Geoffrey E Hill

List of Publications by Year
in descending order

290	19,314	9264 74	19749 117
papers	citations	h-index	g-index

296	296	296	13371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A response to estimating hybridization in the wild using community science data: A path forward. Evolution; International Journal of Organic Evolution, 2022, 76, 359-361.	2.3	1
2	A combination of red structural and pigmentary coloration in the eyespot of a copepod. Journal of the Royal Society Interface, 2022, 19, .	3.4	3
3	Detection of Porphyrins in Hair Using Capillary Liquid Chromatography-Mass Spectrometry. International Journal of Molecular Sciences, 2022, 23, 6230.	4.1	3
4	Chemical manipulation of mitochondrial function affects metabolism of red carotenoids in a marine copepod (Tigriopus californicus). Journal of Experimental Biology, 2022, 225, .	1.7	7
5	Ultraviolet irradiation alters the density of inner mitochondrial membrane and proportion of inter-mitochondrial junctions in copepod myocytes. Mitochondrion, 2021, 56, 82-90.	3.4	5
6	Effects of a Bacterial Infection on Mitochondrial Function and Oxidative Stress in a Songbird. Physiological and Biochemical Zoology, 2021, 94, 71-82.	1.5	3
7	Levels of pathogen virulence and host resistance both shape the antibody response to an emerging bacterial disease. Scientific Reports, 2021, 11, 8209.	3.3	5
8	Integrating Mitochondrial Aerobic Metabolism into Ecology and Evolution. Trends in Ecology and Evolution, 2021, 36, 321-332.	8.7	87
9	A Review and Assessment of the Shared-Pathway Hypothesis for the Maintenance of Signal Honesty in Red Ketocarotenoid-Based Coloration. Integrative and Comparative Biology, 2021, 61, 1811-1826.	2.0	14
10	A response to Justen etÂal. 2020: Estimating hybridization rates in the wild: Easier said than done?. Evolution; International Journal of Organic Evolution, 2021, 75, 2145-2147.	2.3	4
11	Ecomorphs are not species: the case of locally adapted populations of red crossbills. Journal of Avian Biology, 2021, 52, .	1.2	3
12	Evidence for hybrid breakdown in production of red carotenoids in the marine invertebrate Tigriopus californicus. PLoS ONE, 2021, 16, e0259371.	2.5	5
13	An experimental test of mate choice for red carotenoid coloration in the marine copepod Tigriopus californicus. Ethology, 2020, 126, 344-352.	1.1	9
14	Genetic Basis of De Novo Appearance of Carotenoid Ornamentation in Bare Parts of Canaries. Molecular Biology and Evolution, 2020, 37, 1317-1328.	8.9	30
15	Genetic hitchhiking, mitonuclear coadaptation, and the origins of mt DNA barcode gaps. Ecology and Evolution, 2020, 10, 9048-9059.	1.9	12
16	Predicting adult lifespan and lifetime reproductive success from early-life reproductive events. Marine Biology, 2020, 167, 1.	1.5	7
17	Experimental evidence for stabilizing selection on virulence in a bacterial pathogen. Evolution Letters, 2020, 4, 491-501.	3.3	16
18	A genetic mechanism for sexual dichromatism in birds. Science, 2020, 368, 1270-1274.	12.6	71

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19	Multiple differences in pathogen-host cell interactions following a bacterial host shift. Scientific Reports, 2020, 10, 6779.	3.3	5
20	Birds rarely hybridize: A citizen science approach to estimating rates of hybridization in the wild*. Evolution; International Journal of Organic Evolution, 2020, 74, 1216-1223.	2.3	16
21	The relative importance of various mating criteria in copepods. Journal of Plankton Research, 2020, 42, 19-30.	1.8	1
22	Mitonuclear Compensatory Coevolution. Trends in Genetics, 2020, 36, 403-414.	6.7	45
23	Beyond the Powerhouse: Integrating Mitonuclear Evolution, Physiology, and Theory in Comparative Biology. Integrative and Comparative Biology, 2019, 59, 856-863.	2.0	17
24	Contrasting evolution of virulence and replication rate in an emerging bacterial pathogen. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16927-16932.	7.1	23
25	Loss of Carotenoid Plumage Coloration Is Associated With Loss of Choice for Coloration in Domestic Canaries. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	1
26	Plumage redness signals mitochondrial function in the house finch. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191354.	2.6	52
27	Extreme Competence: Keystone Hosts of Infections. Trends in Ecology and Evolution, 2019, 34, 303-314.	8.7	46
28	An Ecologistâ€™s Guide to Mitochondrial DNA Mutations and Senescence. Integrative and Comparative Biology, 2019, 59, 970-982.	2.0	12
29	Testing the resource tradeoff hypothesis for carotenoid-based signal honesty using genetic variants of the domestic canary. Journal of Experimental Biology, 2019, 222, .	1.7	18
30	Reconciling the Mitonuclear Compatibility Species Concept with Rampant Mitochondrial Introgression. Integrative and Comparative Biology, 2019, 59, 912-924.	2.0	39
31	Evolution of both host resistance and tolerance to an emerging bacterial pathogen. Evolution Letters, 2019, 3, 544-554.	3.3	24
32	Assessing the fitness consequences of mitonuclear interactions in natural populations. Biological Reviews, 2019, 94, 1089-1104.	10.4	90
33	Mitonuclear Ecology. , 2019, , .		66
34	Behavioural mating displays depend on mitochondrial function: a potential mechanism for linking behaviour to individual condition. Biological Reviews, 2018, 93, 1387-1398.	10.4	13
35	Do carotenoidâ€based ornaments entail resource tradeâ€offs? An evaluation of theory and data. Functional Ecology, 2018, 32, 1908-1920.	3.6	61
36	Detection ofMycoplasma gallisepticumin House Finches (Haemorhous mexicanus) from Arizona. Avian Diseases, 2018, 62, 14-17.	1.0	19

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37	No evidence that carotenoid pigments boost either immune or antioxidant defenses in a songbird. Nature Communications, 2018, 9, 491.	12.8	1,639
38	Mitonuclear Mate Choice: A Missing Component of Sexual Selection Theory?. BioEssays, 2018, 40, 1700191.	2.5	21
39	On the bioconversion of dietary carotenoids to astaxanthin in the marine copepod, Tigriopus californicus. Journal of Plankton Research, 2018, 40, 142-150.	1.8	27
40	Bacterial Pathogen Emergence Requires More than Direct Contact with a Novel Passerine Host. Infection and Immunity, 2018, 86, .	2.2	8
41	Carotenoid metabolism strengthens the link between feather coloration and individual quality. Nature Communications, 2018, 9, 73.	12.8	136
42	Testing the efficacy of a virtual realityâ€based simulation in enhancing usersâ€™ knowledge, attitudes, and empathy relating to psychosis. Australian Journal of Psychology, 2018, 70, 57-65.	2.8	54
43	Rapid Antagonistic Coevolution in an Emerging Pathogen and Its Vertebrate Host. Current Biology, 2018, 28, 2978-2983.e5.	3.9	21
44	An in vivo test of the biologically relevant roles of carotenoids as antioxidants in animals. Journal of Experimental Biology, 2018, 221, .	1.7	17
45	Hybrid speciation in birds, with special reference to Darwin's finches. Journal of Avian Biology, 2018, 49, e01879.	1.2	3
46	An assessment of techniques to manipulate oxidative stress in animals. Functional Ecology, 2017, 31, 9-21.	3.6	69
47	The mitonuclear compatibility species concept. Auk, 2017, 134, 393-409.	1.4	78
48	High-density lipoprotein receptor SCARB1 is required for carotenoid coloration in birds. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5219-5224.	7.1	104
49	What maintains signal honesty in animal colour displays used in mate choice?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160343.	4.0	109
50	The biology of color. Science, 2017, 357, .	12.6	509
51	Mitochondrial function, ornamentation, and immunocompetence. Biological Reviews, 2017, 92, 1459-1474.	10.4	93
52	Developers, Quality Control and Download Volume in Open Source Software (OSS) Projects. Journal of Organizational and End User Computing, 2017, 29, 43-66.	2.9	1
53	Effects of diet on plumage coloration and carotenoid deposition in red and yellow domestic canaries (Serinus canaria). Wilson Journal of Ornithology, 2016, 128, 328.	0.2	14
54	Genetic Basis for Red Coloration in Birds. Current Biology, 2016, 26, 1427-1434.	3.9	192

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55	Copper exposure reduces production of red carotenoids in a marine copepod. Ecological Indicators, 2016, 70, 393-400.	6.3	14
56	Corruption of dendritic cell antigen presentation during acute GVHD leads to regulatory T-cell failure and chronic GVHD. Blood, 2016, 128, 794-804.	1.4	49
57	The Importance of Carotenoid Dose in Supplementation Studies with Songbirds. Physiological and Biochemical Zoology, 2016, 89, 61-71.	1.5	17
58	Mitonuclear coevolution as the genesis of speciation and the mitochondrial <scp>DNA</scp> barcode gap. Ecology and Evolution, 2016, 6, 5831-5842.	1.9	120
59	Evolutionary innovation and diversification of carotenoidâ€based pigmentation in finches. Evolution; International Journal of Organic Evolution, 2016, 70, 2839-2852.	2.3	22
60	<scp>SNP</scp>s across time and space: population genomic signatures of founder events and epizootics in the House Finch (Haemorhous mexicanus). Ecology and Evolution, 2016, 6, 7475-7489.	1.9	40
61	Rapid Evolution of Bright Monochromatism in the Domestic Atlantic Canary (Serinus canaria). Wilson Journal of Ornithology, 2015, 127, 615-621.	0.2	4
62	High Concentrations of Ketocarotenoids in Hepatic Mitochondria ofHaemorhous mexicanus. Physiological and Biochemical Zoology, 2015, 88, 444-450.	1.5	24
63	Plumage color and pathogen-induced gene expression in a wild bird. Behavioral Ecology, 2015, 26, 1100-1110.	2.2	7
64	Sexiness, Individual Condition, and Species Identity: The Information Signaled by Ornaments and Assessed by Choosing Females. Evolutionary Biology, 2015, 42, 251-259.	1.1	40
65	Mitonuclear Ecology. Molecular Biology and Evolution, 2015, 32, 1917-1927.	8.9	138
66	An experimental test of the role of structural blue and melanin-based chestnut coloration in aggressive contests in male eastern bluebirds. Frontiers in Ecology and Evolution, 2014, 2, .	2.2	9
67	Sex linkage of nuclear-encoded mitochondrial genes. Heredity, 2014, 112, 469-470.	2.6	21
68	Coccidial infection does not influence preening behavior in American goldfinches. Acta Ethologica, 2014, 17, 107-111.	0.9	5
69	Cellular Respiration: The Nexus of Stress, Condition, and Ornamentation. Integrative and Comparative Biology, 2014, 54, 645-657.	2.0	96
70	Stress, Condition, and Ornamentation. Integrative and Comparative Biology, 2014, 54, 533-538.	2.0	6
71	Carotenoid coloration predicts escape performance in the House Finch (Haemorhous mexicanus). Auk, 2014, 131, 275-281.	1.4	5
72	A house finch (Haemorhous mexicanus) spleen transcriptome reveals intra- and interspecific patterns of gene expression, alternative splicing and genetic diversity in passerines. BMC Genomics, 2014, 15, 305.	2.8	12

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73	Is the juvenal plumage of altricial songbirds an honest signal of age? Evidence from a comparative study of thrushes (Passeriformes: Turdidae). Journal of Zoological Systematics and Evolutionary Research, 2013, 51, 64-71.	1.4	7
74	Prevalence of Blood Parasites in Eastern Versus Western House Finches: Are Eastern Birds Resistant to Infection?. EcoHealth, 2013, 10, 290-297.	2.0	6
75	Ketocarotenoid circulation, but not retinal carotenoid accumulation, is linked to eye disease status in a wild songbird. Archives of Biochemistry and Biophysics, 2013, 539, 156-162.	3.0	6
76	Changes in concentrations of circulating heat-shock proteins in House Finches in response to different environmental stressors. Journal of Field Ornithology, 2013, 84, 416-424.	0.5	9
77	Is carotenoid ornamentation linked to the inner mitochondria membrane potential? A hypothesis for the maintenance of signal honesty. Biochimie, 2013, 95, 436-444.	2.6	73
78	Seasonal use of habitat by shrub-breeding birds in a southeastern national forest. Wilson Journal of Ornithology, 2013, 125, 731-743.	0.2	7
79	Effect of Prenatal and Natal Administration of Testosterone on Production of Structurally Based Plumage Coloration. Physiological and Biochemical Zoology, 2013, 86, 323-332.	1.5	9
80	The mitonuclear compatibility hypothesis of sexual selection. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131314.	2.6	65
81	Risk of Exposure to Eastern Equine Encephalomyelitis Virus Increases with the Density of Northern Cardinals. PLoS ONE, 2013, 8, e57879.	2.5	15
82	BIRKHEAD, Tim. Bird sense: what it's like to be a bird. Bloomsbury, London: 2012. Pp xii, 265; illustrated. Price Â£ 16.99 (hardback). ISBN 9781408820131.. Archives of Natural History, 2013, 40, 372-373.	0.3	0
83	Ultrafast Evolution and Loss of CRISPRs Following a Host Shift in a Novel Wildlife Pathogen, Mycoplasma gallisepticum. PLoS Genetics, 2012, 8, e1002511.	3.5	145
84	Developing Models for the Forage Ratios of Culiseta melanura and Culex erraticus Using Species Characteristics for Avian Hosts. Journal of Medical Entomology, 2012, 49, 378-387.	1.8	12
85	Experimental evidence for distinct costs of pathogenesis and immunity against a natural pathogen in a wild bird. Molecular Ecology, 2012, 21, 4787-4796.	3.9	31
86	Primer design and transcript quantification of a highly multiplexed RTâ€PCR for a nonmodel avian species. Molecular Ecology Resources, 2012, 12, 116-122.	4.8	4
87	Diversity of birds in eastern <scp>N</scp>orth <scp>A</scp>merica shifts north with global warming. Ecology and Evolution, 2012, 2, 3052-3060.	1.9	22
88	The Vitamin Aâ€“Redox Hypothesis: A Biochemical Basis for Honest Signaling via Carotenoid Pigmentation. American Naturalist, 2012, 180, E127-E150.	2.1	144
89	Delayed plumage maturation and delayed reproductive investment in birds. Biological Reviews, 2012, 87, 257-274.	10.4	96
90	Effects of species ecology and urbanization on accuracy of a cover-type model: A test using GAP analysis. Landscape and Urban Planning, 2012, 105, 417-424.	7.5	10

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91	Dynamic versus static occupancy: How stable are habitat associations through a breeding season?. Ecosphere, 2012, 3, 1-13.	2.2	17
92	Predicting Occupancy of Wintering Migratory Birds : Is Microhabitat Information Necessary?. Condor, 2012, 114, 482-490.	1.6	20
93	Climate change and the decline of a once common bird. Ecology and Evolution, 2012, 2, 370-378.	1.9	23
94	Innate immunity and the evolution of resistance to an emerging infectious disease in a wild bird. Molecular Ecology, 2012, 21, 2628-2639.	3.9	50
95	Invasive Ants Alter Foraging and Parental Behaviors of a Native Bird. Ethology, 2012, 118, 858-866.	1.1	6
96	House Finch (Haemorhous mexicanus). , 2012, , .		38
97	Using Public Land Cover Data to Determine Habitat Associations of Breeding Birds in Tuskegee National Forest, Alabama. Southern Journal of Applied Forestry, 2011, 35, 199-209.	0.3	6
98	Invasive Fire Ants Reduce Reproductive Success and Alter the Reproductive Strategies of a Native Vertebrate Insectivore. PLoS ONE, 2011, 6, e22578.	2.5	5
99	Condition-dependent traits as signals of the functionality of vital cellular processes. Ecology Letters, 2011, 14, 625-634.	6.4	294
100	Effect of feather abrasion on structural coloration in male eastern bluebirds Sialia sialis. Journal of Avian Biology, 2011, 42, 514-521.	1.2	21
101	Influence of Hatch Order on Begging and Plumage Coloration of Nestling Eastern Bluebirds. Wilson Journal of Ornithology, 2011, 123, 772-778.	0.2	7
102	A Multi-Year Study of Mosquito Feeding Patterns on Avian Hosts in a Southeastern Focus of Eastern Equine Encephalitis Virus. American Journal of Tropical Medicine and Hygiene, 2011, 84, 718-726.	1.4	46
103	Rapid evolution of disease resistance is accompanied by functional changes in gene expression in a wild bird. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7866-7871.	7.1	132
104	A Multi-Scale Analysis of Competition between the House Finch and House Sparrow in the Southeastern United States. Condor, 2011, 113, 462-468.	1.6	4
105	Actual or Perceived Abundance? Interpreting Annual Survey Data in the Face of Changing Phenologies. Condor, 2011, 113, 490-500.	1.6	14
106	Host Reproductive Phenology Drives Seasonal Patterns of Host Use in Mosquitoes. PLoS ONE, 2011, 6, e17681.	2.5	35
107	Detrimental effects of carotenoid pigments: the dark side of bright coloration. Die Naturwissenschaften, 2010, 97, 637-644.	1.6	48
108	Sex-biased parental investment is correlated with mate ornamentation in eastern bluebirds. Animal Behaviour, 2010, 79, 727-734.	1.9	20

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109	Autoreactive T Cells Escaping Thymic Deletion in REL-B Deficient Mice Depend on Dendritic Cell-encoded REL-B for Control of Autoimmunity. Clinical Immunology, 2010, 135, S134-S135.	3.2	0
110	A molecular phylogenetic hypothesis for the manakins (Aves: Pipridae). Molecular Phylogenetics and Evolution, 2010, 55, 733-737.	2.7	25
111	Developing GIS-based eastern equine encephalitis vector-host models in Tuskegee, Alabama. International Journal of Health Geographics, 2010, 9, 12.	2.5	21
112	Vectorâ€“Host Interactions in Avian Nests: Do Mosquitoes Prefer Nestlings over Adults?. American Journal of Tropical Medicine and Hygiene, 2010, 83, 395-399.	1.4	32
113	Feeding decisions of eastern bluebirds are situationally influenced by fledgling plumage color. Behavioral Ecology, 2010, 21, 456-464.	2.2	26
114	Carotenoid Access, Nutritional Stress, and the Dewlap Color of Male Brown Anoles. Copeia, 2010, 2010, 239-246.	1.3	40
115	The Effects of West Nile Virus on the Reproductive Success and Overwinter Survival of Eastern Bluebirds in Alabama. Vector-Borne and Zoonotic Diseases, 2010, 10, 159-163.	1.5	8
116	Estimation of Dispersal Distances of Culex erraticus in a Focus of Eastern Equine Encephalitis Virus in the Southeastern United States. Journal of Medical Entomology, 2010, 47, 977-986.	1.8	28
117	A multifactorial test of the effects of carotenoid access, food intake and parasite load on the production of ornamental feathers and bill coloration in American goldfinches. Journal of Experimental Biology, 2009, 212, 1225-1233.	1.7	43
118	Do adult eastern bluebird, Sialia sialis, males recognize juvenile-specific traits?. Animal Behaviour, 2009, 77, 1267-1272.	1.9	11
119	A field test of female mate preference for male plumage coloration in eastern bluebirds. Animal Behaviour, 2009, 78, 879-885.	1.9	12
120	Do feather-degrading bacteria affect sexually selected plumage color?. Die Naturwissenschaften, 2009, 96, 123-128.	1.6	60
121	Do museum specimens accurately represent wild birds? A case study of carotenoid, melanin, and structural colours in longâ€tailed manakins Chiroxiphia linearis. Journal of Avian Biology, 2009, 40, 146-156.	1.2	73
122	Adoption by a Territorial Passerine. Wilson Journal of Ornithology, 2009, 121, 830-834.	0.2	2
123	Assessing Mosquito Feeding Patterns on Nestling and Brooding Adult Birds Using Microsatellite Markers. American Journal of Tropical Medicine and Hygiene, 2009, 81, 534-537.	1.4	11
124	Assessing mosquito feeding patterns on nestling and brooding adult birds using microsatellite markers. American Journal of Tropical Medicine and Hygiene, 2009, 81, 534-7.	1.4	5
125	Female choice for genetic complementarity in birds: a review. Genetica, 2008, 134, 147-158.	1.1	59
126	Evolution of sexâ€biased maternal effects in birds. IV. Intraâ€ovarian growth dynamics can link sex determination and sexâ€specific acquisition of resources. Journal of Evolutionary Biology, 2008, 21, 449-460.	1.7	36

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127	Bacteria as an Agent for Change in Structural Plumage Color: Correlational and Experimental Evidence. American Naturalist, 2007, 169, S112-S121.	2.1	112
128	A multiplex set of microsatellite markers for the scarlet rosefinch (Carpodacus erythrinus). Molecular Ecology Notes, 2007, 7, 1375-1378.	1.7	11
129	Sex-specific costs of reproduction in Eastern Bluebirds Sialia sialis. Ibis, 2007, 150, 32-39.	1.9	20
130	Fighting ability and motivation: determinants of dominance and contest strategies in females of a passerine bird. Animal Behaviour, 2007, 74, 1675-1681.	1.9	59
131	The Evolution of Signal Design in Manakin Plumage Ornaments. American Naturalist, 2007, 169, S62-S80.	2.1	71
132	An experimental test of female choice relative to male structural coloration in eastern bluebirds. Behavioral Ecology and Sociobiology, 2007, 61, 623-630.	1.4	30
133	The effect of rearing environment on blue structural coloration of eastern bluebirds (Sialia sialis). Behavioral Ecology and Sociobiology, 2007, 61, 1839-1846.	1.4	45
134	A cDNA macroarray approach to parasiteâ€induced gene expression changes in a songbird host: genetic response of house finches to experimental infection by Mycoplasma gallisepticum. Molecular Ecology, 2006, 15, 1263-1273.	3.9	36
135	Iridescent plumage in satin bowerbirds: structure, mechanisms and nanostructural predictors of individual variation in colour. Journal of Experimental Biology, 2006, 209, 380-390.	1.7	115
136	Evolution of sex-biased maternal effects in birds: III. Adjustment of ovulation order can enable sex-specific allocation of hormones, carotenoids, and vitamins. Journal of Evolutionary Biology, 2006, 19, 1044-1057.	1.7	85
137	Mechanisms of evolutionary change in structural plumage coloration among bluebirds (Sialia spp.). Journal of the Royal Society Interface, 2006, 3, 527-532.	3.4	28
138	Evolutionary transitions and mechanisms of matte and iridescent plumage coloration in grackles and allies (Icteridae). Journal of the Royal Society Interface, 2006, 3, 777-786.	3.4	64
139	Carotenoid-based breast plumage colour, body condition and clutch size in red fodies (Foudia) Tj ETQq1 1 0.784314 rgBT /Overloc	1.1	7
140	Evidence Suggesting that Ivory-billed Woodpeckers (Campephilus principalis) Exist in Florida. Avian Conservation and Ecology, 2006, 1, .	0.8	30
141	Male House Finches with Elaborate Songs have Higher Reproductive Performance. Ethology, 2006, 112, 174-180.	1.1	20
142	Yolk androgens vary inversely to maternal androgens in Eastern Bluebirds: an experimental study. Functional Ecology, 2006, 20, 449-456.	3.6	60
143	Egg coloration is correlated with female condition in eastern bluebirds (Sialia sialis). Behavioral Ecology and Sociobiology, 2006, 59, 651-656.	1.4	105
144	Yolk androgen deposition as a compensatory strategy. Behavioral Ecology and Sociobiology, 2006, 60, 392-398.	1.4	49

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145	A dynamic transmission model of eastern equine encephalitis virus. Ecological Modelling, 2006, 192, 425-440.	2.5	37
146	Yolk Antioxidants Vary with Male Attractiveness and Female Condition in the House Finch (Carpodacus mexicanus). Physiological and Biochemical Zoology, 2006, 79, 1098-1105.	1.5	48
147	Yolk Testosterone Stimulates Growth and Immunity in House Finch Chicks. Physiological and Biochemical Zoology, 2006, 79, 550-555.	1.5	79
148	An experimental test of the contributions and condition dependence of microstructure and carotenoids in yellow plumage coloration. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2985-2991.	2.6	73
149	Use of Culture-Independent Methods to Compare Bacterial Assemblages on Feathers of Crested and Least Auklets (Aethia cristatella and Aethia pusilla) with Those of Passerines. Waterbirds, 2006, 29, 507-511.	0.3	10
150	Significance of a basal melanin layer to production of non-iridescent structural plumage color: evidence from an amelanotic Steller's jay(Cyanocitta stelleri). Journal of Experimental Biology, 2006, 209, 1245-1250.	1.7	113
151	Environmental Regulation of Ornamental Coloration. , 2006, , 507-560.		29
152	12. Environmental Regulation of Ornamental Coloration. , 2006, , 507-560.		20
153	Blue structural coloration of male eastern bluebirdsSialia sialispredicts incubation provisioning to females. Journal of Avian Biology, 2005, 36, 488-493.	1.2	31
154	EVIDENCE FOR SEXUAL SELECTION ON STRUCTURAL PLUMAGE COLORATION IN FEMALE EASTERN BLUEBIRDS (SIALIA SIALIS). Evolution; International Journal of Organic Evolution, 2005, 59, 1819-1828.	2.3	143
155	Ornamental plumage coloration and condition are dependent on age in eastern bluebirdsSialia sialis. Journal of Avian Biology, 2005, 36, 428-435.	1.2	62
156	The anatomical basis of sexual dichromatism in non-iridescent ultraviolet-blue structural coloration of feathers. Biological Journal of the Linnean Society, 2005, 84, 259-271.	1.6	50
157	UV-blue structural coloration and competition for nestboxes in male eastern bluebirds. Animal Behaviour, 2005, 69, 67-72.	1.9	115
158	The effect of coccidial infection on iridescent plumage coloration in wild turkeys. Animal Behaviour, 2005, 69, 387-394.	1.9	102
159	The physiological costs of being colourful: nutritional control of carotenoid utilization in the American goldfinch, Carduelis tristis. Animal Behaviour, 2005, 69, 653-660.	1.9	93
160	Microbial Diversity of Wild Bird Feathers Revealed throughCulture-Based and Culture-Independent Techniques. Microbial Ecology, 2005, 50, 40-47.	2.8	88
161	A simple and inexpensive chemical test for behavioral ecologists to determine the presence of carotenoid pigments in animal tissues. Behavioral Ecology and Sociobiology, 2005, 57, 391-397.	1.4	64
162	Carotenoid-based plumage coloration predicts resistance to a novel parasite in the house finch. Die Naturwissenschaften, 2005, 92, 30-34.	1.6	65

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163	EVIDENCE FOR SEXUAL SELECTION ON STRUCTURAL PLUMAGE COLORATION IN FEMALE EASTERN BLUEBIRDS (SIALIA SIALIS). Evolution; International Journal of Organic Evolution, 2005, 59, 1819.	2.3	8
164	SUSCEPTIBILITY OF WILD SONGBIRDS TO THE HOUSE FINCH STRAIN OF MYCOPLASMA GALLISEPTICUM. Journal of Wildlife Diseases, 2005, 41, 317-325.	0.8	39
165	Variable Effects of Yolk Androgens on Growth, Survival, and Immunity in Eastern Bluebird Nestlings. Physiological and Biochemical Zoology, 2005, 78, 570-578.	1.5	129
166	Effects of breeding density and plumage coloration on mate guarding and cuckoldry in blue grosbeaks (Passerina caerulea). Canadian Journal of Zoology, 2005, 83, 1143-1148.	1.0	12
167	Carotenoids need structural colours to shine. Biology Letters, 2005, 1, 121-124.	2.3	211
168	Male eastern bluebirds trade future ornamentation for current reproductive investment. Biology Letters, 2005, 1, 208-211.	2.3	67
169	Blue structural coloration of male eastern bluebirds Sialia sialis predicts incubation provisioning to females. Journal of Avian Biology, 2005, .	1.2	0
170	Evidence for sexual selection on structural plumage coloration in female eastern bluebirds (Sialia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	43
171	You Can't Judge a Pigment by its Color: Carotenoid and Melanin Content of Yellow and Brown Feathers in Swallows, Bluebirds, Penguins, and Domestic Chickens. Condor, 2004, 106, 390-395.	1.6	83
172	Mosquito and Arbovirus Activity During 1997-2002 in a Wetland in Northeastern Mississippi. Journal of Medical Entomology, 2004, 41, 495-501.	1.8	52
173	The effect of mycoplasmosis on carotenoid plumage coloration in male house finches. Journal of Experimental Biology, 2004, 207, 2095-2099.	1.7	43
174	Mate Attentiveness, Seasonal Timing of Breeding and Long-term Pair Bonding in the House Finch (Carpodacus mexicanus). Behaviour, 2004, 141, 1-13.	0.8	10
175	ECOLOGY: A Head Start for Some Redstarts. Science, 2004, 306, 2201-2202.	12.6	3
176	Correlated changes in male plumage coloration and female mate choice in cardueline finches. Animal Behaviour, 2004, 67, 27-35.	1.9	40
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