

Sarah E J Arnold

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,439
citations

471509

17
h-index

345221

36
g-index

42
all docs

42
docs citations

42
times ranked

2547
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiosperm wood structure: Global patterns in vessel anatomy and their relation to wood density and potential conductivity. <i>American Journal of Botany</i> , 2010, 97, 207-215.	1.7	355
2	Bees associate warmth with floral colour. <i>Nature</i> , 2006, 442, 525-525.	27.8	170
3	Mutations perturbing petal cell shape and anthocyanin synthesis influence bumblebee perception of <i>Antirrhinum majus</i> flower colour. <i>Arthropod-Plant Interactions</i> , 2007, 1, 45-55.	1.1	116
4	Flower colours along an alpine altitude gradient, seen through the eyes of fly and bee pollinators. <i>Arthropod-Plant Interactions</i> , 2009, 3, 27-43.	1.1	100
5	FRoD: The Floral Reflectance Database – A Web Portal for Analyses of Flower Colour. <i>PLoS ONE</i> , 2010, 5, e14287.	2.5	86
6	Herbivore Defence Compounds Occur in Pollen and Reduce Bumblebee Colony Fitness. <i>Journal of Chemical Ecology</i> , 2014, 40, 878-881.	1.8	66
7	Optimizing the Colour and Fabric of Targets for the Control of the Tsetse Fly <i>Glossina fuscipes fuscipes</i> . <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1661.	3.0	42
8	Measuring the nutritional cost of insect infestation of stored maize and cowpea. <i>Food Security</i> , 2020, 12, 285-308.	5.3	42
9	The effect of polyploidy and hybridization on the evolution of floral colour in <i>Nicotiana</i> (Solanaceae). <i>Annals of Botany</i> , 2015, 115, 1117-1131.	2.9	41
10	Multiple ecosystem services from field margin vegetation for ecological sustainability in agriculture: scientific evidence and knowledge gaps. <i>PeerJ</i> , 2019, 7, e8091.	2.0	30
11	Flower colour within communities shifts from overdispersed to clustered along an alpine altitudinal gradient. <i>Oecologia</i> , 2018, 188, 223-235.	2.0	29
12	Impacts of alien invasive <i>Parthenium hysterophorus</i> on flower visitation by insects to co-flowering plants. <i>Arthropod-Plant Interactions</i> , 2019, 13, 719-734.	1.1	29
13	Illumination preference, illumination constancy and colour discrimination by bumblebees in an environment with patchy light. <i>Journal of Experimental Biology</i> , 2012, 215, 2173-2180.	1.7	26
14	Bumble bees show an induced preference for flowers when primed with caffeinated nectar and a target floral odor. <i>Current Biology</i> , 2021, 31, 4127-4131.e4.	3.9	25
15	Flower color phenology in European grassland and woodland habitats, through the eyes of pollinators. <i>Israel Journal of Plant Sciences</i> , 2009, 57, 211-230.	0.5	24
16	Enhancing knowledge among smallholders on pollinators and supporting field margins for sustainable food security. <i>Journal of Rural Studies</i> , 2019, 70, 75-86.	4.7	23
17	Knowledge gaps among smallholder farmers hinder adoption of conservation biological control. <i>Biocontrol Science and Technology</i> , 2020, 30, 256-277.	1.3	20
18	FRoD: The floral reflectance spectra database. <i>Nature Precedings</i> , 0, , .	0.1	19

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19	Bio-herbicide potential of naturalised <i>Desmodium uncinatum</i> crude leaf extract against the invasive plant species <i>Parthenium hysterophorus</i> . <i>Biological Invasions</i> , 2019, 21, 3641-3653.	2.4	18
20	Field Margin Vegetation in Tropical African Bean Systems Harbours Diverse Natural Enemies for Biological Pest Control in Adjacent Crops. <i>Sustainability</i> , 2019, 11, 6399.	3.2	18
21	The significance of climate in the pollinator dynamics of a tropical agroforestry system. <i>Agriculture, Ecosystems and Environment</i> , 2018, 254, 1-9.	5.3	15
22	Mechanisms in mutualisms: a chemically mediated thrips pollination strategy in common elder. <i>Planta</i> , 2019, 250, 367-379.	3.2	14
23	Insect pollination is important in a smallholder bean farming system. <i>PeerJ</i> , 2020, 8, e10102.	2.0	14
24	Floral Odors and the Interaction between Pollinating Ceratopogonid Midges and Cacao. <i>Journal of Chemical Ecology</i> , 2019, 45, 869-878.	1.8	13
25	Beneficial insects are associated with botanically rich margins with trees on small farms. <i>Scientific Reports</i> , 2021, 11, 15190.	3.3	13
26	Odour-Mediated Orientation of Beetles Is Influenced by Age, Sex and Morph. <i>PLoS ONE</i> , 2012, 7, e49071.	2.5	12
27	Responses to colour and host odour cues in three cereal pest species, in the context of ecology and control. <i>Bulletin of Entomological Research</i> , 2015, 105, 417-425.	1.0	11
28	Shades of yellow: interactive effects of visual and odour cues in a pest beetle. <i>PeerJ</i> , 2016, 4, e2219.	2.0	11
29	Visual cues from different trap colours affect catches of <i>Sahlbergella singularis</i> (Hemiptera: Miridae) in sex pheromone traps in Cameroon cocoa plantations. <i>Crop Protection</i> , 2020, 127, 104959.	2.1	10
30	The diversity of aphid parasitoids in East Africa and implications for biological control. <i>Pest Management Science</i> , 2022, 78, 1109-1116.	3.4	9
31	Field margins and botanical insecticides enhance <i>Lablab purpureus</i> yield by reducing aphid pests and supporting natural enemies. <i>Journal of Applied Entomology</i> , 2022, 146, 838-849.	1.8	7
32	Natural Pest Regulation and Its Compatibility with Other Crop Protection Practices in Smallholder Bean Farming Systems. <i>Biology</i> , 2021, 10, 805.	2.8	6
33	Characterization of Hymenopteran Parasitoids of <i>Aphis fabae</i> in an African Smallholder Bean Farming System through Sequencing of COI Mini-Barcodes™. <i>Insects</i> , 2019, 10, 331.	2.2	5
34	Pesticidal Plants for Stored Product Pests on Small-holder Farms in Africa. , 2014, , 149-172.		5
35	Elements of agroecological pest and disease management. <i>Elementa</i> , 2022, 10, .	3.2	5
36	Plant competition as an ecosystem-based management tool for suppressing <i>Parthenium hysterophorus</i> in rangelands. <i>Rangelands</i> , 2021, 43, 57-64.	1.9	4

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37	Field Margin Plants Support Natural Enemies in Sub-Saharan Africa Smallholder Common Bean Farming Systems. <i>Plants</i> , 2022, 11, 898.	3.5	3
38	Flower colour diversity seen through the eyes of pollinators. A commentary on: "Floral colour structure in two Australian herbaceous communities: it depends on who is looking"™. <i>Annals of Botany</i> , 2019, 124, viii-ix.	2.9	2
39	Plant-Rich Field Margins Influence Natural Predators of Aphids More Than Intercropping in Common Bean. <i>Insects</i> , 2022, 13, 569.	2.2	1
40	Editorial overview: Pollinator ecology in the Anthropocene. <i>Current Opinion in Insect Science</i> , 2020, 38, iii-iv.	4.4	0