordinoides</i> and <i>T. sirtalis</i> . <i>Journal of Morphology</i> , 2002, 252, 263-275.	0.6	34
18	Placentation in garter snakes. III. Transmission EM of the omphalallantoic placenta of <i>Thamnophis radix</i> and <i>T. sirtalis</i> . <i>Journal of Morphology</i> , 2003, 256, 187-204.	0.6	34

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19	Placental specializations of the mountain spiny lizard <i>Sceloporus jarrovi</i> . Journal of Morphology, 2010, 271, 1153-1175.	0.6	33
20	Reconstructing the Evolution of Viviparity and Placentation. Journal of Theoretical Biology, 1998, 192, 183-190.	0.8	28
21	Viviparous placentotrophy in reptiles and the parent-offspring conflict. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2015, 324, 532-548.	0.6	28
22	Histology and ultrastructure of the placental membranes of the viviparous brown snake, <i>Storeria dekayi</i> (Colubridae: Natricinae). Journal of Morphology, 2009, 270, 1137-1154.	0.6	24
23	Scanning electron microscopy of the fetal membranes of an oviparous squamate, the corn snake <i>Pituophis guttatus</i> (Colubridae). Journal of Morphology, 2008, 269, 922-934.	0.6	23
24	Oblacental giant cells of the domestic rabbit: Development, morphology, and intermediate filament composition. Journal of Morphology, 1989, 202, 185-203.	0.6	22
25	Effects of testosterone administration and gonadectomy on nuptial pad morphology in overwintering male leopard frogs, <i>Rana pipiens</i> . Amphibia - Reptilia, 1995, 16, 113-121.	0.1	21
26	Histology and histochemistry of androgen-stimulated nuptial pads in the leopard frog, <i>Rana pipiens</i> , with notes on nuptial gland evolution. Canadian Journal of Zoology, 1997, 75, 472-477.	0.4	20
27	Effects of testosterone administration and castration on the forelimb musculature of male leopard frogs, <i>Rana pipiens</i> . , 1998, 280, 28-37.		20
28	Scanning electron microscopy of the placental interface in the viviparous lizard <i>Sceloporus jarrovi</i> (Squamata: Phrynosomatidae). Journal of Morphology, 2011, 272, 465-484.	0.6	20
29	Trophoblast concept as applied to therian mammals. Journal of Morphology, 1988, 196, 127-136.	0.6	19
30	Do pregnant lizards resorb or abort inviable eggs and embryos? Morphological evidence from an Australian skink, <i>Pseudemoia pagenstecheri</i> . Journal of Morphology, 2003, 256, 219-234.	0.6	19
31	Morphological specializations for fetal maintenance in viviparous vertebrates: An introduction and historical retrospective. Journal of Morphology, 2015, 276, E1-E16.	0.6	19
32	Histology of abortive egg sites in the uterus of a viviparous, placentotrophic lizard, the skink <i>Chalcides chalcides</i> . , 1998, 235, 97-108.		15
33	Phylogeny and evolutionary history of the amniote egg. Journal of Morphology, 2021, 282, 1080-1122.	0.6	15
34	Ultrastructure of the fetal membranes of the oviparous kingsnake, <i>Lampropeltis getula</i> (Colubridae) as revealed by scanning electron microscopy. Journal of Morphology, 2015, 276, 1467-1481.	0.6	14
35	Morphological specializations of the yolk sac for yolk processing in embryonic corn snakes ( <i>Pantherophis guttatus</i> : Colubridae). Journal of Morphology, 2017, 278, 768-779.	0.6	11
36	A Novel Pattern of Yolk Processing in Developing Snake Eggs (Colubridae: Lampropeltini) and its Functional and Evolutionary Implications. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2017, 328, 462-475.	0.6	11

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37	Morphological research on amniote eggs and embryos: An introduction and historical retrospective. <i>Journal of Morphology</i> , 2021, 282, 1024-1046.	0.6	11
38	Fetal Membrane Ultrastructure and Development in the Oviparous Milksnake <i>Lampropeltis triangulum</i> (Colubridae) with Reference to Function and Evolution in Snakes. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016, 326, 290-302.	0.6	10
39	Morphological features of the yolk processing pattern in the eastern fence lizard, <i>Sceloporus undulatus</i> (Phrynosomatidae). <i>Journal of Morphology</i> , 2018, 279, 1629-1639.	0.6	9
40	Placentation in watersnakes II: Placental ultrastructure in <i>Nerodia erythrogaster</i> (Colubridae: Natricinae). <i>Journal of Morphology</i> , 2017, 278, 675-688.	0.6	6
41	Ultrastructural analysis of the yolk processing pattern in embryonic pond slider turtles ( <i>Trachemys</i> ). <i>Journal of Morphology</i> , 2019, 332, 187-197.	0.6	6
42	How do embryonic turtles process yolk? Evidence from the Snapping Turtle, <i>Chelydra serpentina</i> (Chelydridae). <i>Canadian Journal of Zoology</i> , 2019, 97, 495-501.	0.4	6
43	Evolutionary origins of viviparity in Chamaeleonidae. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020, 58, 284-302.	0.6	6
44	Functional morphology, diversity, and evolution of yolk processing specializations in embryonic reptiles and birds. <i>Journal of Morphology</i> , 2021, 282, 995-1014.	0.6	6
45	Differential testosterone sensitivity of forelimb muscles of male leopard frogs, <i>Rana pipiens</i> : test of a model system. <i>Amphibia - Reptilia</i> , 1995, 16, 351-356.	0.1	5
46	Use of phylogenetic analysis to distinguish adaptation from exaptation. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	5
47	Classics revisited. History of reptile placentology: Studati's early account of placentation in a viviparous lizard. <i>Placenta</i> , 2015, 36, 1207-1211.	0.7	5
48	Placentation in watersnakes I: Placental histology and development in <i>Nerodia erythrogaster</i> (Colubridae: Natricinae). <i>Journal of Morphology</i> , 2017, 278, 665-674.	0.6	5
49	Old Wine in a New Bottle: Evolution by Another Name. <i>Journal of Theoretical Biology</i> , 1994, 171, 233-337.	0.8	4
50	How do Crocodylian embryos process yolk? Morphological evidence from the American alligator, <i>Alligator mississippiensis</i> . <i>Journal of Morphology</i> , 2021, 282, 953-958.	0.6	4
51	History of reptile placentology, part III: Giacomini's 1891 histological monograph on lizard placentation. <i>Placenta</i> , 2017, 60, 93-99.	0.7	3
52	Morphological basis for maternal nutrient provision to embryos in the viviparous fish <i>Ataeniobius toweri</i> (Teleostei: Goodeidae). <i>Journal of Morphology</i> , 2021, 282, 1575-1586.	0.6	2
53	Preface to the symposium "trends in the evolution of amniote embryos". <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009, 312B, 525-525.	0.6	1