Catherine A Boisvert

List of Publications by Year
in descending order

24	815	623734	610901
papers	citations	14 h-index	24 g-index

28	28	28	822
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The pectoral fin of Panderichthys and the origin of digits. Nature, 2008, 456, 636-638.	27.8	118
2	Fish fingers: digit homologues in sarcopterygian fish fins. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2007, 308B, 757-768.	1.3	117
3	The pelvic fin and girdle of Panderichthys and the origin of tetrapod locomotion. Nature, 2005, 438, 1145-1147.	27.8	97
4	The Ancient Origins of Neural Substrates for Land Walking. Cell, 2018, 172, 667-682.e15.	28.9	76
5	Development and Evolution of the Muscles of the Pelvic Fin. PLoS Biology, 2011, 9, e1001168.	5.6	58
6	Fossil Musculature of the Most Primitive Jawed Vertebrates. Science, 2013, 341, 160-164.	12.6	57
7	Pelvic and reproductive structures in placoderms (stem gnathostomes). Biological Reviews, 2015, 90, 467-501.	10.4	43
8	Comparative pelvic development of the axolotl (Ambystoma mexicanum) and the Australian lungfish (Neoceratodus forsteri): conservation and innovation across the fish-tetrapod transition. EvoDevo, 2013, 4, 3.	3.2	34
9	Development of the Synarcual in the Elephant Sharks (Holocephali; Chondrichthyes): Implications for Vertebral Formation and Fusion. PLoS ONE, 2015, 10, e0135138.	2.5	27
10	Oldest Pathology in a Tetrapod Bone Illuminates the Origin of Terrestrial Vertebrates. PLoS ONE, 2015, 10, e0125723.	2.5	25
11	Vertebral development of modern salamanders provides insights into a unique event of their evolutionary history. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2009, 312B, 1-29.	1.3	24
12	Lohest's true and false â€˜Devonian amphibiansâ€™: evidence for the rhynchodipterid lungfishSoederberghiain the Famennian of Belgium. Journal of Vertebrate Paleontology, 2006, 26, 276-283.	1.0	21
13	The humerus of Panderichthys in three dimensions and its significance in the context of the fishâ€“tetrapod transition. Acta Zoologica, 2009, 90, 297-305.	0.8	16
14	Mineralization of the Callorhinchus Vertebral Column (Holocephali; Chondrichthyes). Frontiers in Genetics, 2020, 11, 571694.	2.3	14
15	Capture, transport, and husbandry of elephant sharks (Callorhinchus milii) adults, eggs, and hatchlings for research and display. Zoo Biology, 2015, 34, 94-98.	1.2	13
16	Re-regeneration to reduce negative effects associated with tail loss in lizards. Scientific Reports, 2019, 9, 18717.	3.3	11
17	A review of Australiaâ€™s Mesozoic fishes. Alcheringa, 2020, 44, 286-311.	1.2	11
18	Embryonic development of fin spines in Callorhinchus milii (Holocephali); implications for chondrichthyan fin spine evolution. Evolution & Development, 2014, 16, 339-353.	2.0	9

#	Article	IF	Citations
19	Evolution of Vertebrate Reproduction. , 2018, , 207-226.		4
20	At What Cost? Trade-Offs and Influences on Energetic Investment in Tail Regeneration in Lizards Following Autotomy. Journal of Developmental Biology, 2021, 9, 53.	1.7	4
21	From Cells to Structures to Evolutionary Novelties: Creating a Continuum. Biological Theory, 2013, 8, 211-220.	1.5	2
22	Does fluctuating asymmetry of hind legs impose costs on escape speed in house crickets (Acheta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	2
23	Imaging With the Past: Revealing the Complexity of Chimaeroid Pelvic Musculature Anatomy and Development. Frontiers in Ecology and Evolution, 2022, 9, .	2.2	0
24	Ontogeny and caudal autotomy fracture planes in a large scincid lizard, Egernia kingii. Scientific Reports, 2022, 12, 7051.	3.3	0