

Samantha A Price

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

5,908
citations

218677

26
h-index

265206

42
g-index

45
all docs

45
docs citations

45
times ranked

7468
citing authors

#	ARTICLE	IF	CITATIONS
1	The delayed rise of present-day mammals. <i>Nature</i> , 2007, 446, 507-512.	27.8	1,832
2	PanTHERIA: a species-level database of life history, ecology, and geography of extant and recently extinct mammals. <i>Ecology</i> , 2009, 90, 2648-2648.	3.2	1,322
3	Phylogeny and tempo of diversification in the superradiation of spiny-rayed fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12738-12743.	7.1	408
4	Diversity versus disparity and the radiation of modern cetaceans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3097-3104.	2.6	253
5	A complete phylogeny of the whales, dolphins and even-toed hoofed mammals (Cetartiodactyla). <i>Biological Reviews</i> , 2005, 80, 445-473.	10.4	234
6	The Evolution of Pharyngognath: A Phylogenetic and Functional Appraisal of the Pharyngeal Jaw Key Innovation in Labroid Fishes and Beyond. <i>Systematic Biology</i> , 2012, 61, 1001-1027.	5.6	204
7	Tempo of trophic evolution and its impact on mammalian diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7008-7012.	7.1	178
8	Coral reefs promote the evolution of morphological diversity and ecological novelty in labrid fishes. <i>Ecology Letters</i> , 2011, 14, 462-469.	6.4	134
9	Host traits and parasite species richness in even and odd-toed hoofed mammals, Artiodactyla and Perissodactyla. <i>Oikos</i> , 2006, 115, 526-536.	2.7	103
10	FUNCTIONAL INNOVATIONS AND MORPHOLOGICAL DIVERSIFICATION IN PARROTFISH. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, no-no.	2.3	85
11	How predation shaped fish: the impact of fin spines on body form evolution across teleosts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151428.	2.6	84
12	The macroevolutionary relationship between diet and body mass across mammals. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 173-184.	1.6	80
13	Hunting to extinction: biology and regional economy influence extinction risk and the impact of hunting in artiodactyls. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1845-1851.	2.6	63
14	Garbage in, Garbage out. <i>Computational Biology</i> , 2004, , 267-280.	0.2	63
15	Biomechanical trade-offs bias rates of evolution in the feeding apparatus of fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1287-1292.	2.6	55
16	Body shape diversification along the benthic-pelagic axis in marine fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201053.	2.6	54
17	Building a Body Shape Morphospace of Teleostean Fishes. <i>Integrative and Comparative Biology</i> , 2019, 59, 716-730.	2.0	53
18	ELEVATED RATES OF MORPHOLOGICAL AND FUNCTIONAL DIVERSIFICATION IN REEF-DWELLING HAEMULID FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 417-428.	2.3	52

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19	Ecomorphological convergence in planktivorous surgeonfishes. <i>Journal of Evolutionary Biology</i> , 2016, 29, 965-978.	1.7	52
20	LINKING BIG: THE CONTINUING PROMISE OF EVOLUTIONARY SYNTHESIS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 871-880.	2.3	48
21	Prolonged morphological expansion of spiny-rayed fishes following the end-Cretaceous. <i>Nature Ecology and Evolution</i> , 2022, 6, 1211-1220.	7.8	39
22	The Impact of Organismal Innovation on Functional and Ecological Diversification. <i>Integrative and Comparative Biology</i> , 2016, 56, 479-488.	2.0	35
23	Supertrees Are a Necessary Not-So-Evil: A Comment on Gatesy et al.. <i>Systematic Biology</i> , 2003, 52, 724-729.	5.6	34
24	The Future is Bright for Evolutionary Morphology and Biomechanics in the Era of Big Data. <i>Integrative and Comparative Biology</i> , 2019, 59, 599-603.	2.0	33
25	Two waves of colonization straddling the KäPg boundary formed the modern reef fish fauna. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140321.	2.6	28
26	Ecology shapes the evolutionary tradeÉc;ff between predator avoidance and defence in coral reef butterflyfishes. <i>Ecology Letters</i> , 2018, 21, 1033-1042.	6.4	28
27	The deep sea is a hot spot of fish body shape evolution. <i>Ecology Letters</i> , 2021, 24, 1788-1799.	6.4	28
28	Are Hypsodonty and Occlusal Enamel Complexity Evolutionarily Correlated in Ungulates?. <i>Journal of Mammalian Evolution</i> , 2016, 23, 43-47.	1.8	26
29	The influence of size on body shape diversification across IndoäPacific shore fishes*. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 1873-1884.	2.3	26
30	Reef-associated fishes have more maneuverable body shapes at a macroevolutionary scale. <i>Coral Reefs</i> , 2020, 39, 1427-1439.	2.2	26
31	Phylogenetic insights into the history and diversification of fishes on reefs. <i>Coral Reefs</i> , 2015, 34, 997-1009.	2.2	25
32	A promising future for integrative biodiversity research: an increased role of scale-dependency and functional biology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150228.	4.0	22
33	A comprehensive phylogeny of extant horses, rhinos and tapirs (Perissodactyla) through data combination. <i>Zoosystematics and Evolution</i> , 2009, 85, 277-292.	1.1	21
34	The Effect of Locomotion Mode on Body Shape Evolution in Teleost Fishes. <i>Integrative Organismal Biology</i> , 2021, 3, obab016.	1.8	21
35	Decoupled diversification dynamics of feeding morphology following a major functional innovation in marine butterflyfishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170906.	2.6	16
36	Do key innovations unlock diversification? A case-study on the morphological and ecological impact of pharyngognathy in acanthomorph fishes. <i>Environmental Epigenetics</i> , 2020, 66, 575-588.	1.8	10

#	ARTICLE	IF	CITATIONS
37	OUP accepted manuscript. <i>Systematic Biology</i> , 2021, , .	5.6	5
38	Influence of phylogeny on the estimation of diet from dental morphology in the Carnivora. <i>Paleobiology</i> , 2022, 48, 324-339.	2.0	5
39	Size as a complex trait and the scaling relationships of its components across teleosts. <i>Evolutionary Ecology</i> , 2022, 36, 471-487.	1.2	5
40	A CURE for a Major Challenge in Phenomics: A Practical Guide to Implementing a Quantitative Specimen-Based Undergraduate Research Experience. <i>Integrative Organismal Biology</i> , 2020, 2, obaa004.	1.8	4
41	Constraints on the Ecomorphological Convergence of Zooplanktivorous Butterflyfishes. <i>Integrative Organismal Biology</i> , 2021, 3, obab014.	1.8	1
42	The Comparative Approach in Evolutionary Anthropology and Biology.â€”Charles L. Nunn.. <i>Systematic Biology</i> , 2012, 61, 1085-1086.	5.6	0