

Roberto Ambrosini

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

5,162
citations

81900

39
h-index

114465

63
g-index

161
all docs

161
docs citations

161
times ranked

5882
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate warming, ecological mismatch at arrival and population decline in migratory birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 835-842.	2.6	321
2	First evidence of microplastic contamination in the supraglacial debris of an alpine glacier. <i>Environmental Pollution</i> , 2019, 253, 297-301.	7.5	230
3	Temporal variability and effect of environmental variables on airborne bacterial communities in an urban area of Northern Italy. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 6561-6570.	3.6	165
4	Ecological conditions during winter affect sexual selection and breeding in a migratory bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 681-686.	2.6	153
5	Unravelling the bacterial diversity in the atmosphere. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4727-4736.	3.6	138
6	A quantitative measure of migratory connectivity. <i>Journal of Theoretical Biology</i> , 2009, 257, 203-211.	1.7	119
7	Seasonal variability of bacteria in fine and coarse urban air particulate matter. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 745-753.	3.6	115
8	Effect of Soil pH on the Growth, Reproductive Investment and Pollen Allergenicity of <i>Ambrosia artemisiifolia</i> L.. <i>Frontiers in Plant Science</i> , 2018, 9, 1335.	3.6	115
9	Timing of reproduction and egg quality covary with temperature in the insectivorous Barn Swallow, <i>Hirundo rustica</i> . <i>Functional Ecology</i> , 2004, 18, 50-57.	3.6	93
10	A VLBI experiment using a remote atomic clock via a coherent fibre link. <i>Scientific Reports</i> , 2017, 7, 40992.	3.3	91
11	Spatio-temporal variability of airborne bacterial communities and their correlation with particulate matter chemical composition across two urban areas. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4867-4877.	3.6	88
12	Antioxidant Defenses Predict Long-Term Survival in a Passerine Bird. <i>PLoS ONE</i> , 2011, 6, e19593.	2.5	87
13	Climate change effects on migration phenology may mismatch brood parasitic cuckoos and their hosts. <i>Biology Letters</i> , 2009, 5, 539-541.	2.3	82
14	Influence of seasonality, air mass origin and particulate matter chemical composition on airborne bacterial community structure in the Po Valley, Italy. <i>Science of the Total Environment</i> , 2017, 593-594, 677-687.	8.0	81
15	Longevity and lifetime reproductive success of barn swallow offspring are predicted by their hatching date and phenotypic quality. <i>Journal of Animal Ecology</i> , 2012, 81, 1004-1012.	2.8	79
16	The distribution and colony size of barn swallows in relation to agricultural land use. <i>Journal of Applied Ecology</i> , 2002, 39, 524-534.	4.0	77
17	Mate fidelity, senescence in breeding performance and reproductive trade-offs in the barn swallow. <i>Journal of Animal Ecology</i> , 2002, 71, 309-319.	2.8	75
18	Immunity, growth and begging behaviour of nestling Barn Swallows <i>Hirundo rustica</i> in relation to hatching order. <i>Journal of Avian Biology</i> , 2001, 32, 263-270.	1.2	68

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19	Clock Gene Variation Is Associated with Breeding Phenology and Maybe under Directional Selection in the Migratory Barn Swallow. <i>PLoS ONE</i> , 2012, 7, e35140.	2.5	67
20	Gape coloration reliably reflects immunocompetence of barn swallow (<i>Hirundo rustica</i>) nestlings. <i>Behavioral Ecology</i> , 2003, 14, 16-22.	2.2	65
21	Bacterial community structure on two alpine debris-covered glaciers and biogeography of <i>Polaromonas</i> phylotypes. <i>ISME Journal</i> , 2013, 7, 1483-1492.	9.8	63
22	Patterns of diversity in microscopic animals: are they comparable to those in protists or in larger animals?. <i>Global Ecology and Biogeography</i> , 2006, 15, 153-162.	5.8	61
23	Offspring sexual dimorphism and sex-allocation in relation to parental age and paternal ornamentation in the barn swallow. <i>Molecular Ecology</i> , 2002, 11, 1533-1544.	3.9	58
24	Rapid change in host use of the common cuckoo <i>Cuculus canorus</i> linked to climate change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 733-738.	2.6	57
25	Sex-dependent carry-over effects on timing of reproduction and fecundity of a migratory bird. <i>Journal of Animal Ecology</i> , 2017, 86, 239-249.	2.8	56
26	Maternal effects mediated by egg quality in the Yellow-legged Gull <i>Larus michahellis</i> in relation to laying order and embryo sex. <i>Frontiers in Zoology</i> , 2011, 8, 24.	2.0	55
27	Sexual Dimorphism in Melanin Pigmentation, Feather Coloration and Its Heritability in the Barn Swallow (<i>Hirundo rustica</i>). <i>PLoS ONE</i> , 2013, 8, e58024.	2.5	55
28	Timing of migration and residence areas during the non-breeding period of barn swallows <i>Hirundo rustica</i> in relation to sex and population. <i>Journal of Avian Biology</i> , 2015, 46, 254-265.	1.2	53
29	Climatic connectivity between Africa and Europe may serve as a basis for phenotypic adjustment of migration schedules of trans-Saharan migratory birds. <i>Global Change Biology</i> , 2008, 14, 250-263.	9.5	52
30	Maternal allocation strategies and differential effects of yolk carotenoids on the phenotype and viability of yellow-legged gull (<i>Larus michahellis</i>) chicks in relation to sex and laying order. <i>Journal of Evolutionary Biology</i> , 2008, 21, 1626-1640.	1.7	50
31	Effect of preservation method on the assessment of bacterial community structure in soil and water samples. <i>FEMS Microbiology Letters</i> , 2014, 356, 32-38.	1.8	50
32	Impact of miniaturized geolocators on barn swallow <i>Hirundo rustica</i> fitness traits. <i>Journal of Avian Biology</i> , 2014, 45, 417-423.	1.2	49
33	Migration phenology and breeding success are predicted by methylation of a photoperiodic gene in the barn swallow. <i>Scientific Reports</i> , 2017, 7, 45412.	3.3	49
34	Microplastic Contamination in Snow from Western Italian Alps. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 768.	2.6	49
35	Sex-related variation in migration phenology in relation to sexual dimorphism: a test of competing hypotheses for the evolution of protandry. <i>Journal of Evolutionary Biology</i> , 2010, 23, 2054-2065.	1.7	47
36	Light-dependent microbial metabolisms drive carbon fluxes on glacier surfaces. <i>ISME Journal</i> , 2016, 10, 2984-2988.	9.8	47

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37	Long-term trends in first arrival and first egg laying dates of some migrant and resident bird species in northern Italy. <i>International Journal of Biometeorology</i> , 2007, 51, 553-563.	3.0	44
38	Clock gene polymorphism and scheduling of migration: a geolocator study of the barn swallow <i>Hirundo rustica</i> . <i>Scientific Reports</i> , 2015, 5, 12443.	3.3	41
39	Bacterial communities of cryoconite holes of a temperate alpine glacier show both seasonal trends and year-to-year variability. <i>Annals of Glaciology</i> , 2018, 59, 1-9.	1.4	41
40	Potential sources of bacteria colonizing the cryoconite of an Alpine glacier. <i>PLoS ONE</i> , 2017, 12, e0174786.	2.5	41
41	Cervical skin denervation associates with alpha-synuclein aggregates in Parkinson disease. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1394-1407.	3.7	39
42	Sex-Related Effects of an Immune Challenge on Growth and Begging Behavior of Barn Swallow Nestlings. <i>PLoS ONE</i> , 2011, 6, e22805.	2.5	38
43	Climate change and the long-term northward shift in the African wintering range of the barn swallow <i>Hirundo rustica</i> . <i>Climate Research</i> , 2011, 49, 131-141.	1.1	38
44	Viability Is Associated with Melanin-Based Coloration in the Barn Swallow (<i>Hirundo rustica</i>). <i>PLoS ONE</i> , 2013, 8, e60426.	2.5	37
45	Migratory connectivity and effects of winter temperatures on migratory behaviour of the European robin <i>Erithacus rubecula</i> : a continent-wide analysis. <i>Journal of Animal Ecology</i> , 2016, 85, 749-760.	2.8	37
46	A hole in the nematosphere: tardigrades and rotifers dominate the cryoconite hole environment, whereas nematodes are missing. <i>Journal of Zoology</i> , 2021, 313, 18-36.	1.7	36
47	Spring migration decisions in relation to weather are predicted by wing morphology among trans-Mediterranean migratory birds. <i>Functional Ecology</i> , 2010, 24, 658-669.	3.6	35
48	A simple model to evaluate ice melt over the ablation area of glaciers in the Central Karakoram National Park, Pakistan. <i>Annals of Glaciology</i> , 2015, 56, 202-216.	1.4	35
49	The Effect of Moonlight on Scopoli's Shearwater <i>Calonectris diomedea</i> Colony Attendance Patterns and Nocturnal Foraging: A Test of the Foraging Efficiency Hypothesis. <i>Ethology</i> , 2015, 121, 284-299.	1.1	35
50	Dynamics of Ecological Communities Following Current Retreat of Glaciers. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2021, 52, 405-426.	8.3	35
51	Ectoparasites and reproductive trade-offs in the barn swallow (<i>Hirundo rustica</i>). <i>Oecologia</i> , 2002, 133, 139-145.	2.0	34
52	Brownish, small and lousy barn swallows have greater natal dispersal propensity. <i>Animal Behaviour</i> , 2014, 87, 137-146.	1.9	33
53	Hypotonic stress-induced calcium signaling in <i>Saccharomyces cerevisiae</i> involves TRP-like transporters on the endoplasmic reticulum membrane. <i>Cell Calcium</i> , 2015, 57, 57-68.	2.4	32
54	RalGPS2 is involved in tunneling nanotubes formation in 5637 bladder cancer cells. <i>Experimental Cell Research</i> , 2018, 362, 349-361.	2.6	32

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55	Cryoconite: an efficient accumulator of radioactive fallout in glacial environments. <i>Cryosphere</i> , 2020, 14, 657-672.	3.9	32
56	Effects of egg testosterone on female mate choice and male sexual behavior in the pheasant. <i>Hormones and Behavior</i> , 2011, 59, 75-82.	2.1	31
57	Sex allocation in yellow-legged gulls (<i>Larus michahellis</i>) depends on nutritional constraints on production of large last eggs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1203-1208.	2.6	30
58	Bacteria contribute to pesticide degradation in cryoconite holes in an Alpine glacier. <i>Environmental Pollution</i> , 2017, 230, 919-926.	7.5	29
59	Cryoconite “ From minerals and organic matter to bioengineered sediments on glacier's surfaces. <i>Science of the Total Environment</i> , 2022, 807, 150874.	8.0	29
60	Diversity and Assembling Processes of Bacterial Communities in Cryoconite Holes of a Karakoram Glacier. <i>Microbial Ecology</i> , 2017, 73, 827-837.	2.8	28
61	Early ecological succession patterns of bacterial, fungal and plant communities along a chronosequence in a recently deglaciated area of the Italian Alps. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	28
62	Occurrence of volatile organic compounds in shallow alluvial aquifers of a Mediterranean region: Baseline scenario and ecological implications. <i>Science of the Total Environment</i> , 2015, 538, 712-723.	8.0	27
63	A coherent fiber link for very long baseline interferometry. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2015, 62, 1907-1912.	3.0	27
64	A ptilochnological study of carry-over effects of conditions during wintering on breeding performance in the barn swallow <i>Hirundo rustica</i> . <i>Journal of Avian Biology</i> , 2012, 43, 513-524.	1.2	25
65	Water bears dominated cryoconite hole ecosystems: densities, habitat preferences and physiological adaptations of Tardigrada on an alpine glacier. <i>Aquatic Ecology</i> , 2019, 53, 543-556.	1.5	25
66	Cloacal microbiomes and ecology of individual barn swallows. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	25
67	Seasonal, meteorological, and microhabitat effects on breeding success and offspring phenotype in the barn swallow, <i>Hirundo rustica</i> . <i>Ecoscience</i> , 2006, 13, 298-307.	1.4	24
68	MHC genotype predicts mate choice in the ring-necked pheasant <i>Phasianus colchicus</i> . <i>Journal of Evolutionary Biology</i> , 2012, 25, 1531-1542.	1.7	24
69	Latency in response of barn swallow <i>Hirundo rustica</i> populations to changes in breeding habitat conditions. <i>Ecology Letters</i> , 2002, 5, 640-647.	6.4	23
70	Effect of light-level geolocators on apparent survival of two highly aerial swift species. <i>Journal of Avian Biology</i> , 2018, 49, jav-01521.	1.2	23
71	Yolk carotenoids have sex-dependent effects on redox status and influence the resolution of growth trade-offs in yellow-legged gull chicks. <i>Behavioral Ecology</i> , 2011, 22, 411-421.	2.2	22
72	Maintenance of livestock farming may buffer population decline of the Barn Swallow <i>Hirundo rustica</i> . <i>Bird Conservation International</i> , 2012, 22, 411-428.	1.3	22

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73	Assessing costs of carrying geolocators using feather corticosterone in two species of aerial insectivore. <i>Royal Society Open Science</i> , 2015, 2, 150004.	2.4	22
74	<i>Clock</i> gene polymorphism, migratory behaviour and geographic distribution: a comparative study of trans-Saharan migratory birds. <i>Molecular Ecology</i> , 2016, 25, 6077-6091.	3.9	22
75	Temporal variability of bacterial communities in cryoconite on an alpine glacier. <i>Environmental Microbiology Reports</i> , 2017, 9, 71-78.	2.4	21
76	Environmental effects at two nested spatial scales on habitat choice and breeding performance of barn swallow. <i>Evolutionary Ecology</i> , 2010, 24, 491-508.	1.2	20
77	Egg testosterone affects wattle color and trait covariation in the ring-necked pheasant. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1779-1790.	1.4	20
78	Sex-Related Effects of Reproduction on Biomarkers of Oxidative Damage in Free-living Barn Swallows (<i>Hirundo rustica</i>). <i>PLoS ONE</i> , 2012, 7, e48955.	2.5	20
79	Nestling rearing is antioxidant demanding in female barn swallows (<i>Hirundo rustica</i>). <i>Die Naturwissenschaften</i> , 2014, 101, 541-548.	1.6	20
80	Vanishing permanent glaciers: climate change is threatening a European Union habitat (Code 8340) and its poorly known biodiversity. <i>Biodiversity and Conservation</i> , 2021, 30, 2267-2276.	2.6	20
81	Spatial niche partitioning in epibiont rotifers on the waterlouse <i>Asellus aquaticus</i> . <i>Limnology and Oceanography</i> , 2010, 55, 1327-1337.	3.1	19
82	Functional Characterization of a CRH Missense Mutation Identified in an ADNFLE Family. <i>PLoS ONE</i> , 2013, 8, e61306.	2.5	19
83	A Trade-Off between Reproduction and Feather Growth in the Barn Swallow (<i>Hirundo rustica</i>). <i>PLoS ONE</i> , 2014, 9, e96428.	2.5	19
84	Food supplementation affects egg albumen content and body size asymmetry among yellow-legged gull siblings. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1813-1821.	1.4	18
85	Context-, phenotype-, and kin-dependent natal dispersal of barn swallows (<i>Hirundo rustica</i>). <i>Behavioral Ecology</i> , 2014, 25, 180-190.	2.2	18
86	Nematodes and rotifers on two Alpine debris-covered glaciers. <i>Italian Journal of Zoology</i> , 2015, 82, 616-623.	0.6	18
87	Methylation of the circadian Clock gene in the offspring of a free-living passerine bird increases with maternal and individual exposure to PM10. <i>Environmental Pollution</i> , 2017, 220, 29-37.	7.5	18
88	Carry-over effects of brood size on morphology, reproduction, and lifespan in barn swallows. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	18
89	Dietary exposure to polyethylene terephthalate microplastics (PET-MPs) induces faster growth but not oxidative stress in the giant snail <i>Achatina reticulata</i> . <i>Chemosphere</i> , 2021, 270, 129430.	8.2	18
90	Within-clutch egg size asymmetry covaries with embryo sex in the yellow-legged gull <i>Larus michahellis</i> . <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 1809-1819.	1.4	17

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91	Lifetime reproductive success, selection on lifespan, and multiple sexual ornaments in male European barn swallows. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2457-2468.	2.3	17
92	Trophic and symbiotic links between obligate-glacier water bears (Tardigrada) and cryoconite microorganisms. <i>PLoS ONE</i> , 2022, 17, e0262039.	2.5	17
93	Bacterial diversity in snow from mid-latitude mountain areas: Alps, Eastern Anatolia, Karakoram and Himalaya. <i>Annals of Glaciology</i> , 2018, 59, 10-20.	1.4	16
94	White tail spots in breeding Barn Swallows <i>Hirundo rustica</i> signal body condition during winter moult. <i>Ibis</i> , 2015, 157, 722-730.	1.9	15
95	Wing morphology, winter ecology, and fecundity selection: evidence for sex-dependence in barn swallows (<i>Hirundo rustica</i>). <i>Oecologia</i> , 2017, 184, 799-812.	2.0	15
96	Macroplastics contamination on glaciers from Italian Central-Western Alps. <i>Environmental Advances</i> , 2021, 5, 100084.	4.8	15
97	Hayfields enhance colony size of the Barn Swallow <i>Hirundo rustica</i> in northern Italy. <i>Bird Conservation International</i> , 2014, 24, 17-31.	1.3	14
98	Effects of livestock farming on birds of rural areas in Europe. <i>Biodiversity and Conservation</i> , 2016, 25, 615-631.	2.6	14
99	Rainfall, but not temperature, negatively affects the growth of Blue Tit <i>Cyanistes caeruleus</i> nestlings. <i>Bird Study</i> , 2017, 64, 159-167.	1.0	14
100	Modelling the Progression of Bird Migration with Conditional Autoregressive Models Applied to Ringing Data. <i>PLoS ONE</i> , 2014, 9, e102440.	2.5	14
101	Identification of Putative Wintering Areas and Ecological Determinants of Population Dynamics of Common House-Martin (<i>Delichon urbicum</i>) and Common Swift (<i>Apus apus</i>) Breeding in Northern Italy. <i>Avian Conservation and Ecology</i> , 2011, 6, .	0.8	13
102	Habitat preferences of Eurasian Bitterns <i>Botaurus stellaris</i> booming in ricefields: implications for management. <i>Ibis</i> , 2011, 153, 695-706.	1.9	13
103	Weather conditions, brood size and hatching order affect Common Swift <i>Apus apus</i> nestlings' survival and growth. <i>Bird Study</i> , 2015, 62, 64-77.	1.0	13
104	Environmental conditions at arrival to the wintering grounds and during spring migration affect population dynamics of barn swallows <i>Hirundo rustica</i> breeding in Northern Italy. <i>Population Ecology</i> , 2016, 58, 135-145.	1.2	13
105	Haemosporidian parasites depress breeding success and plumage coloration in female barn swallows <i>Hirundo rustica</i> . <i>Journal of Avian Biology</i> , 2019, 50, .	1.2	13
106	Analysis of the alidade temperature behaviour of the medicina VLBI radiotelescope. <i>Astrophysics and Space Science</i> , 1996, 239, 247-258.	1.4	12
107	Spatio-Temporal Variation of the Bacterial Communities along a Salinity Gradient within a Thalassohaline Environment (Saline di Tarquinia Salterns, Italy). <i>Molecules</i> , 2021, 26, 1338.	3.8	12
108	Ecology of the cold-adapted species <i>Nebria germari</i> (Coleoptera: Carabidae): the role of supraglacial stony debris as refugium during the current interglacial period. <i>Acta Zoologica Academiae Scientiarum Hungaricae</i> , 2020, 66, 199-220.	0.5	12

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109	Secondary sex ratio covaries with demographic trends and ecological conditions in the barn swallow. <i>Evolutionary Ecology</i> , 2012, 26, 1041-1053.	1.2	11
110	Light-level geolocators reveal covariation between winter plumage molt and phenology in a trans-Saharan migratory bird. <i>Oecologia</i> , 2015, 178, 1105-1112.	2.0	11
111	Post-Depositional Biodegradation Processes of Pollutants on Glacier Surfaces. <i>Condensed Matter</i> , 2018, 3, 24.	1.8	11
112	Barn swallows long-distance migration occurs between significantly temperature-correlated areas. <i>Scientific Reports</i> , 2018, 8, 12359.	3.3	11
113	Fine-scale spatial heterogeneity of invertebrates within cryoconite holes. <i>Aquatic Ecology</i> , 2019, 53, 179-190.	1.5	11
114	Matching geographical assignment by stable isotopes with African non-breeding sites of barn swallows <i>Hirundo rustica</i> tracked by geolocation. <i>PLoS ONE</i> , 2018, 13, e0202025.	2.5	10
115	Large-scale spatial distribution of breeding Barn Swallows <i>Hirundo rustica</i> in relation to cattle farming. <i>Bird Study</i> , 2011, 58, 495-505.	1.0	9
116	Brothers and sisters are stabbing each other in the back: long-term effects of sex of siblings on barn swallow offspring. <i>Animal Behaviour</i> , 2014, 87, 187-193.	1.9	9
117	Parent-Absent Begging in Barn Swallow Broods: Causes of Individual Variation and Effects on Sibling Interactions and Food Allocation. <i>Evolutionary Biology</i> , 2015, 42, 432-442.	1.1	9
118	Different trends of neighboring populations of Lesser Kestrel: Effects of climate and other environmental conditions. <i>Population Ecology</i> , 2019, 61, 300-314.	1.2	9
119	Microhabitat preferences in springs, as shown by a survey of nematode communities of Trentino (south-eastern Alps, Italy). <i>Journal of Limnology</i> , 2011, 70, 93.	1.1	8
120	Inter-generational resemblance of methylation levels at circadian genes and associations with phenology in the barn swallow. <i>Scientific Reports</i> , 2019, 9, 6505.	3.3	8
121	The New Northern Cross Pulsar System: Four Years of Pulsar Timing Observations. <i>Astrophysical Journal, Supplement Series</i> , 1996, 106, 611.	7.7	8
122	Higher degree-days at the time of breeding predict size of second clutches in the barn swallow. <i>Climate Research</i> , 2011, 50, 43-50.	1.1	8
123	High Phenotypic Plasticity in a Prominent Plant Invader along Altitudinal and Temperature Gradients. <i>Plants</i> , 2021, 10, 2144.	3.5	8
124	Hatching asynchrony and offspring sex: an experiment on maternal effects in the yellow-legged gull. <i>Ethology Ecology and Evolution</i> , 2011, 23, 300-317.	1.4	7
125	Effects of Egg and Circulating Testosterone on Ring-necked Pheasant (<i>Phasianus torquatus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 1.1	1.1	7
126	A lightweight and energy-efficient Internet-of-birds tracking system. , 2017, , .		7

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127	Cloacal microbiota of barn swallows from Northern Italy. <i>Ethology Ecology and Evolution</i> , 2018, 30, 362-372.	1.4	7
128	Population and Colony-Level Determinants of Tertiary Sex Ratio in the Declining Barn Swallow. <i>PLoS ONE</i> , 2013, 8, e56493.	2.5	7
129	The Planned Space Science Utilizations of the New Sardinia 64-m Radio Telescope. <i>Proceedings of the IEEE</i> , 2011, 99, 875-880.	21.3	6
130	Early exposure to a bacterial endotoxin may cause breeding failure in a migratory bird. <i>Ethology Ecology and Evolution</i> , 2014, 26, 80-85.	1.4	6
131	Extrapair fertilizations vary with female traits and pair composition, besides male attractiveness, in barn swallows. <i>Animal Behaviour</i> , 2017, 134, 183-191.	1.9	6
132	Effects of locality and stone surface structure on the distribution of Collembola inhabiting a novel habitat – the stone-ice border on an alpine glacier. <i>Acta Oecologica</i> , 2020, 108, 103629.	1.1	6
133	Trace elements fingerprint of feathers differs between breeding and non-breeding areas in an Afro-Palaearctic migratory bird, the barn swallow (<i>Hirundo rustica</i>). <i>Environmental Science and Pollution Research</i> , 2021, 28, 15828-15837.	5.3	6
134	Ecological features of feather microbiota in breeding common swifts. <i>Ethology Ecology and Evolution</i> , 2018, 30, 569-581.	1.4	5
135	Reconstruction of long-distance bird migration routes using advanced machine learning techniques on geolocator data. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190031.	3.4	5
136	Better-surviving barn swallow mothers produce more and better-surviving sons. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1120-1128.	2.3	4
137	Sex- and age-dependent morphology and selection on wing shape in the barn swallow <i>Hirundo rustica</i> . <i>Journal of Avian Biology</i> , 2017, 48, 1441-1450.	1.2	4
138	Representing migration routes from re-encounter data: a new method applied to ring recoveries of Barn Swallows (<i>Hirundo rustica</i>) in Europe. <i>Journal of Ornithology</i> , 2019, 160, 249-264.	1.1	4
139	Is Oxygenation Related to the Decomposition of Organic Matter in Cryoconite Holes?. <i>Ecosystems</i> , 2022, 25, 1510-1521.	3.4	4
140	The Mitogenome Relationships and Phylogeography of Barn Swallows (<i>Hirundo rustica</i>). <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	4
141	A simple and versatile phase comparison method can accurately measure long term instability. <i>IEEE Transactions on Instrumentation and Measurement</i> , 1988, 37, 127-132.	4.7	3
142	The timing of life history events in the presence of soft disturbances. <i>Journal of Theoretical Biology</i> , 2016, 389, 287-303.	1.7	3
143	Effectiveness of the system of protected areas of Lombardy (Northern Italy) in preserving breeding birds. <i>Bird Conservation International</i> , 2018, 28, 475-492.	1.3	3
144	Barn swallow antipredator behavior covaries with melanic coloration and predicts survival. <i>Behavioral Ecology</i> , 2018, .	2.2	3

#	ARTICLE	IF	CITATIONS
145	VLBI phase-calibration system suitable for very-wide-band and ultra-high-frequency operation. IEEE Transactions on Instrumentation and Measurement, 1999, 48, 1093-1099.	4.7	2
146	An Italian tracking station for Cassini. Planetary and Space Science, 1998, 46, 1393-1399.	1.7	1
147	Analysis of sex sequences by means of generalized linear mixed models. Behavioral Ecology and Sociobiology, 2014, 68, 1367-1377.	1.4	1
148	Wing morphology covaries with migration distance in a highly aerial insectivorous songbird. Environmental Epigenetics, 0, , .	1.8	1
149	Association between extra-pair paternity and nestling sex and condition in the barn swallow. Behavioral Ecology and Sociobiology, 2018, 72, 1.	1.4	0
150	Geodetic VLBI experiment at 22 GHz band between Japan and Italy. , 1993, , 185-190.		0
151	The genome sequence of the European nightjar, <i>Caprimulgus europaeus</i> (Linnaeus, 1758). Wellcome Open Research, 2021, 6, 332.	1.8	0