Thomas E White

List of Publications by Year in Descending Order

45 papers	749 citations	16 h-index	26 g-index
56 ext. papers	1,153 ext. citations	4.3 avg, IF	4.92 L-index

#	Paper	IF	Citations
45	Cryptic Coloration **2022**, 1862-1864		
44	Disruptive Coloration **2022**, 2067-2069		
43	Meta-analytic evidence for quantitative honesty in aposematic signals. *Proceedings of the Royal Society B: Biological Sciences*, **2021**, 288, 20210679	4.4	3
42	Conspicuous animal signals avoid the cost of predation by being intermittent or novel: confirmation in the wild using hundreds of robotic prey. *Proceedings of the Royal Society B: Biological Sciences*, **2021**, 288, 20210706	4.4	2
41	Love at first flight: wing interference patterns are species-specific and sexually dimorphic in blowflies (Diptera: Calliphoridae). *Journal of Evolutionary Biology*, **2021**, 34, 558-570	2.3	6
40	Spider lures exploit insect preferences for floral colour and symmetry. *Evolutionary Ecology*, **2020**, 34, 543-553	1.8	0
39	Macroecological patterns in flower colour are shaped by both biotic and abiotic factors. *New Phytologist*, **2020**, 228, 1972-1985	9.8	19
38	A new ecosystem for evidence synthesis. *Nature Ecology and Evolution*, **2020**, 4, 498-501	12.3	16
37	Diurnal Profiles of Physical Activity and Postures Derived From Wrist-Worn Accelerometry in UK Adults. *Journal for the Measurement of Physical Behaviour*, **2020**, 3, 39-49	2.3	1
36	International scientists formulate a roadmap for insect conservation and recovery. *Nature Ecology and Evolution*, **2020**, 4, 174-176	12.3	98
35	Flies Exploit Predictable Perspectives and Backgrounds to Enhance Iridescent Signal Salience and Mating Success. *American Naturalist*, **2020**, 195, 733-742	3.7	8
34	Fight or flight trade-offs and the defensive behaviour of the mountain katydid, Acripeza reticulata. *Animal Behaviour*, **2020**, 159, 81-87	2.8	1
33	Birds Perceive More Intraspecific Color Variation in Bird-Pollinated Than Bee-Pollinated Flowers. *Frontiers in Plant Science*, **2020**, 11, 590347	6.2	3
32	Flies improve the salience of iridescent sexual signals by orienting toward the sun. *Behavioral Ecology*, **2020**, 31, 1401-1409	2.3	2
31	Structural colours reflect individual quality: a meta-analysis. *Biology Letters*, **2020**, 16, 20200001	3.6	17
30	Photoreflectance/scattering measurements of spider silks informed by standard optics. *Royal Society Open Science*, **2020**, 7, 192174	3.3	1
29	The protective value of a defensive display varies with the experience of wild predators. *Scientific Reports*, **2019**, 9, 463	4.9	8

28	Intraspecific floral color variation as perceived by pollinators and non-pollinators: evidence for pollinator-imposed constraints?. *Evolutionary Ecology*, **2019**, 33, 461-479	1.8	8
27	pavo 2: New tools for the spectral and spatial analysis of colour in r. *Methods in Ecology and Evolution*, **2019**, 10, 1097-1107	7.7	129
26	Spider silk colour covaries with thermal properties but not protein structure. *Journal of the Royal Society Interface*, **2019**, 16, 20190199	4.1	3
25	lightr: import spectral data and metadata in R. *Journal of Open Source Software*, **2019**, 4, 1857	5.2	1
24	Male guppies differ in daily frequency but not diel pattern of display under daily light changes. *Behavioral Ecology and Sociobiology*, **2019**, 73, 1	2.5	1
23	Comparing colors using visual models. *Behavioral Ecology*, **2018**, 29, 649-659	2.3	43
22	Illuminating the Evolution of Iridescence. *Trends in Ecology and Evolution*, **2018**, 33, 374-375	10.9	8
21	Consistent shifts in pollinator-relevant floral coloration along Rocky Mountain elevation gradients. *Journal of Ecology*, **2018**, 106, 1910-1924	6	16
20	Abiotic and biotic predictors of macroecological patterns in bird and butterfly coloration. *Ecological Monographs*, **2018**, 88, 204-224	9	22
19	The effect of captive breeding upon adult thermal preference in the Queensland fruit fly (Bactrocera tryoni). *Journal of Thermal Biology*, **2018**, 78, 290-297	2.9	5
18	Deimatism: a neglected component of antipredator defence. *Biology Letters*, **2017**, 13,	3.6	44
17	Jewelled spiders manipulate colour-lure geometry to deceive prey. *Biology Letters*, **2017**, 13,	3.6	11
16	Colour polymorphic lures exploit innate preferences for spectral versus luminance cues in dipteran prey. *BMC Evolutionary Biology*, **2017**, 17, 191	3	8
15	Colour and luminance contrasts predict the human detection of natural stimuli in complex visual environments. *Biology Letters*, **2017**, 13,	3.6	13
14	The perceptual similarity of orb-spider prey lures and flower colours. *Evolutionary Ecology*, **2017**, 31, 1-20	1.8	25
13	Colour polymorphism. *Current Biology*, **2016**, 26, R517-R518	6.3	21
12	Color polymorphic lures target different visual channels in prey. *Evolution; International Journal of Organic Evolution*, **2016**, 70, 1398-408	3.8	21
11	Sexual signals for the colour-blind: cryptic female mantids signal quality through brightness. *Functional Ecology*, **2015**, 29, 531-539	5.6	33

10	Signal design and courtship presentation coincide for highly biased delivery of an iridescent butterfly mating signal. *Evolution; International Journal of Organic Evolution*, **2015**, 69, 14-25	3.8	50
9	Reproducible research in the study of biological coloration. *Animal Behaviour*, **2015**, 106, 51-57	2.8	33
8	Technicolour deceit: a sensory basis for the study of colour-based lures. *Animal Behaviour*, **2015**, 105, 231-243	2.8	24
7	Birds, butterflies and flowers in the tropics are not more colourful than those at higher latitudes. *Global Ecology and Biogeography*, **2015**, 24, 1424-1432	6.1	26
6	Exploring the perceptual canvas of signal evolution: comment on Kelley and Kelley. *Behavioral Ecology*, **2014**, 25, 467-468	2.3	1
5	The nanoanatomical basis of sexual dimorphism in iridescent butterfly colouration. *Australian Journal of Zoology*, **2012**, 60, 101	0.5	9
4	Comparing colours using visual models		2
3	Structural colours reflect individual quality: a meta-analysis		1
2	pavo 2: new tools for the spectral and spatial analysis of colour in R		2
1	Spider lures exploit insect preferences for floral colour and symmetry		1