

# Thomas E White

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4299478/thomas-e-white-publications-by-citations.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	pavo 2: New tools for the spectral and spatial analysis of colour in r. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 1097-1107	7.7	129
44	International scientists formulate a roadmap for insect conservation and recovery. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 174-176	12.3	98
43	Signal design and courtship presentation coincide for highly biased delivery of an iridescent butterfly mating signal. <i>Evolution; International Journal of Organic Evolution</i> , <b>2015</b> , 69, 14-25	3.8	50
42	Deimatism: a neglected component of antipredator defence. <i>Biology Letters</i> , <b>2017</b> , 13,	3.6	44
41	Comparing colors using visual models. <i>Behavioral Ecology</i> , <b>2018</b> , 29, 649-659	2.3	43
40	Sexual signals for the colour-blind: cryptic female mantids signal quality through brightness. <i>Functional Ecology</i> , <b>2015</b> , 29, 531-539	5.6	33
39	Reproducible research in the study of biological coloration. <i>Animal Behaviour</i> , <b>2015</b> , 106, 51-57	2.8	33
38	Birds, butterflies and flowers in the tropics are not more colourful than those at higher latitudes. <i>Global Ecology and Biogeography</i> , <b>2015</b> , 24, 1424-1432	6.1	26
37	The perceptual similarity of orb-spider prey lures and flower colours. <i>Evolutionary Ecology</i> , <b>2017</b> , 31, 1-20	1.8	25
36	Technicolour deceit: a sensory basis for the study of colour-based lures. <i>Animal Behaviour</i> , <b>2015</b> , 105, 231-243	2.8	24
35	Abiotic and biotic predictors of macroecological patterns in bird and butterfly coloration. <i>Ecological Monographs</i> , <b>2018</b> , 88, 204-224	9	22
34	Colour polymorphism. <i>Current Biology</i> , <b>2016</b> , 26, R517-R518	6.3	21
33	Color polymorphic lures target different visual channels in prey. <i>Evolution; International Journal of Organic Evolution</i> , <b>2016</b> , 70, 1398-408	3.8	21
32	Macroecological patterns in flower colour are shaped by both biotic and abiotic factors. <i>New Phytologist</i> , <b>2020</b> , 228, 1972-1985	9.8	19
31	Structural colours reflect individual quality: a meta-analysis. <i>Biology Letters</i> , <b>2020</b> , 16, 20200001	3.6	17
30	A new ecosystem for evidence synthesis. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 498-501	12.3	16
29	Consistent shifts in pollinator-relevant floral coloration along Rocky Mountain elevation gradients. <i>Journal of Ecology</i> , <b>2018</b> , 106, 1910-1924	6	16

28	Colour and luminance contrasts predict the human detection of natural stimuli in complex visual environments. <i>Biology Letters</i> , <b>2017</b> , 13,	3.6	13
27	Jewelled spiders manipulate colour-lure geometry to deceive prey. <i>Biology Letters</i> , <b>2017</b> , 13,	3.6	11
26	The nanoanatomical basis of sexual dimorphism in iridescent butterfly colouration. <i>Australian Journal of Zoology</i> , <b>2012</b> , 60, 101	0.5	9
25	The protective value of a defensive display varies with the experience of wild predators. <i>Scientific Reports</i> , <b>2019</b> , 9, 463	4.9	8
24	Intraspecific floral color variation as perceived by pollinators and non-pollinators: evidence for pollinator-imposed constraints?. <i>Evolutionary Ecology</i> , <b>2019</b> , 33, 461-479	1.8	8
23	Colour polymorphic lures exploit innate preferences for spectral versus luminance cues in dipteran prey. <i>BMC Evolutionary Biology</i> , <b>2017</b> , 17, 191	3	8
22	Illuminating the Evolution of Iridescence. <i>Trends in Ecology and Evolution</i> , <b>2018</b> , 33, 374-375	10.9	8
21	Flies Exploit Predictable Perspectives and Backgrounds to Enhance Iridescent Signal Saliency and Mating Success. <i>American Naturalist</i> , <b>2020</b> , 195, 733-742	3.7	8
20	Love at first flight: wing interference patterns are species-specific and sexually dimorphic in blowflies (Diptera: Calliphoridae). <i>Journal of Evolutionary Biology</i> , <b>2021</b> , 34, 558-570	2.3	6
19	The effect of captive breeding upon adult thermal preference in the Queensland fruit fly ( <i>Bactrocera tryoni</i> ). <i>Journal of Thermal Biology</i> , <b>2018</b> , 78, 290-297	2.9	5
18	Spider silk colour covaries with thermal properties but not protein structure. <i>Journal of the Royal Society Interface</i> , <b>2019</b> , 16, 20190199	4.1	3
17	Birds Perceive More Intraspecific Color Variation in Bird-Pollinated Than Bee-Pollinated Flowers. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 590347	6.2	3
16	Meta-analytic evidence for quantitative honesty in aposematic signals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20210679	4.4	3
15	Comparing colours using visual models		2
14	pavo 2: new tools for the spectral and spatial analysis of colour in R		2
13	Flies improve the saliency of iridescent sexual signals by orienting toward the sun. <i>Behavioral Ecology</i> , <b>2020</b> , 31, 1401-1409	2.3	2
12	Conspicuous animal signals avoid the cost of predation by being intermittent or novel: confirmation in the wild using hundreds of robotic prey. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20210706	4.4	2
11	Exploring the perceptual canvas of signal evolution: comment on Kelley and Kelley. <i>Behavioral Ecology</i> , <b>2014</b> , 25, 467-468	2.3	1

10	Diurnal Profiles of Physical Activity and Postures Derived From Wrist-Worn Accelerometry in UK Adults. <i>Journal for the Measurement of Physical Behaviour</i> , <b>2020</b> , 3, 39-49	2.3	1
9	lightr: import spectral data and metadata in R. <i>Journal of Open Source Software</i> , <b>2019</b> , 4, 1857	5.2	1
8	Structural colours reflect individual quality: a meta-analysis		1
7	Spider lures exploit insect preferences for floral colour and symmetry		1
6	Fight or flight trade-offs and the defensive behaviour of the mountain katydid, <i>Acripeza reticulata</i> . <i>Animal Behaviour</i> , <b>2020</b> , 159, 81-87	2.8	1
5	Male guppies differ in daily frequency but not diel pattern of display under daily light changes. <i>Behavioral Ecology and Sociobiology</i> , <b>2019</b> , 73, 1	2.5	1
4	Photoreflectance/scattering measurements of spider silks informed by standard optics. <i>Royal Society Open Science</i> , <b>2020</b> , 7, 192174	3.3	1
3	Spider lures exploit insect preferences for floral colour and symmetry. <i>Evolutionary Ecology</i> , <b>2020</b> , 34, 543-553	1.8	0
2	Cryptic Coloration <b>2022</b> , 1862-1864		
1	Disruptive Coloration <b>2022</b> , 2067-2069		