

Imaging polarimetry of forest canopies: how the azimuthal
vegetation, can be assessed from the polarization pattern

Applied Optics

46, 6019

DOI: [10.1364/ao.46.006019](https://doi.org/10.1364/ao.46.006019)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A geometrical optics polarimetric bidirectional reflectance distribution function for dielectric and metallic surfaces. <i>Optics Express</i> , 2009, 17, 22138.	1.7	94
2	Bio-Inspired Polarized Skylight-Based Navigation Sensors: A Review. <i>Sensors</i> , 2012, 12, 14232-14261.	2.1	71
3	Polarization calibration with large apertures in full field of view for a full Stokes imaging polarimeter based on liquid-crystal variable retarders. <i>Applied Optics</i> , 2013, 52, 1284.	0.9	28
4	Polarization transition between sunlit and moonlit skies with possible implications for animal orientation and Viking navigation: anomalous celestial twilight polarization at partial moon. <i>Applied Optics</i> , 2014, 53, 5193.	0.9	28
5	Polarized-Light Processing in Insect Brains: Recent Insights from the Desert Locust, the Monarch Butterfly, the Cricket, and the Fruit Fly. , 2014, , 61-111.		34
6	Polarization Characteristics of Forest Canopies with Biological Implications. , 2014, , 345-365.		1
7	Polarization of the Sky. , 2014, , 367-406.		19
8	Empirical corroboration of an earlier theoretical resolution to the UV paradox of insect polarized skylight orientation. <i>Die Naturwissenschaften</i> , 2014, 101, 95-103.	0.6	13
9	Testing a polarimetric cloud imager aboard research vessel Polarstern: comparison of color-based and polarimetric cloud detection algorithms. <i>Applied Optics</i> , 2015, 54, 1065.	0.9	10
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12	A Novel Robust Polarization Skylight Navigation Algorithm Based on Obstacles Detection. , 2018, , .		1
13	Straight-line orientation in the woodland-living beetle <i>Sisyphus fasciculatus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2020, 206, 327-335.	0.7	10
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15	Exploring the visual world of fossilized and modern fungus gnat eyes (Diptera: Keroplatidae) with X-ray microtomography. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20190750.	1.5	14
16	How Dung Beetles Steer Straight. <i>Annual Review of Entomology</i> , 2021, 66, 243-256.	5.7	24
17	Depolarization Characteristics of Different Reflective Interfaces Indicated by Indices of Polarimetric Purity (IPPs). <i>Sensors</i> , 2021, 21, 1221.	2.1	15
18	Navigation and orientation in Coleoptera: a review of strategies and mechanisms. <i>Animal Cognition</i> , 2021, 24, 1153-1164.	0.9	4

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19	Compass Cue Integration and Its Relation to the Visual Ecology of Three Tribes of Ball-Rolling Dung Beetles. <i>Insects</i> , 2021, 12, 526.	1.0	3
20	Polarisation Vision of Crustaceans. , 2014, , 171-216.		8
21	Polarization patterns under different sky conditions and a navigation method based on the symmetry of the AOP map of skylight. <i>Optics Express</i> , 2018, 26, 28589.	1.7	55
22	The interplay of directional information provided by unpolarised and polarised light in the heading direction network of the diurnal dung beetle <i>Kheper lamarcki</i> . <i>Journal of Experimental Biology</i> , 2022, 225, .	0.8	8