

# Pierre-Paul Bitton

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

822  
citations

840776

11  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1152  
citing authors

#	ARTICLE	IF	CITATIONS
1	pavo: an R package for the analysis, visualization and organization of spectral data. <i>Methods in Ecology and Evolution</i> , 2013, 4, 906-913.	5.2	342
2	How hollow melanosomes affect iridescent colour production in birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131505.	2.6	62
3	Uneven Sampling and the Analysis of Vocal Performance Constraints. <i>American Naturalist</i> , 2014, 183, 214-228.	2.1	62
4	Plumage characteristics, reproductive investment and assortative mating in tree swallows <i>Tachycineta bicolor</i> . <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1543-1550.	1.4	58
5	Plumage brightness and age predict extrapair fertilization success of male tree swallows, <i>Tachycineta bicolor</i> . <i>Animal Behaviour</i> , 2007, 74, 1777-1784.	1.9	54
6	Assessing Sexual Dichromatism: The Importance of Proper Parameterization in Tetrachromatic Visual Models. <i>PLoS ONE</i> , 2017, 12, e0169810.	2.5	27
7	Change in wing morphology of the European starling during and after colonization of North America. <i>Journal of Zoology</i> , 2015, 295, 254-260.	1.7	24
8	Age-related differences in plumage characteristics of male tree swallows <i>Tachycineta bicolor</i> : hue and brightness signal different aspects of individual quality. <i>Journal of Avian Biology</i> , 2008, 39, 446-452.	1.2	21
9	Influence of intraclutch egg-mass variation and hatching asynchrony on relative offspring performance within broods of an altricial bird. <i>Canadian Journal of Zoology</i> , 2006, 84, 1721-1726.	1.0	20
10	Red fluorescence of the triplefin <i>Tripterygion delaisi</i> is increasingly visible against background light with increasing depth. <i>Royal Society Open Science</i> , 2017, 4, 161009.	2.4	20
11	Mimics here and there, but not everywhere: Müllerian mimicry in <i>Ceroglossus</i> ground beetles?. <i>Biology Letters</i> , 2016, 12, 20160429.	2.3	15
12	Optic-nerve-transmitted eyeshine, a new type of light emission from fish eyes. <i>Frontiers in Zoology</i> , 2017, 14, 14.	2.0	14
13	Analysis of plumage, morphology, and voice reveals species-level differences between two subspecies of Prevost's Ground-sparrow <i>Melospiza biarcuata</i> (Prevost and Des Murs) (Aves: Emberizidae). <i>Zootaxa</i> , 2014, 3895, 103-16.	0.5	11
14	Species limits, patterns of secondary contact and a new species in the <i>Trogon rufus</i> complex (Aves: Trogonidae). <i>Zoological Journal of the Linnean Society</i> , 2021, 193, 499-540.	2.3	11
15	Redirection of ambient light improves predator detection in a diurnal fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192292.	2.6	11
16	Variation and possible function of egg sac coloration in spiders. <i>Journal of Arachnology</i> , 2013, 41, 342-348.	0.5	10
17	A multifunctional visual display in elegant trogons targets conspecifics and heterospecifics. <i>Behavioral Ecology</i> , 2014, 25, 27-34.	2.2	10
18	Daytime eyeshine contributes to pupil camouflage in a cryptobenthic marine fish. <i>Scientific Reports</i> , 2018, 8, 7368.	3.3	9

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19	Phenotypic variation and vocal divergence reveals a species complex in White-eared Ground-sparrows (Cabanis) (Aves: Passerellidae). <i>Zootaxa</i> , 2017, 4291, 155.	0.5	7
20	Sympatric black-headed and elegant trogons focus on different plumage characteristics for species recognition. <i>Animal Behaviour</i> , 2016, 116, 213-221.	1.9	6
21	Baseline corticosterone does not reflect iridescent plumage traits in female tree swallows. <i>General and Comparative Endocrinology</i> , 2019, 270, 123-130.	1.8	6
22	Age-related prenatal maternal effects and postnatal breeding experience have different influences on nestling development in an altricial passerine. <i>Journal of Avian Biology</i> , 2017, 48, 660-668.	1.2	5
23	Visual modelling supports the potential for prey detection by means of diurnal active photolocation in a small cryptobenthic fish. <i>Scientific Reports</i> , 2019, 9, 8089.	3.3	4
24	Do the fluorescent red eyes of the marine fish <i>Tripterygion delaisi</i> stand out? In situ and in vivo measurements at two depths. <i>Ecology and Evolution</i> , 2018, 8, 4685-4694.	1.9	3
25	Small benthic fish strike at prey over distances that fall within theoretical predictions for active sensing using light. <i>Journal of Fish Biology</i> , 2020, 97, 1201-1208.	1.6	3
26	Conspecific and Predator Perception of the Red <i>Oophaga pumilio</i> Morph from the Central Caribbean of Costa Rica. <i>Journal of Herpetology</i> , 2020, 54, .	0.5	3
27	A context analysis of bobbing and fin-flicking in a small marine benthic fish. <i>Ecology and Evolution</i> , 2021, 11, 1254-1263.	1.9	2