Patricia L R Brennan

List of Publications by Year
in descending order

55	1,264	361413	377865
papers	citations	20 h-index	34 g-index

56	56	56	1170
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coevolution of Male and Female Genital Morphology in Waterfowl. PLoS ONE, 2007, 2, e418.	2.5	166
2	Sperm storage: distinguishing selective processes and evaluating criteria. Trends in Ecology and Evolution, 2015, 30, 261-272.	8.7	105
3	Explosive eversion and functional morphology of the duck penis supports sexual conflict in waterfowl genitalia. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1309-1314.	2.6	102
4	Mechanisms and Evidence of Genital Coevolution: The Roles of Natural Selection, Mate Choice, and Sexual Conflict. Cold Spring Harbor Perspectives in Biology, 2015, 7, a017749.	5.5	90
5	The limits of sexual conflict in the narrow sense: new insights from waterfowl biology. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2324-2338.	4.0	60
6	Ultraviolet visual sensitivity in three avian lineages: paleognaths, parrots, and passerines. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2012, 198, 495-510.	1.6	59
7	Studying Genital Coevolution to Understand Intromittent Organ Morphology. Integrative and Comparative Biology, 2016, 56, 669-681.	2.0	47
8	Detecting pigments from colourful eggshells of extinct birds. Chemoecology, 2010, 20, 43-48.	1.1	40
9	Sexual conflict over mating in red-sided garter snakes (Thamnophis sirtalis) as indicated by experimental manipulation of genitalia. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132694.	2.6	36
10	Independent evolutionary reductions of the phallus in basal birds. Journal of Avian Biology, 2008, 39, 487-492.	1.2	32
11	All Features Great and Smallâ€"the Potential Roles of the Baculum and Penile Spines in Mammals. Integrative and Comparative Biology, 2016, 56, 635-643.	2.0	32
12	Female behaviour and the interaction of male and female genital traits mediate sperm transfer during mating. Journal of Evolutionary Biology, 2016, 29, 952-964.	1.7	29
13	Genital interactions during simulated copulation among marine mammals. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171265.	2.6	28
14	Clutch predation in great tinamous Tinamus major and implications for the evolution of egg color. Journal of Avian Biology, 2010, 41, 419-426.	1.2	27
15	Variability and asymmetry in the shape of the spiny dogfish vagina revealed by 2D and 3D geometric morphometrics. Journal of Zoology, 2019, 308, 16-27.	1.7	27
16	SIGHTINGS AND POSSIBLE IDENTITY OF A BOTTLENOSE WHALE IN THE TROPICAL INDO-PACIFIC: INDOPACETUS PACIFICUS?. Marine Mammal Science, 1999, 15, 531-549.	1.8	26
17	The evolution of genital shape variation in female cetaceans*. Evolution; International Journal of Organic Evolution, 2018, 72, 261-273.	2.3	26
18	Evo-devo beyond morphology: from genes to resource use. Trends in Ecology and Evolution, 2013, 28, 267-273.	8.7	25

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19	Dynamic egg color mimicry. Ecology and Evolution, 2016, 6, 4192-4202.	1.9	25
20	Natureâ€™s Palette: Characterization of Shared Pigments in Colorful Avian and Mollusk Shells. PLoS ONE, 2015, 10, e0143545.	2.5	24
21	Intraspecific and interspecific variation of female genitalia in two species of watersnake. Biological Journal of the Linnean Society, 2014, 111, 183-191.	1.6	18
22	The erection mechanism of the ratite penis. Journal of Zoology, 2012, 286, 140-144.	1.7	17
23	Asymmetric and Spiraled Genitalia Coevolve with Unique Lateralized Mating Behavior. Scientific Reports, 2020, 10, 3257.	3.3	17
24	3D genital shape complexity in female marine mammals. Ecology and Evolution, 2021, 11, 3210-3218.	1.9	16
25	Evidence of a functional clitoris in dolphins. Current Biology, 2022, 32, R24-R26.	3.9	16
26	Eggshell Conspicuousness in Ground Nesting Birds: Do Conspicuous Eggshells Signal Nest Location to Conspecifics?. Avian Biology Research, 2013, 6, 147-156.	0.9	15
27	Development of Avian External Genitalia: Interspecific Differences and Sexual Differentiation of the Male and Female Phallus. Sexual Development, 2015, 9, 43-52.	2.0	14
28	Incubation in Great Tinamou (Tinamus major). Wilson Journal of Ornithology, 2009, 121, 506-511.	0.2	13
29	Comparison of micrometer- and scanning electron microscope-based measurements of avian eggshell thickness. Journal of Field Ornithology, 2010, 81, 402-410.	0.5	13
30	Evidence of phenotypic plasticity of penis morphology and delayed reproductive maturation in response to male competition in waterfowl. Auk, 2017, 134, 882-893.	1.4	13
31	Biomechanical properties of female dolphin reproductive tissue. Acta Biomaterialia, 2019, 86, 117-124.	8.3	12
32	Mixed paternity despite high male parental care in great tinamous and other Palaeognathes. Animal Behaviour, 2012, 84, 693-699.	1.9	11
33	Copulatory behavior and its relationship to genital morphology. Advances in the Study of Behavior, 2020, 52, 65-122.	1.6	11
34	Genital Evolution: Cock-a-Doodle-Donâ€™t. Current Biology, 2013, 23, R523-R525.	3.9	8
35	Evolution: One Penis After All. Current Biology, 2016, 26, R29-R31.	3.9	8
36	Endocrine regulation and sexual differentiation of avian copulatory sexually selected characters. Neuroscience and Biobehavioral Reviews, 2014, 46, 557-566.	6.1	7

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37	Intra-horn Penile Intromission in the AlpacaVicugna pacosand Consequences to Genital Morphology. Integrative and Comparative Biology, 2021, 61, 624-633.	2.0	7
38	Bridging the Research Gap between Live Collections in Zoos and Preserved Collections in Natural History Museums. BioScience, 2022, 72, 449-460.	4.9	7
39	Development of microsatellite markers for parentage analysis in the great tinamou (Tinamus) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	6
40	Oddball Science: Why Studies of Unusual Evolutionary Phenomena Are Crucial. BioScience, 2014, 64, 178-179.	4.9	5
41	Time to step up: defending basic science and animal behaviour. Animal Behaviour, 2014, 94, 101-105.	1.9	5
42	Glans inflation morphology and female cloaca copulatory interactions of the male American alligator phallusâ€. Biology of Reproduction, 2021, 104, 374-386.	2.7	4
43	Evolution and Morphology of Genitalia in Female Amniotes. Integrative and Comparative Biology, 2022, 62, 521-532.	2.0	4
44	Reproductive melanization may protect sperm from harmful solar radiation. Evolutionary Ecology, 2018, 32, 127-139.	1.2	3
45	Divergent Genital Morphologies and Femaleâ€“Male Covariation in Watersnakes. Integrative and Comparative Biology, 2022, 62, 569-580.	2.0	3
46	Testing Morphological Relationships between Female and Male Copulatory Structures in Bats. Integrative and Comparative Biology, 2022, 62, 602-612.	2.0	2
47	The Business and Promise of Biomimicry. BioScience, 2015, 65, 440-441.	4.9	1
48	Sperm Storage and Delayed Fertilization. , 2018, , 350-355.		1
49	Bird With Penises: Copulation Mechanics and Behavior. , 2019, , 513-522.		1
50	Darwin in the bedroom. Trends in Ecology and Evolution, 2014, 29, 136-137.	8.7	0
51	Sperm storage across multiple scales â€“ a reply to Marques, GarcÃa, and Ames. Trends in Ecology and Evolution, 2015, 30, 436-437.	8.7	0
52	Patricia Brennan. Current Biology, 2020, 30, R1064-R1066.	3.9	0
53	Evolution of Genitalia, The. , 2021, , 2511-2514.		0
54	Evolution of Genitalia, The. , 2016, , 1-4.		0

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55	Examining the shape and size of female and male genitalia in snakes using three-dimensional geometric morphometrics. Biological Journal of the Linnean Society, 2022, 136, 466-476.	1.6	0