

Fabrizio Sergio

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

4,823
citations

87843

38
h-index

98753

67
g-index

93
all docs

93
docs citations

93
times ranked

4118
citing authors

#	ARTICLE	IF	CITATIONS
1	Top Predators as Conservation Tools: Ecological Rationale, Assumptions, and Efficacy. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2008, 39, 1-19.	3.8	475
2	Ecologically justified charisma: preservation of top predators delivers biodiversity conservation. <i>Journal of Applied Ecology</i> , 2006, 43, 1049-1055.	1.9	357
3	Occupancy as a measure of territory quality. <i>Journal of Animal Ecology</i> , 2003, 72, 857-865.	1.3	274
4	Individual improvements and selective mortality shape lifelong migratory performance. <i>Nature</i> , 2014, 515, 410-413.	13.7	251
5	Top predators and biodiversity. <i>Nature</i> , 2005, 436, 192-192.	13.7	231
6	Intraguild predation in raptor assemblages: a review. <i>Ibis</i> , 2008, 150, 132-145.	1.0	133
7	Raptor Nest Decorations Are a Reliable Threat Against Conspecifics. <i>Science</i> , 2011, 331, 327-330.	6.0	130
8	Spatial refugia and the coexistence of a diurnal raptor with its intraguild owl predator. <i>Journal of Animal Ecology</i> , 2003, 72, 232-245.	1.3	125
9	Sequential settlement and site dependence in a migratory raptor. <i>Behavioral Ecology</i> , 2007, 18, 811-821.	1.0	102
10	Adaptive selection of foraging and nesting habitat by black kites (<i>Milvus migrans</i>) and its implications for conservation: a multi-scale approach. <i>Biological Conservation</i> , 2003, 112, 351-362.	1.9	101
11	Coexistence of a generalist owl with its intraguild predator: distance-sensitive or habitat-mediated avoidance?. <i>Animal Behaviour</i> , 2007, 74, 1607-1616.	0.8	93
12	Electrocution alters the distribution and density of a top predator, the eagle owl <i>Bubo bubo</i> . <i>Journal of Applied Ecology</i> , 2004, 41, 836-845.	1.9	80
13	Costs and benefits of breeding in human-altered landscapes for the Eagle Owl <i>Bubo bubo</i> . <i>Ibis</i> , 2002, 144, E164-E177.	1.0	74
14	Predictors of floater status in a long-lived bird: a cross-sectional and longitudinal test of hypotheses. <i>Journal of Animal Ecology</i> , 2009, 78, 109-118.	1.3	70
15	From individual behaviour to population pattern: weather-dependent foraging and breeding performance in black kites. <i>Animal Behaviour</i> , 2003, 66, 1109-1117.	0.8	69
16	Wood pigeons nesting in association with hobby falcons: advantages and choice rules. <i>Animal Behaviour</i> , 1999, 57, 125-131.	0.8	68
17	Development of chicks and dispersal behaviour of young in the Eagle Owl <i>Bubo bubo</i> . <i>Ibis</i> , 2004, 147, 155-168.	1.0	68
18	Animal responses to natural disturbance and climate extremes: a review. <i>Global and Planetary Change</i> , 2018, 161, 28-40.	1.6	68

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19	Nest box design for the study of diurnal raptors and owls is still an overlooked point in ecological, evolutionary and conservation studies: a review. <i>Journal of Ornithology</i> , 2012, 153, 23-34.	0.5	66
20	Preservation of wide-ranging top predators by site-protection: Black and red kites in Doñana National Park. <i>Biological Conservation</i> , 2005, 125, 11-21.	1.9	64
21	The importance of visual cues for nocturnal species: eagle owls signal by badge brightness. <i>Behavioral Ecology</i> , 2007, 18, 143-147.	1.0	64
22	Short- and long-term consequences of individual and territory quality in a long-lived bird. <i>Oecologia</i> , 2009, 160, 507-514.	0.9	64
23	Environmental stochasticity in dispersal areas can explain the "mysterious" disappearance of breeding populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1265-1269.	1.2	61
24	Variation in age-structured vital rates of a long-lived raptor: Implications for population growth. <i>Basic and Applied Ecology</i> , 2011, 12, 107-115.	1.2	61
25	Integrating individual habitat choices and regional distribution of a biodiversity indicator and top predator. <i>Journal of Biogeography</i> , 2004, 31, 619-628.	1.4	59
26	No effect of satellite tagging on survival, recruitment, longevity, productivity and social dominance of a raptor, and the provisioning and condition of its offspring. <i>Journal of Applied Ecology</i> , 2015, 52, 1665-1675.	1.9	55
27	The importance of interspecific interactions for breeding-site selection: peregrine falcons seek proximity to raven nests. <i>Ecography</i> , 2004, 27, 818-826.	2.1	54
28	Age-related improvement in reproductive performance in a long-lived raptor: a cross-sectional and longitudinal study. <i>Ecography</i> , 2009, 32, 647-657.	2.1	54
29	Bioaccumulation and biomagnification of emerging and classical flame retardants in bird eggs of 14 species from Doñana Natural Space and surrounding areas (South-western Spain). <i>Environment International</i> , 2014, 68, 118-126.	4.8	53
30	PUBLIC INFORMATION AND TERRITORY ESTABLISHMENT IN A LOOSELY COLONIAL RAPTOR. <i>Ecology</i> , 2005, 86, 340-346.	1.5	51
31	Towards a cohesive, holistic view of top predation: a definition, synthesis and perspective. <i>Oikos</i> , 2014, 123, 1234-1243.	1.2	50
32	Regional conservation priorities for a large predator: golden eagles (<i>Aquila chrysaetos</i>) in the Alpine range. <i>Biological Conservation</i> , 2002, 103, 163-172.	1.9	49
33	Habitat selection by Black kite breeders and floaters: Implications for conservation management of raptor floaters. <i>Biological Conservation</i> , 2013, 160, 1-9.	1.9	47
34	Effect of agro-forestry and landscape changes on common buzzards (<i>Buteo buteo</i>) in the Alps: implications for conservation. <i>Animal Conservation</i> , 2005, 8, 17-25.	1.5	45
35	Spatio-temporal shifts in gradients of habitat quality for an opportunistic avian predator. <i>Ecography</i> , 2003, 26, 243-255.	2.1	42
36	Relationship between laying dates of black kites <i>Milvus migrans</i> and spring temperatures in Italy: rapid response to climate change?. <i>Journal of Avian Biology</i> , 2003, 34, 144-149.	0.6	39

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37	Distribution, density, diet and productivity of the Scops Owl <i>Otus scops</i> in the Italian Alps. <i>Ibis</i> , 2004, 147, 176-187.	1.0	39
38	Reliable methods for identifying animal deaths in <sc>GPS</sc> and satellite tracking data: Review, testing, and calibration. <i>Journal of Applied Ecology</i> , 2019, 56, 562-572.	1.9	39
39	Demographic Consequences of Poison-Related Mortality in a Threatened Bird of Prey. <i>PLoS ONE</i> , 2012, 7, e49187.	1.1	39
40	Top predators and biodiversity: much debate, few data. <i>Journal of Applied Ecology</i> , 2008, 45, 992-999.	1.9	38
41	Biodiversity gradients in the Alps: the overriding importance of elevation. <i>Biodiversity and Conservation</i> , 2007, 16, 3243-3254.	1.2	38
42	Eurasian Hobby Density, Nest Area Occupancy, Diet, and Productivity in Relation to Intensive Agriculture. <i>Condor</i> , 1999, 101, 806-817.	0.7	35
43	Golden Eagle <i>Aquila chrysaetos</i> density and productivity in relation to land abandonment and forest expansion in the Alps. <i>Bird Study</i> , 2001, 48, 194-199.	0.4	35
44	Coping with uncertainty: breeding adjustments to an unpredictable environment in an opportunistic raptor. <i>Oecologia</i> , 2011, 166, 79-90.	0.9	35
45	Hobby Nest-Site Selection and Productivity in Relation to Intensive Agriculture and Forestry. <i>Journal of Wildlife Management</i> , 2000, 64, 637.	0.7	33
46	Reconciling the dichotomy between single species and ecosystem conservation: black kites (<i>Milvus</i>) Tj ETQq0 0 0 rBT /Overlock 10 Tf 5	1.9	33
47	Adaptive range selection by golden eagles in a changing landscape: A multiple modelling approach. <i>Biological Conservation</i> , 2006, 133, 32-41.	1.9	33
48	When and where mortality occurs throughout the annual cycle changes with age in a migratory bird: individual vs population implications. <i>Scientific Reports</i> , 2019, 9, 17352.	1.6	32
49	Ambient temperature, body condition and sibling rivalry explain feather corticosterone levels in developing black kites. <i>Functional Ecology</i> , 2016, 30, 605-613.	1.7	30
50	Pyrethroid insecticides in wild bird eggs from a World Heritage Listed Park: A case study in DoÑana National Park (Spain). <i>Environmental Pollution</i> , 2017, 228, 321-330.	3.7	29
51	The Importance of Visual Cues for Nocturnal Species: Eagle Owl Fledglings Signal with White Mouth Feathers. <i>Ethology</i> , 2007, 113, 934-943.	0.5	27
52	Decoration Increases the Conspicuousness of Raptor Nests. <i>PLoS ONE</i> , 2016, 11, e0157440.	1.1	26
53	Conservation of Scops Owl <i>Otus scops</i> in the Alps: relationships with grassland management, predation risk and wider biodiversity. <i>Ibis</i> , 2009, 151, 40-50.	1.0	24
54	Brightness variability in the white badge of the eagle owl <i>Bubo bubo</i> . <i>Journal of Avian Biology</i> , 2006, 37, 110-116.	0.6	23

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55	Does avian conspicuous colouration increase or reduce predation risk?. <i>Oecologia</i> , 2013, 173, 83-93.	0.9	23
56	Nest Defense as Parental Care in the Northern Hobby (<i>Falco subbuteo</i>). <i>Auk</i> , 2001, 118, 1047-1052.	0.7	22
57	Size-Related Advantages for Reproduction in a Slightly Dimorphic Raptor: Opposite Trends between the Sexes. <i>Ethology</i> , 2007, 113, 1141-1150.	0.5	22
58	Density, laying date, breeding success and diet of Black Kites <i>Milvus migrans govinda</i> in the city of Delhi (India). <i>Bird Study</i> , 2014, 61, 1-8.	0.4	22
59	Implications of temporal changes in forest dynamics on density, nest-site selection, diet and productivity of Tawny Owls <i>Strix aluco</i> in the Alps. <i>Bird Study</i> , 2006, 53, 310-318.	0.4	19
60	Reproductive endocrinology of wild, long-lived raptors. <i>General and Comparative Endocrinology</i> , 2010, 168, 22-28.	0.8	19
61	Carotenoids and Skin Coloration in a Social Raptor. <i>Journal of Raptor Research</i> , 2013, 47, 174-184.	0.2	19
62	Density, diet and productivity of Long-eared Owls <i>Asio otus</i> in the Italian Alps: the importance of <i>Microtus</i> voles. <i>Bird Study</i> , 2008, 55, 321-328.	0.4	18
63	Temporal trends in classical and alternative flame retardants in bird eggs from Doñana Natural Space and surrounding areas (south-western Spain) between 1999 and 2013. <i>Chemosphere</i> , 2015, 138, 316-323.	4.2	18
64	Safety in numbers? Supplanting data quality with fanciful models in wildlife monitoring and conservation. <i>Biodiversity and Conservation</i> , 2012, 21, 3269-3276.	1.2	17
65	Lifetime variation in feather corticosterone levels in a long-lived raptor. <i>Oecologia</i> , 2017, 183, 315-326.	0.9	17
66	GPS-telemetry unveils the regular high-elevation crossing of the Himalayas by a migratory raptor: implications for definition of a "Central Asian Flyway". <i>Scientific Reports</i> , 2020, 10, 15988.	1.6	17
67	Protected areas under pressure: decline, redistribution, local eradication and projected extinction of a threatened predator, the red kite, in Doñana National Park, Spain. <i>Endangered Species Research</i> , 2019, 38, 189-204.	1.2	16
68	Compensation for wind drift during raptor migration improves with age through mortality selection. <i>Nature Ecology and Evolution</i> , 2022, 6, 989-997.	3.4	16
69	The population density of an urban raptor is inextricably tied to human cultural practices. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182932.	1.2	15
70	Human-attacks by an urban raptor are tied to human subsidies and religious practices. <i>Scientific Reports</i> , 2019, 9, 2545.	1.6	15
71	Density, productivity, diet and population status of the Peregrine Falcon <i>Falco peregrinus</i> in the Italian Alps. <i>Bird Study</i> , 2005, 52, 188-192.	0.4	14
72	Biases in population diet studies due to sampling in heterogeneous environments: a case study with the Eagle Owl. <i>Journal of Field Ornithology</i> , 2005, 76, 237-244.	0.3	14

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73	Brightness variability in the white badge of the eagle owl (<i>Bubo bubo</i>). <i>Journal of Avian Biology</i> , 2006, 37, 110-116.	0.6	14
74	Migration by breeders and floaters of a long-lived raptor: implications for recruitment and territory quality. <i>Animal Behaviour</i> , 2017, 131, 59-72.	0.8	14
75	Integrating population connectivity into pollution assessment: Overwintering mixing reveals flame retardant contamination in breeding areas in a migratory raptor. <i>Environmental Research</i> , 2018, 166, 553-561.	3.7	14
76	Different Location Sampling Frequencies by Satellite Tags Yield Different Estimates of Migration Performance: Pooling Data Requires a Common Protocol. <i>PLoS ONE</i> , 2012, 7, e49659.	1.1	14
77	Demographic modeling to fine-tune conservation targets: importance of pre-adults for the decline of an endangered raptor. <i>Ecological Applications</i> , 2021, 31, e2266.	1.8	13
78	Simultaneous analysis of multiple PCR amplicons enhances capillary SSCP discrimination of MHC alleles. <i>Electrophoresis</i> , 2010, 31, 1353-1356.	1.3	12
79	Experimental Tests of Endocrine Function in Breeding and Nonbreeding Raptors. <i>Physiological and Biochemical Zoology</i> , 2011, 84, 406-416.	0.6	12
80	Offspring defense by an urban raptor responds to human subsidies and ritual animal-feeding practices. <i>PLoS ONE</i> , 2018, 13, e0204549.	1.1	11
81	Habitat selection by an avian top predator in the tropical megacity of Delhi: human activities and socio-religious practices as prey-facilitating tools. <i>Urban Ecosystems</i> , 2017, 21, 339.	1.1	10
82	Raptor monitoring: challenges and benefits. <i>Bird Study</i> , 2018, 65, S3-S3.	0.4	6
83	Raptor breeding sites indicate high plant biodiversity in urban ecosystems. <i>Scientific Reports</i> , 2021, 11, 21139.	1.6	6
84	Effects of Ontogeny, Diel Rhythms, and Environmental Variation on the Adrenocortical Physiology of Semialtricial Black Kites (<i>Milvus migrans</i>). <i>Physiological and Biochemical Zoology</i> , 2016, 89, 213-224.	0.6	3
85	Overland and oversea migration of white storks through the water barriers of the straits of Gibraltar. <i>Scientific Reports</i> , 2020, 10, 20760.	1.6	3
86	Protected areas enter a new era of uncertain challenges: extinction of a non-exigent falcon in Doñana National Park. <i>Animal Conservation</i> , 0, , .	1.5	3
87	Fungal signatures of oral disease reflect environmental degradation in a facultative avian scavenger. <i>Science of the Total Environment</i> , 2022, 837, 155397.	3.9	3
88	Biodiversity gradients in the Alps: the overriding importance of elevation. , 2007, , 1-12.		2
89	Humans and scavenging raptors facilitate Argentine ant invasion in Doñana National Park: no counter-effect of biotic resistance. <i>Biological Invasions</i> , 2019, 21, 2221-2232.	1.2	2
90	Cities: How Do Some Birds Thrive There?. <i>Frontiers for Young Minds</i> , 0, 8, .	0.8	0