

Ian Owens

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

9,610
citations

57758

44
h-index

168389

53
g-index

53
all docs

53
docs citations

53
times ranked

10382
citing authors

#	ARTICLE	IF	CITATIONS
1	Extra pair paternity in birds: a review of interspecific variation and adaptive function. <i>Molecular Ecology</i> , 2008, 11, 2195-2212.	3.9	1,223
2	Global hotspots of species richness are not congruent with endemism or threat. <i>Nature</i> , 2005, 436, 1016-1019.	27.8	993
3	Costly sexual signals: are carotenoids rare, risky or required?. <i>Trends in Ecology and Evolution</i> , 1998, 13, 510-514.	8.7	749
4	Ecological basis of extinction risk in birds: Habitat loss versus human persecution and introduced predators. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12144-12148.	7.1	572
5	Global distribution and conservation of rare and threatened vertebrates. <i>Nature</i> , 2006, 444, 93-96.	27.8	462
6	Genetic consequences of sequential founder events by an island-colonizing bird. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8127-8132.	7.1	287
7	Hormonal basis of sexual dimorphism in birds: implications for new theories of sexual selection. <i>Trends in Ecology and Evolution</i> , 1995, 10, 44-47.	8.7	281
8	The comparative method in conservation biology. <i>Trends in Ecology and Evolution</i> , 2004, 19, 391-398.	8.7	255
9	Conspicuous males suffer higher predation risk: visual modelling and experimental evidence from lizards. <i>Animal Behaviour</i> , 2003, 66, 541-550.	1.9	246
10	Environmental determination of a sexually selected trait. <i>Nature</i> , 1999, 400, 358-360.	27.8	233
11	Mites and birds: diversity, parasitism and coevolution. <i>Trends in Ecology and Evolution</i> , 2000, 15, 358-364.	8.7	229
12	Global biogeography and ecology of body size in birds. <i>Ecology Letters</i> , 2009, 12, 249-259.	6.4	229
13	Are subspecies useful in evolutionary and conservation biology?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1049-1053.	2.6	227
14	Sex Differences in Mortality Rate. <i>Science</i> , 2002, 297, 2008-2009.	12.6	223
15	Topography, energy and the global distribution of bird species richness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1189-1197.	2.6	216
16	Global Patterns of Geographic Range Size in Birds. <i>PLoS Biology</i> , 2006, 4, e208.	5.6	189
17	Interspecific variation in plumage colour among birds: species recognition or light environment?. <i>Journal of Evolutionary Biology</i> , 2002, 15, 505-514.	1.7	156
18	Spatial turnover in the global avifauna. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1567-1574.	2.6	151

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19	Fluorescent Signaling in Parrots. <i>Science</i> , 2002, 295, 92-92.	12.6	146
20	Contrasting levels of extra-pair paternity in mainland and island populations of the house sparrow (<i>Passer domesticus</i>): is there an "island effect"? <i>Biological Journal of the Linnean Society</i> , 1999, 68, 303-316.	1.6	140
21	Immunocompetence: a neglected life history trait or conspicuous red herring?. <i>Trends in Ecology and Evolution</i> , 1999, 14, 170-172.	8.7	137
22	Hot, dry and different: Australian lizard richness is unlike that of mammals, amphibians and birds. <i>Global Ecology and Biogeography</i> , 2010, 19, 386-396.	5.8	135
23	The Shape and Temporal Dynamics of Phylogenetic Trees Arising from Geographic Speciation. <i>Systematic Biology</i> , 2010, 59, 660-673.	5.6	132
24	Testing the phenotypic gambit: phenotypic, genetic and environmental correlations of colour. <i>Journal of Evolutionary Biology</i> , 2007, 20, 549-557.	1.7	129
25	Human impacts and the global distribution of extinction risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2127-2133.	2.6	123
26	Where is behavioural ecology going?. <i>Trends in Ecology and Evolution</i> , 2006, 21, 356-361.	8.7	121
27	Extraordinary Sex Roles in the Eurasian Dotterel: Female Mating Arenas, Female-Female Competition, and Female Mate Choice. <i>American Naturalist</i> , 1994, 144, 76-100.	2.1	120
28	Interspecific variation in the use of carotenoid-based coloration in birds: diet, life history and phylogeny. <i>Journal of Evolutionary Biology</i> , 2005, 18, 1534-1546.	1.7	110
29	Energy, range dynamics and global species richness patterns: reconciling mid-domain effects and environmental determinants of avian diversity. <i>Ecology Letters</i> , 2006, 9, 1308-1320.	6.4	105
30	Division of labour within cooperatively breeding groups. <i>Behaviour</i> , 2005, 142, 1577-1590.	0.8	93
31	Avian haematozoan parasites and their associations with mosquitoes across Southwest Pacific Islands. <i>Molecular Ecology</i> , 2008, 17, 4545-4555.	3.9	93
32	The environmental limits to geographic range expansion in birds. <i>Ecology Letters</i> , 2010, 13, 705-715.	6.4	86
33	Intake rates and the functional response in shorebirds (Charadriiformes) eating macro-invertebrates. <i>Biological Reviews</i> , 2006, 81, 501.	10.4	80
34	Quantifying Biodiversity: a Phenotypic Perspective. <i>Conservation Biology</i> , 2000, 14, 1014-1022.	4.7	77
35	Strong environmental determination of a carotenoid-based plumage trait is not mediated by carotenoid availability. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1104-1114.	1.7	76
36	Direct versus indirect sexual selection: genetic basis of colour, size and recruitment in a wild bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1347-1353.	2.6	76

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37	Pedigree-free animal models: the relatedness matrix reloaded. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 639-647.	2.6	76
38	Female home range size and the evolution of social organization in macropod marsupials. <i>Journal of Animal Ecology</i> , 2000, 69, 1083-1098.	2.8	76
39	Species richness in agamid lizards: chance, body size, sexual selection or ecology?. <i>Journal of Evolutionary Biology</i> , 2003, 16, 659-669.	1.7	75
40	Experimental evidence of impacts of an invasive parakeet on foraging behavior of native birds. <i>Behavioral Ecology</i> , 2014, 25, 582-590.	2.2	65
41	"Trojan Sparrows": Evolutionary Consequences of Dishonest Invasion for the Badges-of-Status Model. <i>American Naturalist</i> , 1991, 138, 1187-1205.	2.1	63
42	Speciation and Extinction Drive the Appearance of Directional Range Size Evolution in Phylogenies and the Fossil Record. <i>PLoS Biology</i> , 2012, 10, e1001260.	5.6	54
43	What is macroecology?. <i>Biology Letters</i> , 2012, 8, 904-906.	2.3	47
44	Complex patterns of genetic and phenotypic divergence in an island bird and the consequences for delimiting conservation units. <i>Molecular Ecology</i> , 2008, 17, 2839-2853.	3.9	45
45	Large size in an island-dwelling bird: intraspecific competition and the Dominance Hypothesis. <i>Journal of Evolutionary Biology</i> , 2003, 16, 1106-1114.	1.7	42
46	Regional variation in the historical components of global avian species richness. <i>Global Ecology and Biogeography</i> , 2008, 17, 340-351.	5.8	34
47	Biogeography of avian blood parasites (<i>Leucocytozoon</i> spp.) in two resident hosts across Europe: phylogeographic structuring or the abundance-occupancy relationship?. <i>Molecular Ecology</i> , 2011, 20, 3910-3920.	3.9	34
48	Quality of breeding territory mediates the influence of paternal quality on sex ratio bias in a free-living bird population. <i>Behavioral Ecology</i> , 2014, 25, 352-358.	2.2	24
49	Size and stability of vertebrate leks. <i>Animal Behaviour</i> , 1999, 58, 1217-1221.	1.9	21
50	Isolation of microsatellite loci in the Capricorn silvereye, <i>Zosterops lateralis chlorocephalus</i> (Aves). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2</i>	1.7	19
51	Large body size in an island-dwelling bird: a microevolutionary analysis. <i>Journal of Evolutionary Biology</i> , 2007, 20, 639-649.	1.7	17
52	Differences in initial and acquired resistance to <i>Ichthyophthirius multifiliis</i> between populations of rainbowfish. <i>Journal of Fish Biology</i> , 2000, 57, 466-475.	1.6	10
53	Challenges for biodiversity research in Europe. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 13, 83-100.	0.5	8