

H Martin Schaefer

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

5,555
citations

87843

38
h-index

91828

69
g-index

109
all docs

109
docs citations

109
times ranked

7076
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards the development of general rules describing landscape heterogeneityâ€“multifunctionality relationships. <i>Journal of Applied Ecology</i> , 2019, 56, 168-179.	1.9	42
2	Parasites in space and time: a case study of haemosporidian spatiotemporal prevalence in urban birds. <i>International Journal for Parasitology</i> , 2019, 49, 235-246.	1.3	26
3	A framework for prioritizing areas for conservation in tropical montane cloud forests. <i>Ecoscience</i> , 2018, 25, 97-108.	0.6	8
4	Habitat requirements and population estimate of the endangered Ecuadorian Tapaculo<i>Scytalopus robbinsi</i>. <i>Bird Conservation International</i> , 2018, 28, 302-318.	0.7	5
5	Reward regulation in plantâ€“frugivore networks requires only weak cues. <i>Nature Communications</i> , 2018, 9, 4838.	5.8	28
6	Projected impacts of climate change on habitat availability for an endangered parakeet. <i>PLoS ONE</i> , 2018, 13, e0191773.	1.1	20
7	Colour spaces in ecology and evolutionary biology. <i>Biological Reviews</i> , 2017, 92, 292-315.	4.7	142
8	Time and travelling costs during chickâ€“rearing in relation to habitat quality in Little Owls <i>Athene noctua</i>. <i>Ibis</i> , 2017, 159, 519-531.	1.0	16
9	Functional flower traits and their diversity drive pollinator visitation. <i>Oikos</i> , 2017, 126, 1020-1030.	1.2	80
10	Positive relationship between fruit removal by animals and seedling recruitment in a tropical forest. <i>Basic and Applied Ecology</i> , 2017, 20, 31-39.	1.2	13
11	Identifying Causes of Patterns in Ecological Networks: Opportunities and Limitations. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2017, 48, 559-584.	3.8	152
12	Importance of animal and plant traits for fruit removal and seedling recruitment in a tropical forest. <i>Oikos</i> , 2017, 126, 823-832.	1.2	59
13	Does flower and fruit conspicuousness affect plant fitness? Contrast, color coupling and the interplay of pollination and seed dispersal in two <i>Vaccinium</i> species. <i>Evolutionary Ecology</i> , 2017, 31, 229-247.	0.5	16
14	Decline in territory size and fecundity as a response to carrying capacity in an endangered songbird. <i>Oecologia</i> , 2017, 183, 597-606.	0.9	10
15	Phylogenetic and Functional Diversity of Fleshy-Fruited Plants Are Positively Associated with Seedling Diversity in a Tropical Montane Forest. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	1.1	5
16	No Evidence for Enforced Alloparental Care in a Cooperatively Breeding Parrot. <i>Ethology</i> , 2016, 122, 389-398.	0.5	3
17	Leaf colour polymorphisms: a balance between plant defence and photosynthesis. <i>Journal of Ecology</i> , 2016, 104, 104-113.	1.9	78
18	Weak correlation of flower color and nectar-tube depth in temperate grasslands. <i>Journal of Plant Ecology</i> , 2016, , rtw029.	1.2	8

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19	Locally rare species influence grassland ecosystem multifunctionality. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150269.	1.8	117
20	Biodiversity at multiple trophic levels is needed for ecosystem multifunctionality. <i>Nature</i> , 2016, 536, 456-459.	13.7	526
21	Floral colour change as a potential signal to pollinators. <i>Current Opinion in Plant Biology</i> , 2016, 32, 96-100.	3.5	22
22	The significance of shared leaf shape in <i>Alseuosmia pusilla</i> and <i>Pseudowintera colorata</i> . <i>Botany</i> , 2016, 94, 555-564.	0.5	8
23	Forests of opportunities and mischief: disentangling the interactions between forests, parasites and immune responses. <i>International Journal for Parasitology</i> , 2016, 46, 571-579.	1.3	23
24	Morphology predicts species' functional roles and their degree of specialization in plant-frugivore interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152444.	1.2	164
25	Avian haemosporidian parasites in an urban forest and their relationship to bird size and abundance. <i>Urban Ecosystems</i> , 2016, 19, 331-346.	1.1	32
26	Limited Dispersal and Significant Fine - Scale Genetic Structure in a Tropical Montane Parrot Species. <i>PLoS ONE</i> , 2016, 11, e0169165.	1.1	13
27	Spatial Isolation and Temporal Variation in Fitness and Condition Facilitate Divergence in a Migratory Divide. <i>PLoS ONE</i> , 2015, 10, e0144264.	1.1	4
28	Fruit advertisement strategies in two Neotropical plant-seed disperser markets. <i>Evolutionary Ecology</i> , 2015, 29, 489-509.	0.5	19
29	Signal Diversity, Sexual Selection, and Speciation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015, 46, 573-592.	3.8	37
30	Flower colours in temperate forest and grassland habitats: a comparative study. <i>Arthropod-Plant Interactions</i> , 2015, 9, 289-299.	0.5	12
31	Functional significance of anthocyanins in peduncles of <i>Sambucus nigra</i> . <i>Environmental and Experimental Botany</i> , 2015, 119, 18-26.	2.0	21
32	Effects of habitat management can vary over time during the recovery of an endangered bird species. <i>Biological Conservation</i> , 2015, 192, 154-160.	1.9	10
33	Bicolored display of <i>Miconia albicans</i> fruits: Evaluating visual and physiological functions of fruit colors. <i>American Journal of Botany</i> , 2015, 102, 1453-1461.	0.8	8
34	The relative importance of color signaling for plant generalization in pollination networks. <i>Oikos</i> , 2015, 124, 347-354.	1.2	16
35	Interactions between a Candidate Gene for Migration (ADCYAP1), Morphology and Sex Predict Spring Arrival in Blackcap Populations. <i>PLoS ONE</i> , 2015, 10, e0144587.	1.1	16
36	Self-supplementation and effects of dietary antioxidants during acute thermal stress. <i>Journal of Experimental Biology</i> , 2014, 217, 370-5.	0.8	19

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37	Fenestration: a window of opportunity for carnivorous plants. <i>Biology Letters</i> , 2014, 10, 20140134.	1.0	13
38	Urban forests as hubs for novel zoonosis: blood meal analysis, seasonal variation in Culicoides (Diptera: Ceratopogonidae) vectors, and avian haemosporidians â€“ CORRIGENDUM. <i>Parasitology</i> , 2014, 141, 1354-1354.	0.7	0
39	Limits of selection against cheaters: birds prioritise visual fruit advertisement over taste. <i>Oecologia</i> , 2014, 174, 1293-1300.	0.9	2
40	Adaptation of flower and fruit colours to multiple, distinct mutualists. <i>New Phytologist</i> , 2014, 201, 678-686.	3.5	47
41	Genetic depletion at adaptive but not neutral loci in an endangered bird species. <i>Molecular Ecology</i> , 2014, 23, 5712-5725.	2.0	45
42	Food allocation rules vary with age and experience in a cooperatively breeding parrot. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1037-1047.	0.6	6
43	Development of 12 microsatellite loci for the endangered Pale-headed Brushfinch (<i>Atlapetes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2014, 155, 835-839.	0.5	4
44	Why fruit rots: theoretical support for Janzen's theory of microbeâ€“macrobe competition. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133320.	1.2	32
45	Functional relationships beyond species richness patterns: trait matching in plantâ€“bird mutualisms across scales. <i>Global Ecology and Biogeography</i> , 2014, 23, 1085-1093.	2.7	129
46	Birds see the true colours of fruits to live off the fat of the land. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132516.	1.2	65
47	The proper time for antioxidant consumption. <i>Physiology and Behavior</i> , 2014, 128, 54-59.	1.0	18
48	Characterizing background heterogeneity in visual communication. <i>Basic and Applied Ecology</i> , 2014, 15, 326-335.	1.2	8
49	Increasing land-use intensity decreases floral colour diversity of plant communities in temperate grasslands. <i>Oecologia</i> , 2013, 173, 461-471.	0.9	23
50	Game theory, multi-modal signalling and the evolution of communication. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1417-1423.	0.6	7
51	Haemosporidian parasitism in the blackcap <i>Sylvia atricapilla</i> in relation to spring arrival and body condition. <i>Journal of Avian Biology</i> , 2013, 44, 521-530.	0.6	35
52	Rethinking the role of dietary antioxidants through the lens of self-medication. <i>Animal Behaviour</i> , 2013, 86, 17-24.	0.8	55
53	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2012â€“30 November 2012. <i>Molecular Ecology Resources</i> , 2013, 13, 341-343.	2.2	33
54	Fruit color and contrast in seasonal habitats â€“ a case study from a cerrado savanna. <i>Oikos</i> , 2013, 122, 1335-1342.	1.2	24

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55	How colorful are fruits? Limited color diversity in fleshy fruits on local and global scales. <i>New Phytologist</i> , 2013, 198, 617-629.	3.5	57
56	A novel framework to study colour signalling to multiple species. <i>Functional Ecology</i> , 2013, 27, 718-729.	1.7	11
57	Specialization on traits as basis for the niche breadth of flower visitors and as structuring mechanism of ecological networks. <i>Functional Ecology</i> , 2013, 27, 329-341.	1.7	212
58	Signal verification can promote reliable signalling. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131560.	1.2	11
59	Individual differences in migratory behavior shape population genetic structure and microhabitat choice in sympatric blackcaps (<i>Sylvia atricapilla</i>). <i>Ecology and Evolution</i> , 2013, 3, 4278-4289.	0.8	20
60	Urban forests as hubs for novel zoonosis: blood meal analysis, seasonal variation in <i>Culicoides</i> (Diptera: Ceratopogonidae) vectors, and avian haemosporidians. <i>Parasitology</i> , 2013, 140, 1799-1810.	0.7	63
61	Associations of Forest Type, Parasitism and Body Condition of Two European Passerines, <i>Fringilla coelebs</i> and <i>Sylvia atricapilla</i> . <i>PLoS ONE</i> , 2013, 8, e81395.	1.1	20
62	Contrasting Patterns of Genetic Differentiation among Blackcaps (<i>Sylvia atricapilla</i>) with Divergent Migratory Orientations in Europe. <i>PLoS ONE</i> , 2013, 8, e81365.	1.1	29
63	The conservation physiology of seed dispersal. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1708-1718.	1.8	52
64	Red leaf margins indicate increased polygodial content and function as visual signals to reduce herbivory in <i>Pseudowintera colorata</i> . <i>New Phytologist</i> , 2012, 194, 488-497.	3.5	72
65	By-product information can stabilize the reliability of communication. <i>Journal of Evolutionary Biology</i> , 2012, 25, 2412-2421.	0.8	10
66	Resting orientation enhances prey survival on strongly structured background. <i>Ecological Research</i> , 2012, 27, 107-113.	0.7	12
67	Specialization and interaction strength in a tropical plant-frugivore network differ among forest strata. <i>Ecology</i> , 2011, 92, 26-36.	1.5	144
68	Why fruits go to the dark side. <i>Acta Oecologica</i> , 2011, 37, 604-610.	0.5	32
69	The Evolution of the Multicoloured Face of Mandrills: Insights from the Perceptual Space of Colour Vision. <i>PLoS ONE</i> , 2011, 6, e29117.	1.1	33
70	Alternative explanations for apparent mimicry. <i>Journal of Ecology</i> , 2011, 99, 899-904.	1.9	17
71	Garden Warbler, <i>Sylvia borin</i> , detect carotenoids in food but differ strongly in individual food choice. <i>Journal of Ornithology</i> , 2011, 152, 153-159.	0.5	14
72	The origin and dynamic evolution of chemical information transfer. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 970-979.	1.2	156

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73	Spring arrival along a migratory divide of sympatric blackcaps (<i>Sylvia atricapilla</i>). <i>Oecologia</i> , 2010, 162, 175-183.	0.9	38
74	Fruit size, crop mass, and plant height explain differential fruit choice of primates and birds. <i>Oecologia</i> , 2010, 164, 151-161.	0.9	64
75	Communication theory and the form of receiver-mediated selection. <i>Trends in Ecology and Evolution</i> , 2010, 25, 383-384.	4.2	2
76	Visual communication: evolution, ecology, and functional mechanisms. , 2010, , 3-28.		16
77	Concealed by conspicuousness: distractive prey markings and backgrounds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1905-1910.	1.2	58
78	Chromaticity in the UV/blue range facilitates the search for achromatically background-matching prey in birds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 511-517.	1.8	13
79	Contemporary Evolution of Reproductive Isolation and Phenotypic Divergence in Sympatry along a Migratory Divide. <i>Current Biology</i> , 2009, 19, 2097-2101.	1.8	152
80	Geographic patterns in fruit colour diversity: do leaves constrain the colour of fleshy fruits?. <i>Oecologia</i> , 2009, 159, 337-343.	0.9	65
81	Ontogenetic colour changes in an insular tree species: signalling to extinct browsing birds?. <i>New Phytologist</i> , 2009, 184, 495-501.	3.5	111
82	Deception in plants: mimicry or perceptual exploitation?. <i>Trends in Ecology and Evolution</i> , 2009, 24, 676-685.	4.2	174
83	Reliable cues and signals of fruit quality are contingent on the habitat in black elder (<i>Sambucus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.5 25		
84	Does attraction to frugivores or defense against pathogens shape fruit pulp composition?. <i>Oecologia</i> , 2008, 155, 277-286.	0.9	73
85	Long- term effects of previous experience determine nutrient discrimination abilities in birds. <i>Frontiers in Zoology</i> , 2008, 5, 4.	0.9	21
86	Fruit for health: the effect of flavonoids on humoral immune response and food selection in a frugivorous bird. <i>Functional Ecology</i> , 2008, 22, 649-654.	1.7	81
87	Life history trade-offs are influenced by the diversity, availability and interactions of dietary antioxidants. <i>Animal Behaviour</i> , 2008, 76, 1107-1119.	0.8	208
88	Fatal attraction: carnivorous plants roll out the red carpet to lure insects. <i>Biology Letters</i> , 2008, 4, 153-155.	1.0	65
89	Isolation of 10 tetranucleotide microsatellite loci in the blackcap (<i>Sylvia atricapilla</i>). <i>Molecular Ecology Resources</i> , 2008, 8, 1108-1110.	2.2	9
90	Enhancement of chromatic contrast increases predation risk for striped butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1535-1541.	1.2	44

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91	Anthocyanins Reduce Fungal Growth in Fruits. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.2	36
92	Are Fruit Colors Adapted to Consumer Vision and Birds Equally Efficient in Detecting Colorful Signals?. <i>American Naturalist</i> , 2007, 169, S159-S169.	1.0	114
93	Aphids do not attend to leaf colour as visual signal, but to the handicap of reproductive investment. <i>Biology Letters</i> , 2007, 3, 1-4.	1.0	39
94	How to investigate a putative signal? Stick to the right method when assessing the response of a receiver. <i>Biology Letters</i> , 2007, 3, 152-153.	1.0	5
95	Modelling the evolution of leaf colouration with binary assumptions is barking up the wrong tree. <i>Journal of Theoretical Biology</i> , 2007, 249, 638-639.	0.8	13
96	Do aphids paint the tree red (or yellow)â€™ can herbivore resistance or photoprotection explain colourful leaves in autumn?. <i>Plant Ecology</i> , 2007, 191, 77-84.	0.7	28
97	The role of chromatic and achromatic signals for fruit detection by birds. <i>Behavioral Ecology</i> , 2006, 17, 784-789.	1.0	89
98	The fruits of selectivity: how birds forage on <i>Goupia glabra</i> fruits of different ripeness. <i>Journal of Ornithology</i> , 2006, 147, 638-643.	0.5	20
99	Plants on red alert: do insects pay attention?. <i>BioEssays</i> , 2006, 28, 65-71.	1.2	108
100	Do alternative hypotheses evoke â€™red alertâ€™™ among co-evolutionists?. <i>BioEssays</i> , 2006, 28, 960-961.	1.2	9
101	Disruptive coloration provides camouflage independent of background matching. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2427-2432.	1.2	182
102	How Much Suitable Habitat is Left for the Last Known Population of the Pale-Headed Brush-Finch?. <i>Condor</i> , 2004, 106, 429-434.	0.7	3
103	HOW MUCH SUITABLE HABITAT IS LEFT FOR THE LAST KNOWN POPULATION OF THE PALE-HEADED BRUSH-FINCH?. <i>Condor</i> , 2004, 106, 429.	0.7	3
104	Red leaves, insects and coevolution: a red herring?. <i>Trends in Ecology and Evolution</i> , 2004, 19, 616-618.	4.2	91
105	Cowbird parasitism of Pale-headed Brush-finch <i>Atlapetes pallidiceps</i> : implications for conservation and management. <i>Bird Conservation International</i> , 2004, 14, 63-75.	0.7	20
106	Testing the defence trade-off hypothesis: how contents of nutrients and secondary compounds affect fruit removal. <i>Oikos</i> , 2003, 102, 318-328.	1.2	101
107	DESCRIPTION OF THE NEST, EGGS, AND BREEDING BEHAVIOR OF THE ENDANGERED PALE-HEADED BRUSH-FINCH (<i>ATLAPETES PALLIDICEPS</i>) IN ECUADOR. <i>The Wilson Bulletin</i> , 2003, 115, 360-366.	0.5	10
108	Effects of forest fragmentation on the morphological and genetic structure of a dispersal-limited, endangered bird species. <i>Nature Conservation</i> , 0, 16, 39-58.	0.0	16